

FILE

PUCO EXHIBIT FILING

85

Date of Hearing: 5/5/15

Case No. 15-463-TR-ORD

PUCO Case Caption: ITMO the Adoption of Rules  
Related to the Towing of Motor Vehicles

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PUCO

List of exhibits being filed:

PUCO Towing Rules Workshop  
Testimony Regarding H.B. 382  
41901 - Tow Truck Classification and Required Equipment  
Chapter 677A Tow Trucks  
TRAO Folder with Attachments

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technician [initials] Date Processed MAY 19 2015

Reporter's Signature: Karen Sue Gibson  
Date Submitted: 5-17-15

BEFORE THE PUBLIC UTILITIES COMMISSION OF OHIO

- - -

In the Matter of the :  
Adoption of Rules Related :  
to the Towing of Motor : Case No. 15-463-TR-ORD  
Vehicles. :  
- - -

WORKSHOP PROCEEDINGS

before Mr. Scott E. Farkas, Attorney Examiner, at the  
Public Utilities Commission of Ohio, 180 East Broad  
Street, Room 11-C, Columbus, Ohio, called at 10 a.m.  
on Tuesday, May 5, 2015.

- - -

ARMSTRONG & OKEY, INC.  
222 East Town Street, Second Floor  
Columbus, Ohio 43215-5201  
(614) 224-9481 - (800) 223-9481  
Fax - (614) 224-5724

- - -



May 5, 2015

[illegible]

May 5, 2015

[illegible]

**Ohio House Commerce, Labor, and Technology Standing Committee**

**Proponent Testimony: H.B. 382 – Nonconsensual motor vehicle towing - regulation**

**Ohio House of Representatives**

***Testimony of Taylor Stepp, Undergraduate Student President***

***The Ohio State University – Columbus Campus***

**January 29, 2014**

Good afternoon Chairman Young, Vice-Chairman Duffey, Ranking Member Hagan, and members of this committee. Thank you for allowing me the opportunity to speak this afternoon regarding an issue which concerns many of my colleagues at Ohio State --- predatory towing. "You're not an Ohio State student until you've been towed." I have heard these words repeated far too often during my four years as an Ohio State Buckeye and I thank Representatives Bishoff and Duffey for recognizing the need to remedy predatory towing in the state of Ohio.

As Vice-Chairman Duffey stated in his sponsor testimony, there are many towing operations in small towns across Ohio that conduct themselves in a fair manner which acts accordingly to ORC statute which caps a tow charge amount at \$90. Mr. Chairman, I come before this committee to report that during my two years as the Undergraduate Student President at Ohio State, I have witnessed countless instances in which college students have been routinely taken advantage by towing companies.

If you walk around campus, you can't travel more than a few blocks without seeing a tow truck looking for even the most miniscule parking violations. For instance, one student told me that she went inside her apartment complex to get a temporary tag because she had to switch her vehicle due to family issues. In the time it took her to walk inside the apartment complex, there was already a tow truck rigging up her car to be towed. This kind of ruthless profiteering must face increased scrutiny. When campaigning for the office of Undergraduate Student President, I promised my fellow students at Ohio State that we would do everything in our power to halt towing companies from preying on students.

Towing companies are notorious at Ohio State for towing and impounding the cars of college students when a simple parking ticket would have sufficed. One prominent experience of predatory towing is on street cleaning days in our off-campus area. If students forget to move their cars, they are punished, after the fact, by having their car towed and being forced to pay upwards of \$200 to retrieve their vehicle. Unfortunately, many students throughout the years have fell victim to this unfortunate practice by the towing companies. What good does this practice accomplish? It's clear, Mr. Chairman, that college students are being taken advantage of. Not only are we paying well above the statutory limit of \$90, but our cars continue to be towed without necessity.

If you're already in tens of thousands of dollars of debt from college loans and expenses, living on a meager diet of ramen noodles and peanut butter and jelly, the last thing you need is an unwarranted towing charge costing you hundreds of dollars.

Mr. Chairman, members of this committee, I speak for the students of The Ohio State University when I ask you to pass H.B. 382 so that we can avoid the unwelcome anxieties of predatory towing. I thank you for your time and yield for your questions.

Terry Donelon  
January 29, 2014

Ohio House of Representatives Commerce, Labor & Technology Committee

HB 382

Chairman Young, Ranking Member Hagan and members of the committee, thank you for the opportunity to testify before you today.

I am here as a former student of The Ohio State University who had one-too-many run-ins with predatory towing companies on campus and decided to do something about it.

During my junior year at OSU, while ordering take-out one evening, I decided to park in a spot marked "RESERVE," which was only supposed to be used by residents of the neighboring apartment. I will be the first one to acknowledge that I had parked illegally. However, while I was in the restaurant for no more than 5 minutes, by the time I came out, my car was on the back of a tow truck.

At this point, when I asked the tow truck operator what it would cost to unhook my car, he told me it would cost \$161.00. Quite curious at this point, I asked how much it would cost to take my car to the impound lot. He replied that it would cost \$173.00, a \$12.00 difference. So, I had to find the nearest ATM in order to drain my bank account so I could get my car back. But I knew an injustice had just occurred, and I was determined to right what had been wronged.

With the help of OSU Student Legal Services, I found out that I had paid nearly \$115.00 more than what was legally permitted by the State of Ohio.

If you would please look at the following page, you will see a photocopied receipt that I was given at the time my car was towed. Looking at the charges, it appears that I was charged the full \$90 towing fee, despite the fact that my car was dropped and not impounded. You will also notice some miscellaneous charges that the company included. The company claimed that these added charges were in compliance with state law.

Like I said, I was determined to get back what was rightfully mine. So, after eleven months, \$108.00 in court fees, one process server, and a defendant that never showed up to trial, I was finally awarded the money that was wrongfully stolen from me by this campus-area towing operator that still operates today.

Now, this victory of mine would not have been possible if it weren't for the tremendous legal service offered by Ohio State to its students. Today our students, who face rising tuition costs and debt repayment plans that could last 20 years or more, cannot afford this. In addition, our community members in the surrounding neighborhoods, some of whom are struggling to pay the rent and put food on the table, cannot afford this. These are the victims of predatory towing. These are the people we should be helping. No longer can we turn a blind eye to this crime being perpetrated against our residents.

Thank you for the committee's time, Mr. Chairman. I will now answer any questions the committee may have.

# IMPOUND RECORD

## Towing Solutions

930 East Hudson St. Columbus, Ohio 43211

614 - 745 - 3500

Requested by: PI Patrolled Lot Storage Parking  
Date Impounded: 1-9-12 Time Impounded: 9:14 am pm  
Impounded From: Storage Parking By #: Billy  
Year: \_\_\_\_\_ Make: Hyundai Model: Elantra  
Color: Gray 2 of 4 door License/State: OH FC-A 9950 Expires: 8/11  
VIN# \_\_\_\_\_

### Impound Registration

Claim# \_\_\_\_\_ Tech# \_\_\_\_\_  
Owner's Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
Comments: Picked in Reserve #6  
paid

### Release Information

#### Charges

Towing \_\_\_\_\_  
Larger Vehicle \_\_\_\_\_  
DOLLY Surcharge 20.00  
Administration Fee 45.00  
Storage \_\_\_\_\_  
Tax 10.08  
TOTAL 161.08

### OFFICE USE ONLY



Not responsible for damage claims after leaving the lot.

Vehicle Received By \_\_\_\_\_

### **HB 382 Proponent TestimonyHearing**

Chairman Young, Vice Chairman Duffey, Ranking Member Hagan, Members of the Committee, my name is Kay Senft and this is my experience with predatory towing by Shamrock Towing.

On Sunday, October 21, 2012, I arrived at my water station for a morning of volunteering at the Columbus Marathon. The time was approximately 6:45am. Our water station was located at 9<sup>th</sup> and N. High St. I parked in the Taco Bell parking lot and checked in with my Water Station Captain, Janet Schirtzinger, to confirm that arrangements had been made with Taco Bell to permit us to park in their lot for the duration of our shift. My Captain firmed this. It was approximately 11:25am at the end of our shift. My Captain had given me a few sleeves of unused cups. I took the cups to my vehicle and brought her special needs grandson with me to see my dog, Izzy. After a very brief visit, I opened the back two windows of my vehicle and then locked it, leaving Izzy inside. I then escorted the young boy back to his grandmother, Janet. I collected my 3 yard rakes which we use to rake up the used cups from the street, said goodbye to everyone and proceeded to the Taco Bell parking lot to retrieve my car with my dog in it. It was approximately 11:35am as I was walking towards the parking lot and looked and looked but didn't see my car. I was just there! Where did it go? I felt like I was loosing my mind. Then reality set in and I ran into Taco Bell shouting "My car has been towed. Where's the Manager?" I repeated these two sentence numerous times as I was in a panic because my dog was still in my vehicle. The manager was very nice and said he had not authorized any vehicles to be towed. He called the Shamrock dispatcher. He said she was very rude and would not tell him where the vehicle was being towed to. This bantering went on for several minutes and then she just hung up on him. He called back and was met with the same rudeness and again the dispatcher hung up on the Taco Bell Manager. He called back a third time and there was no answer. He was disgusted and said he would call his District Manager for help with this situation. After waiting approximately 10 minutes, he came outside where I was and said the vehicle had been towed to 1145 Hamlet St. Another Marathon Volunteer drove me to this location. I went inside and said that my car had been towed from the Taco Bell on N. High St on south campus without authorization from the Taco Bell Manager and that my dog was in my vehicle at the time it was towed. The guy was unsympathetic to my concerns about my dog and said "There was no dog in that car when it came in." and stated that it would cost me \$150 in cash to retrieve my vehicle. I begged him to allow me to go inside the fenced lot to just look to see if my dog was still in my vehicle. At this point, I was extremely stressed and at my wits end with worry about my dog and dealing with this person. He just kept repeating that there was no dog and I would need to pay \$150 in cash. At this point, my co-volunteer, Jean Schirtzinger, called the Taco Bell Manager and told him the situation. He agreed to call his District Manager to see if he could help resolve this situation. It is now approximately 12:20pm, my dog was still in the car with no water and it was getting warmer out. After waiting another 7-10 minutes, the man behind the caged window came outside and opened a locked door that led into the fenced impound lot, allowing me to search for my vehicle with my dog in it. Sure enough, Izzy WAS in

the back of my vehicle, unharmed but hot and very thirsty. I put her leash on her, grabbed her water, and reaffirmed that my dog WAS in my vehicle when it was towed. He escorted me back out onto the sidewalk and locked the door of the impound lot. At this point, more Schirtzinger family members showed up to discuss this situation with me. At this point, they went inside the Impound Office area and pleaded with the man at the desk to release my vehicle as it was legally parked in the Taco Bell lot with permission of the Manager. Again the answer was "No". Another 10-15 minutes elapsed when the same man came outside and said gruffly "Lady, go get your car" and I said "At no cost?" and he said "No cost...get it and get out of here." We all cheered and I ran with Izzy to retrieve my vehicle and get the heck out of there! I drove back to the Taco Bell to thank the store manager for all of his help with calling people in "high places" and to meet Izzy. We conversed for a few minutes and he stated to me that Shamrock does this kind of stuff all the time! He shared a story of one his employees who worked her shift, picked up half of another shift, only to go out into the parking lot and find her car missing. Yes, she found it at 1145 Hamlet St!

Thank you for allowing me the opportunity to share my story.

Respectfully,  
Kay L. Senft



## Witness Information Form

Please Complete the Witness Information Form Before Testifying

Date: 11/29/14

Name: Cynthia A. Hudson

Organization (If Applicable): \_\_\_\_\_

Position/title: \_\_\_\_\_

Address: 131 Dragheda Ct.

City: Granville State: OH Zip: 43023

Telephone: (740) 973-9170

Email: cahudson0904@gmail.com

Are You Representing: Yourself ☒ Organization \_\_\_\_\_

Do You Wish to Testify On:

- Legislation (bill number): HB-382
- Specific issue: \_\_\_\_\_
- Subject matter: \_\_\_\_\_

Are You Testifying as a:

- Proponent: ☒
- Opponent: \_\_\_\_\_
- Interested Party: \_\_\_\_\_

Do you have a written statement, visual aids, or other material to distribute?

Yes ☒ No \_\_\_\_\_

(If yes, please provide copies to the Chairman or Committee Clerk)

How much time will your testimony require? 5 min.

- Committee Chair may limit testimony in the interest of time

Chairman Young, Vice Chairman Duffey, Ranking Member Hagan and members of the Commerce, Labor and Technology Committee,

On November 4, 2013 I had an experience with what I consider to be a predatory towing practice. I am currently a graduate student at OSU and a case study had been assigned by one of my professors. As I live in Licking County and commute in, I am not very familiar with the campus overall. The case study was to be picked up at "the SBX".

I have drawn all the following from an email I sent to Erin Prosser of Campus Partners and Wayne Garland of Buckeye Real Estate the day I was towed:

I was told it was near 15<sup>th</sup> and High. When I looked it up on Google maps, I saw a picture of a building with red awnings. I got to 15th and High and saw a bookstore called Long's Books with red awnings (I am 44 years old and assumed SBX must have been shorthand for "student book exchange" which must be that bookstore - I've not used the campus bookstores before). I pulled into the parking lot on the north side of the building at 12:01 pm. I know this because I checked the time to be sure I would be on time for my class.

I went to the front corner door and found it locked with the windows blacked. So, I went down the side of the building to the northeast corner, where there was another door indicating copy services. I found it also blacked out and locked. Thinking they must have a single entrance located at the front, I went back up to the front corner, rounding onto High St. I walked along the entire front and found all doors blacked and locked. Very confused at this point, I went into the Cane's Chicken next door to see what they could tell me. A customer told me it was out of business and the SBX was another block down so I went to the restroom then went back to my car.

When I got to where I had parked my car, it was gone. It was 12:09 pm. A tow truck pulled into the lot and started towing another car. A girl started running across the street from a store called UBX asking what he was doing. She said she had come to the bookstore, found it closed, and went to the one across the street. At this point, I figured out my car had been towed. I asked the driver if he had towed my car and he said no. I asked where my car was taken and he told me to call the number on the sign on the wall. I had to walk about 2/3 the way down the building to find a sign that said private parking and had a number to call. The person who answered told me I could claim my car at an impound on Hamlet and 5th. The girl whose car was being towed convinced the driver to not tow her car for \$50. I asked her if she would give me a ride to the impound lot and I paid her the only cash I had - \$5.

At the lot, I walked in and said I was there to pick up my car. I admit I was not in a pleasant state of mind and a number of expletives crossed my lips. He told me it would be \$148. I gave him my credit card and he pointed to a sign that said "cash only". I asked how I was supposed to get that kind of cash and he said there was an ATM behind me. I turned to find a machine 2 feet behind me. I took out the money - with a \$5 withdrawal fee - and paid for my car. I asked who owned the lot where my car was towed from and he said I would have to call the tow company. There were 2 tow trucks from that company in the locked in area where the cars were stored!

I called Shamrock towing and they told me the property management company was Buckeye Real Estate. I looked it up and found it is located kitty corner from the lot my car was towed from. I drove over to complain. The woman who helped me, Julie, was great. Again, I was in a sorry state of affairs and not comporting myself well - I felt like my car had been stolen from me (which has actually happened before) and was shocked by this unethical situation. I calmed down and apologized profusely for my rudeness as I knew it wasn't her personal fault. She said there are signs on the building indicating it is not an operational book store and it's a private lot. I told her there are no signs indicating it is not a bookstore and I thought the private parking lot referred to the fact that the parking lot was reserved for that business - a common practice. I told her I had pictures. She said she would have to go over and take her own pictures and talk to the boss. She called me a couple hours later and said she showed the pictures to the tow company and the tow company agreed to reimburse me for half the cost. I told her this was unethical. My car was there for less than 10 minutes (that is the amount of time I was away from it - it was obviously towed faster than that) - that it was towed before I was even able to figure out I was parked at a non-business that appeared to be the business in question. I also told Julie that I'm sure you have security cameras which you would be able to check to see me going from door to door trying to find the correct entrance into the business.

Ultimately, Julie called me back that late afternoon and told me she had spoken with Shamrock towing and they agreed to refund me half the money I was charged. I received a check for exactly half a couple days later.

There are other issues to this story besides what I consider to be an, at the very least, unethical tow which are not specifically pertinent to the way my car was towed and how it was handled by Shamrock. But, in regard to Shamrock, when I started doing research in my quest for some sort of justice, I found a nearly identical experience to mine in a report to the Better Business Bureau. Moreover, the second entry under the Google search "shamrock towing unethical Columbus" brings up a reference on Urban Dictionary:

5.

shamrock

Verb.

(1) To screw someone over; scam.

(2) To inflict severe injury upon someone as leverage to facilitate the extortion of money.

"Shamrock" is most frequently encountered in the passive, as in, "you have been shamrocked."  
(Origin: Shamrock Towing, a notoriously unethical business in the greater Columbus, Ohio area, ca. 1957)

(1) After paying \$115 for the predatory towing of his car, Willis figured out he'd been shamrocked and called an attorney.

(2) "You didn't pay Vinnie your protection this month?! Buddy, you are sooo shamrocked!"

It is clear to me this is a significant problem which needs to be addressed. Thank you for the opportunity to speak here today. I would be happy to answer any questions you may have.

**TESTIMONY OF OHIO INSURANCE INSTITUTE IN SUPPORT OF  
HOUSE BILL 382  
HOUSE COMMERCE, LABOR & TECHNOLOGY COMMITTEE  
JANUARY 29, 2014**

Mr. Chairman, Vice Chairman Duffey, Ranking Member Hagan and members of the House Commerce, Labor and Technology Committee, thank you for opportunity to voice support for House Bill 382.

I am Dean Fadel and appear before you today on behalf of the Ohio Insurance Institute, which is the state trade association representing the Ohio-based property and casualty insurance industry.

Our members account for over 80% of all of the private passenger auto insurance written in this state, and several of our members operate in every state in the country.

Auto insurance companies are major payers of towing services in Ohio and throughout the country and have front-line experience with the different regulatory schemes for towing operators.

Unfortunately many of those with national experience describe Ohio as the wild-west when it comes to towing.

There is great power in being able to legally take and hold for payment what in many cases is a person's most expensive and vital asset. With this power there should be more oversight and consumer protection.

Compared to most other states Ohioans are practically powerless when faced with tow truck operators who act dangerously or unfairly.

Fortunately, however, the members of the Ohio Insurance Institute express the sentiment that the majority of the towing operators in this state are honest and reputable businesses, providing an important service in a safe and reasonable manner.

But without proper regulations Ohioans will continue to be vulnerable to abuses perpetrated by a few operators who give the entire industry a black-eye.

In our opinion Representatives Duffey and Bishoff have provided a solid foundation to put Ohio's law in-line with the majority of other states which protect their citizens against abusive and unfair towing practices.

I would like to identify for you what we believe are some additional areas where we believe the evidence justifies the need for additional consumer protections.

First, we applaud the bill's provision in directing the PUCO to establish a complaint resolution process where excessive fees and questionable practices can be challenged.

Our members have found the West Virginia complaint resolution process to be quite effective in combating outlandish fees and reducing the dishonest and unsafe use of the right to tow someone's car.

We would also respectfully ask your consideration of expanding this authority to require all licensed tow truck operators to annually file their rate schedules with the PUCO. We are not advocating for the state to establish maximum rates for non-police-ordered tows as is the case in West Virginia, but the mere filing of rates by licensed operators with the PUCO would demonstrate which fees are fair and those that are not, because as we said, most operators are fair and honest.

We feel this information should give the PUCO the ability to better determine what constitutes excessive fees and more importantly would provide evidence to help reduce the incidence of the practice of charging outlandish fees.

We also believe providing the PUCO the authority to specify the minimum content for a towing invoice would benefit consumers in this regard.

We would also suggest you consider establishing reporting requirements for tow truck operators that would facilitate a single location for finding where a car may have been towed.

There are many cases where an auto is reported stolen, an auto insurance company has thus paid a total-loss claim to the policyholder, and then a couple months later the car turns-up in a storage lot.

Other recommendations for your consideration in response to the abusive practices of some of the tow truck operators in Ohio include:

- Broaden permissible forms of payment
- Specify minimum hours of operation to allow predictable and quicker retrieval
- Require access to a towed/stored vehicle for the retrieval of personal property
- Provide uniform standards and guidelines by which a person can evidence proof of ownership or right of possession

Thank you again for the opportunity to offer these suggestions, and we would certainly greatly appreciate any consideration you may give to them during your deliberations on this bill.

We would be happy to provide any other information that might assist your efforts and at this time I would be happy to attempt to answer any questions the committee might have.

## Witness Information Form

Please Complete the Witness Information Form Before Testifying

Date: Wednesday, January 29, 2014

Name: Georgianna Persons

Organization (If Applicable):

Position/title:

Address: 3801 Lakeview Drive

City: Galena State: OH Zip: 43021

Telephone: 740.971.1620

Email:

Are You Representing: Yourself

Organization X

Do You Wish to Testify On:

- Legislation (bill number): H. B. No. 382
- Specific issue:
- Subject matter:

Are You Testifying as a:

- Proponent: X
- Opponent:
- Interested Party:

Do you have a written statement, visual aids, or other material to distribute?

Yes ☒ No ☒

(If yes, please provide copies to the Chairman or Committee Clerk)

How much time will your testimony require?

- *Committee Chair may limit testimony in the interest of time*

GEORGIANNA PERSONS

3801 LAKEVIEW DRIVE

GALENA, OH 43021

(740) 971-1620

Here is a synopsis of what occurred, if this will be of any help to you when you send the letter.

On Thursday, Jan. 3, my Ford Expedition was towed from behind the Mangos Cafe located on 21 Smith Street, Columbus, OH 43021. On Smith Street, there is a sign indicating that there is specific parking for Mangos Cafe in the back, so that is where the vehicle was parked. (I have attached a photo of this sign on Smith Street, photo #3.) My son, Robert, was the driver, and he had a passenger who can verify the location of where he parked.

The invoice number from the towing receipt is #192553. I paid \$143.89 (cash only accepted) and Bobby reimbursed me. The vehicle was picked up that same evening, after midnight. The time stamp on the receipt is 1:29 a.m. I took a photo of where the vehicle was parked that evening at 1:22 a.m. when I arrived to pick up my son and his friend at the cafe (photo #4A). The truck was parked approximately right in front of the white car, directly behind the tan building that is in the center of the photo. I also took a photo the next morning (photo #4). My vehicle, the grey truck, is pictured on the left, and would have been parked directly in front of where it is in this photo, on the snow.

Also, a close up of the sign where the vehicle was parked in front of. (photo #5)

I spoke with the gentleman at Metro Storage when I paid the bill and picked up the vehicle, to try and determine why it was towed. He did not know, and told me to call Shamrock. I spoke with Marie at Shamrock that evening, and she suggested I call back during the day. On Monday, I called and spoke with Nikki who gave me the email address of the office manager, Jed Duffy. According to the Better Business Bureau website, the president is David Duffy. <http://www.bbb.org/centralohio/business-reviews/towing-automotive/shamrock-towing-inc-in-westerville-oh-20002880> Shamrock Towing has an "F" rating at the BBB.

Nikki told me that the reason the vehicle was towed was due to not having a permit displayed. When I asked if someone had called to have it towed, she said no, that the property owner has contracted Shamrock Towing to patrol the location and tow vehicles without the required permit. When I asked who the property owner was, she told me she was not able to give out that information. I also told her that the sign posted is almost completely blank and unreadable; Nikki told me that the maintaining of the signage is the property owner's responsibility, and if I wanted to try and get a refund, it would have to be from the property owner.

And three photos which show a panoramic view of the entire lot. (photos #6, #7, #8)

I spoke with the owner of Mangos Cafe on Friday afternoon, and he informed me that the



parking lot is divided into three sections. His section is the part on the left where you can see the blacktop, the part that is cleared of snow. My son was parked just on the snowy part. This can be seen in photo #6.

Photo #9 is the building that has the same address at the address on the receipt, which is not where the vehicle was parked.

Photo #10 is a closeup of this sign. I included this because it does not include a \$35 administrative fee.

If this will help, here is more information I found:

Ohio Code 4513.60 (B)(1)(a)(iii): (this pertains to the sign that must be displayed by the property owner)

A statement that the vehicle may be recovered at any time during the day or night upon the submission of proof of ownership and the payment of a towing charge, in an amount not to exceed ninety dollars, and a storage charge, in an amount not to exceed twelve dollars per twenty-four-hour period; except that the charge for towing shall not exceed one hundred fifty dollars, and the storage charge shall not exceed twenty dollars per twenty-four-hour period, if the vehicle has a manufacturer's gross vehicle weight rating in excess of ten thousand pounds and is a truck, bus, or a combination of a commercial tractor and trailer or semitrailer.

Ohio Code 4513.6 (E): (what the towing company can charge)

(E) The owner of a motor vehicle that is ordered into storage pursuant to division (A)(1) of this section or of a vehicle that is removed under authority of division (B)(2) of this section may reclaim it upon payment of any expenses or charges incurred in its removal, in an amount not to exceed ninety dollars, and storage, in an amount not to exceed twelve dollars per twenty-four-hour period; except that the charge for towing shall not exceed one hundred fifty dollars, and the storage charge shall not exceed twenty dollars per twenty-four-hour period, if the vehicle has a manufacturer's gross vehicle weight rating in excess of ten thousand pounds and is a truck, bus, or a combination of a commercial tractor and trailer or semitrailer. Presentation of proof of ownership, which may be evidenced by a certificate of title to the motor vehicle or vehicle also shall be required for reclamation of the vehicle. If a motor vehicle that is ordered into storage pursuant to division (A)(1) of this section remains unclaimed by the owner for thirty days, the procedures established by sections 4513.61 and 4513.62 of the Revised Code shall apply.

Articles about pending litigation regarding the administrative fee:

<http://www.thelantern.com/campus/towing-companies-sued-for-overcharging-near-ohio-state-campus-1-2898105#.UOsqKHeAIKU>

<http://wosu.org/2012/news/2012/08/29/lawsuit-two-columbus-towing-companies-over-charging-customers/>

"Ohio law states towing companies are prohibited from charging more than \$90 for towing and \$12 per day for storage, but according to a lawsuit filed Aug. 29 with the Franklin County Court of Common Pleas, Shamrock Towing and Camcar Inc. regularly charge an additional \$30 administrative fee that the law does not allow."

Thank you once again for being willing to send a letter. I know that \$143.89 doesn't sound like a lot; the \$35.00 administrative fee is even less I know - but it is a great deal of money to a college kid who has books to buy and fees to pay.

Sincerely,  
Georgi Persons



# Shamrock Towing, Inc.

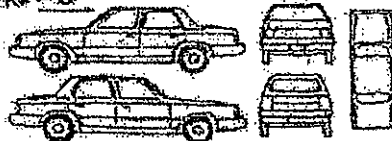
1-800-540-4151 • 614-882-3555 • FAX 614-882-3555  
6338 Frost Road, Westerville, Ohio 43082-9916  
Storage Yard:  
1145 Hamlet St., Columbus, Ohio

192553

Pl. 1-3 83 Mileage  
Year 03 Make Ford Model 4d  
License No. DUE 8208 Color gray  
VIN 1FMPU16L33L1350379  
Pick Up 1239 N 14131

Destination  
Owner Georgiana Person S  
Address 3801 LAKEVIEW DR 43021  
City IND State IN Zip 46046

Towing Charge		90	
Winching or <del>pull</del>			
Storage <u>612</u>		12	50
Re-Tow to:			
Miles to:	Miles towed:		
Towing & Storage Paid Out			
Admin. Fee		35	
Fuel Charge			
P.O. No.	Subtotal	157	00
How to	Tax	6	89
DR# <u>5</u>	Grand Total	143	89
PK# <u>23</u>	VEHICLE DAMAGE		



ADDITIONAL DAMAGE  
PARTS MISSING, ETC.

All damage claims must be made before vehicle leaves impound lot.  
PAID CASH CHECK CREDIT CARD ACCOUNT (Cash Only)

Remarks:

Remarks: Vehicle in good condition

Signature: Georgiana Person

CUSTOMER INVOICE



Photo #2--Aerial photo of parking lot. Truck would have been approximately where center white vehicle is.

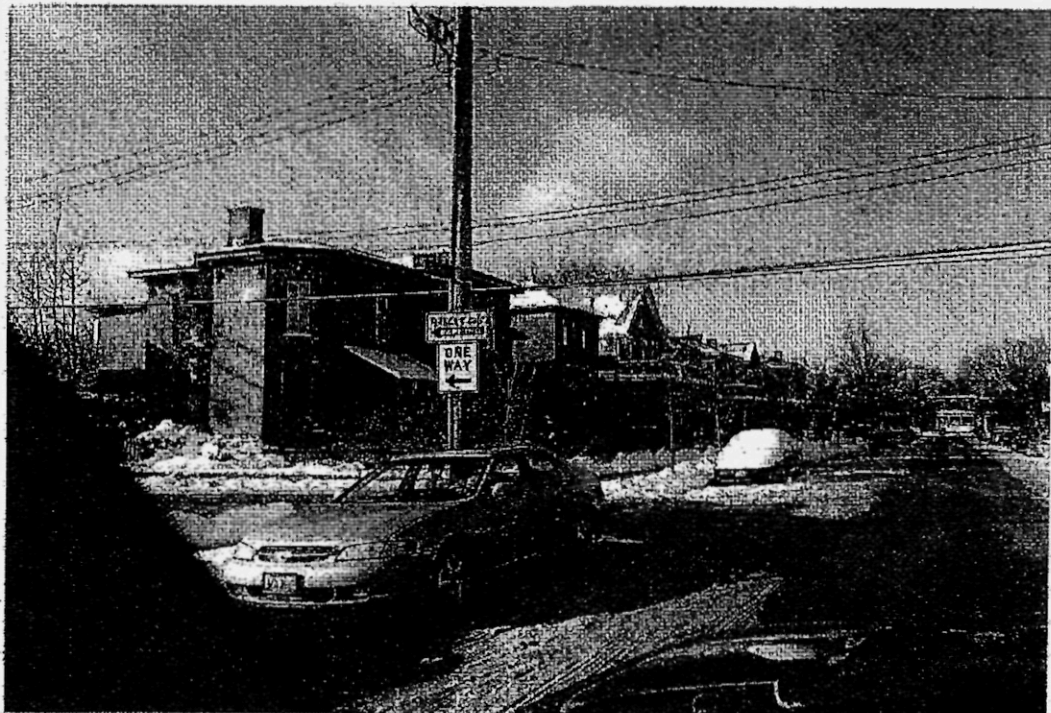


Photo #3 - Sign for Mangos Cafe parking as seen from Smith Street.



Photo #4A -- Photo taken that night. Truck was parked on the snow in front of the white car.

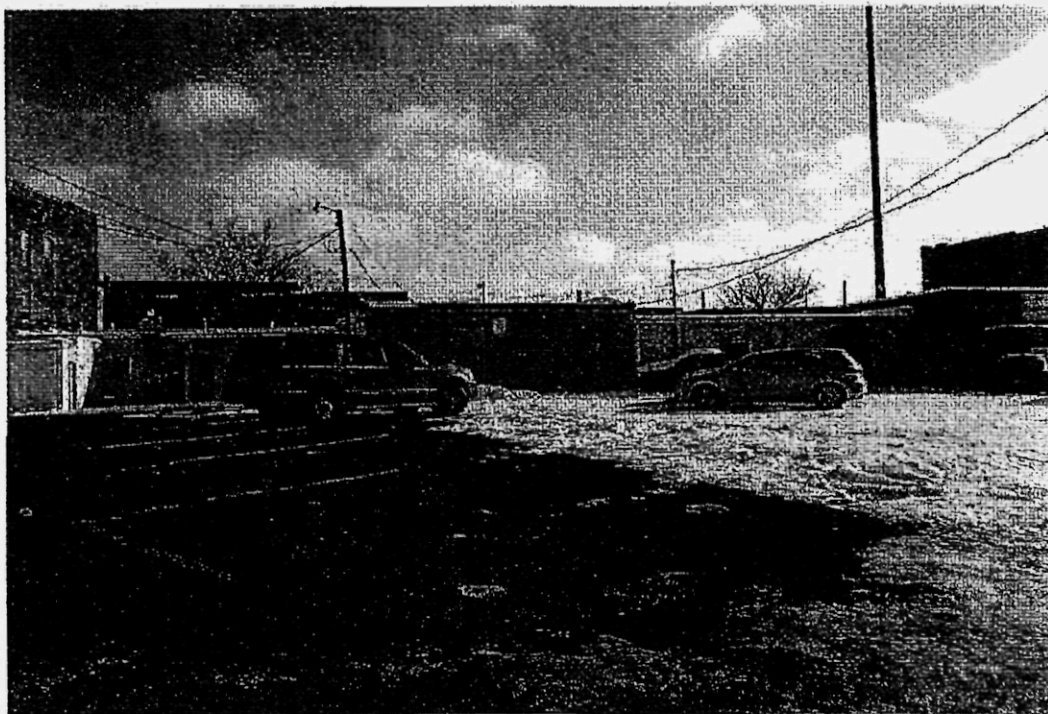
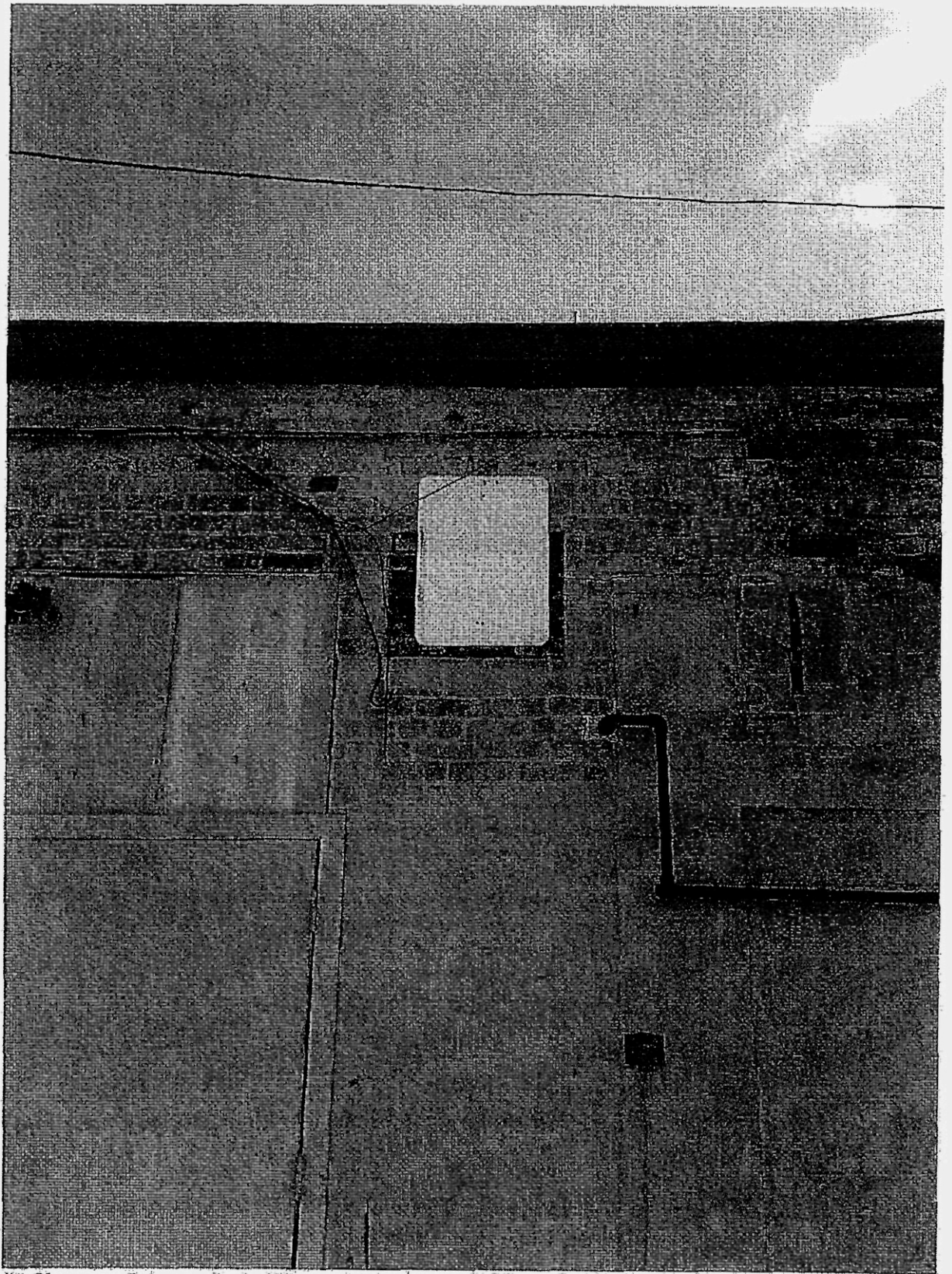
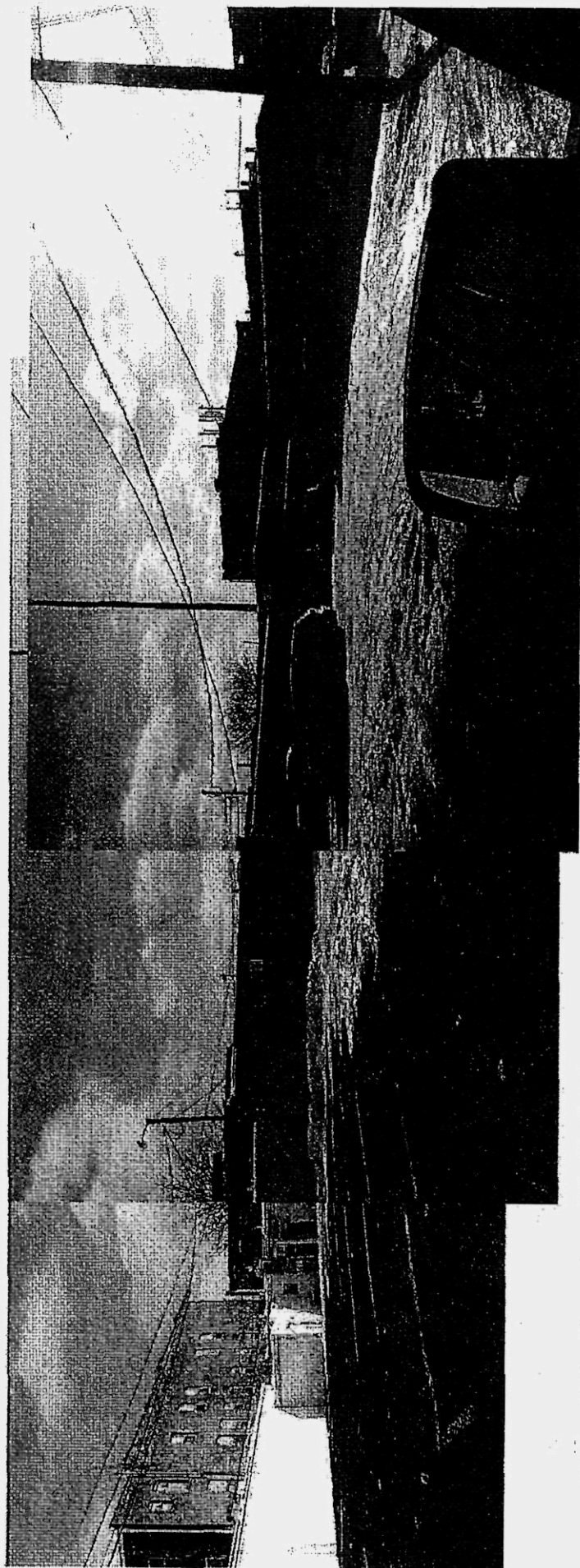


Photo #4 -- Photo taken the next morning. Approximation of where truck was parked -- on the snow between grey truck and silver car.

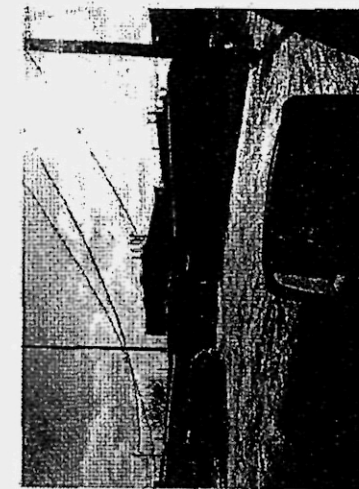
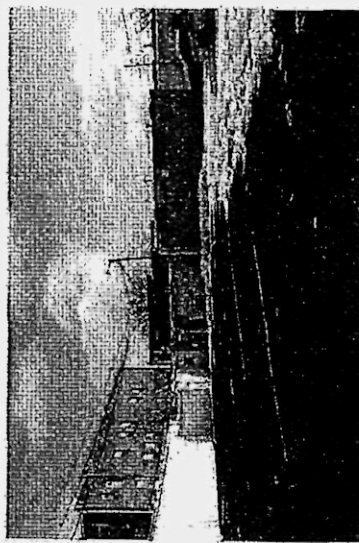


#5 Close up of sign on the building – this is the one Bobby parked in front of.

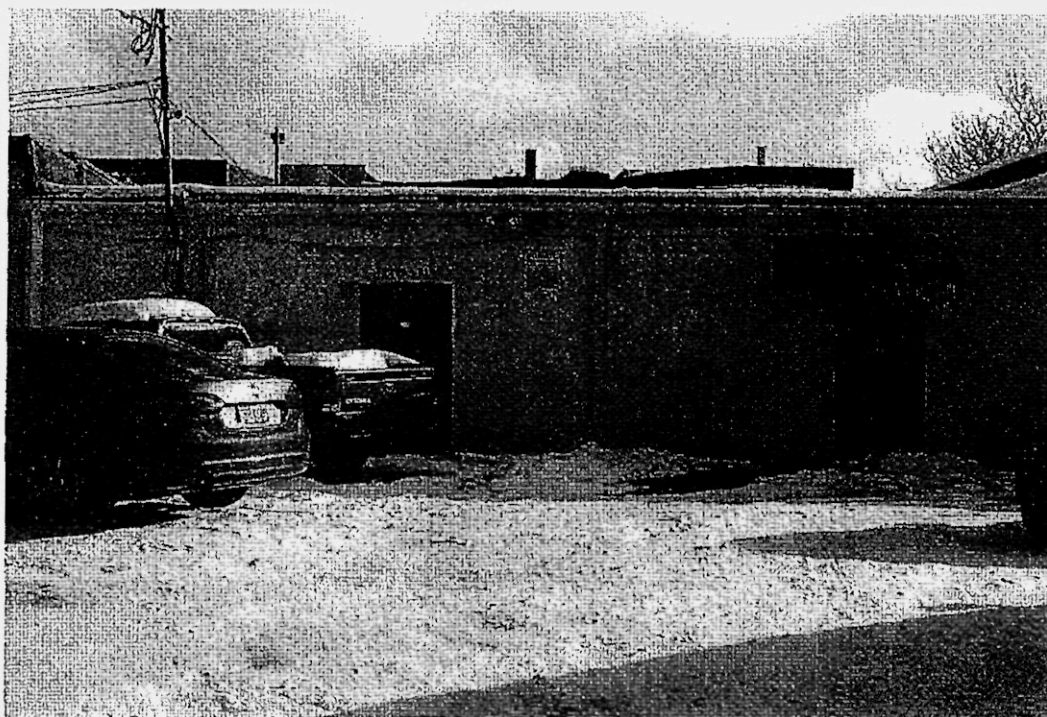




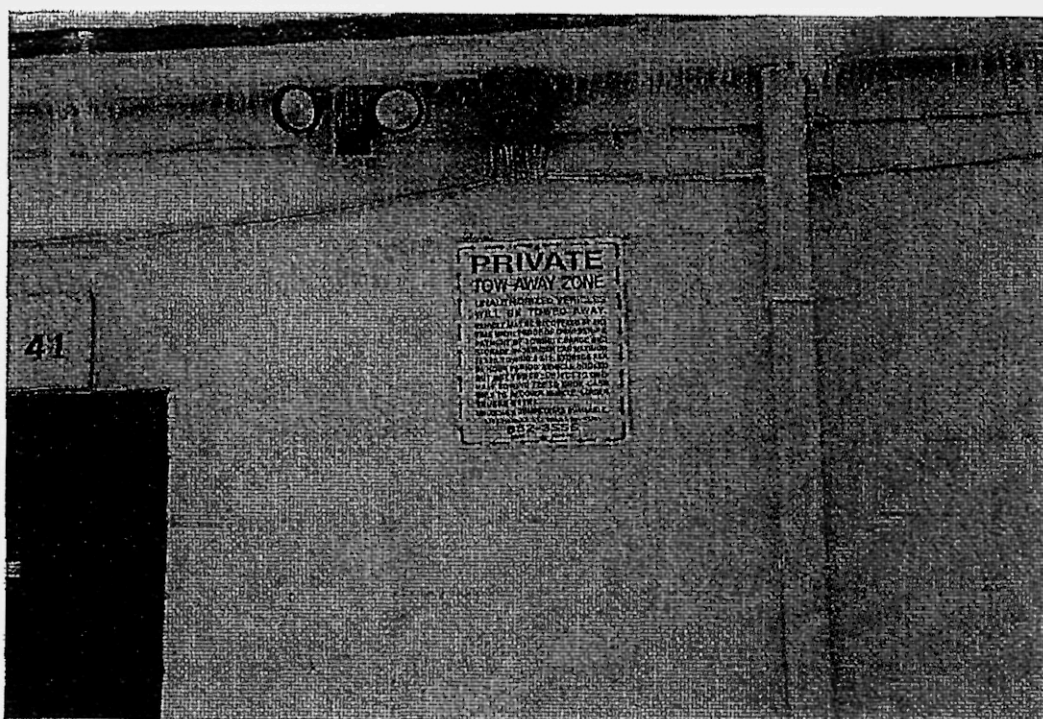
Photos #6-8 of the entire parking lot (stitched together very poorly!)



#6, #7, #8 -- Original photos of the parking lot. Mangos Cafe is on the extreme left, and I believe the address listed on the towing receipt is on the extreme right.



#9 Building to the north with the address listed on the towing receipt. This is not the building Bobby parked in front of.



#10 Close up of that sign on #1239-1241 High St.



#### **4901:X-X-X Tow Truck Classification and Required Equipment.**

(1) Each tow truck owned or maintained by a towing service shall be commercially manufactured and shall conform to the requirements of this rule. The tow truck and equipment shall be operable.

(2) A towing service's tow trucks and equipment shall be inspected and approved by the Public Utilities Commission of Ohio upon issuance of a certificate of public convenience and necessity pursuant to O.A.C. 4901:2-21-05. Thereafter, trucks and equipment shall be subject to periodic checks as necessary to ensure compliance with these rules.

(3) Sirens on tow trucks are prohibited.

(4) Specifications and required equipment shall be as follows:

(a) ALL tow trucks (All Classifications) shall include the following:

1. An underlift or approved towing device;
2. If used, u-bolt adapters, forks, and other attachment and retaining devices that are commercially manufactured
3. Dual rear wheels.
4. A strobe-type or LED light, amber, green or red in color. Red lights must be mounted on the tow truck in such a manner that it can be seen only from the rear.
5. Ohio Department of Transportation approved tow lights.
6. The certificate number and telephone number must be painted or permanently affixed on both sides of the truck as required by Ohio Revised Code Section 4513.67.
7. At least one heavy duty push broom.
8. One square shovel.
9. One crowbar or prybar with a minimum length of thirty (30) inches.
10. Minimum of one (1) five pound CO<sub>2</sub> or dry chemical fire extinguisher or equivalent of the approved type.
11. One set of jumper cables.
12. One four-way lug wrench.
13. One flashlight.
14. Five thirty minute road flares.
15. One snatch block for each winch with manufacturer's rating to match winch.
16. Extra towing chain six to eight feet in length matching the manufacturer's capacity
17. Five gallons of oil absorbent

(b) Class "A" Tow trucks – For the removal of cars and light duty trucks and vehicles weighing 14,000 pounds gross vehicle weight or less. Specifications and equipment in addition to requirements outlined in paragraph (4)(a), shall be as follows:

1. A truck chassis with a manufacturer's rated capacity of at least 14,000 pounds gross vehicle weight. A complete, commercially manufactured boom and winch(es) having a manufacturer's combined rating of at least 4 tons must be mounted on the chassis. Hand crank winches do not satisfy these requirements.
2. A minimum of one hundred feet of 3/8-inch IWRC ("Independent Wire Rope Core") cable.
3. A minimum of two 5/16-inch alloy safety tie-down chains.
4. Vehicles which are equipped with wheel lifts or the equivalent may also qualify as Class A tow trucks so long as they are equipped with a boom and all other applicable requirements are met. Wheel lifts shall be

rated at a minimum of 3,000 lbs. lift capacity and must utilize wheel safety straps of sufficient strength when lifting vehicles by the wheels only.

6. Operators who wish to remove cars and light trucks may have, in addition, a roll-back or slide-back carrier truck/trailer with specifications and equipment as provided in subsection (c) of this rule.

(c) Class "A" Roll-Back or Slide-Back Tow trucks – For the removal of cars and light duty trucks and vehicles weighing 14,000 pounds gross vehicle weight or less. Specifications and equipment for roll-back or slide-back carriers in addition to the requirements outlined in subparagraphs (4)(a)3-19, shall include the following:

1. A truck chassis with a manufacturer's rated capacity of at least 19,500 pounds gross vehicle weight, not to exceed 26,000 pounds gross vehicle weight, with a minimum of a eighteen (18) foot bed, dual rear wheels and a winch with at least 8,000 pound capacity.
2. A minimum of 50 feet of 3/8-inch cable.
3. A minimum of four 5/16-inch alloy safety tie-down chains or equivalent.

(d) Class "B" Tow trucks – For removal of medium duty trucks or vehicles weighing 26,000 pounds gross vehicle weight or less. Specifications and equipment in addition to the requirements outlined in paragraph (4)(a), shall be as follows:

1. A truck chassis with a manufacturer's rated capacity of at least 26,000 pounds gross vehicle weight. A complete, 12,000 pound capacity twin-winch, commercially manufactured boom and winches having a manufacturer's combined rating of at least twelve (12) ton capacity mounted on the chassis. An underlift with a 8,000 pound capacity.
2. A minimum of one hundred fifty feet of at least 7/16-inch IWRC cable on each drum.
3. A minimum of two 3/8-inch alloy safety tie-down chains.
4. One set of scotch blocks for wheels or hydraulic rear-extendable scotch blocks.

(e) Class "C" Tow trucks – For the removal of heavy duty trucks, house trailers, buses, etc., weighing 33,000 pounds gross vehicle weight or less. Specifications and equipment in addition to the requirements outlined in paragraph (4)(a), shall be as follows:

1. A truck chassis with a manufacturer's rated capacity of at least 33,000 pounds gross vehicle weight and 52,000 pounds gross vehicle weight for tandem axle trucks. A complete, twin-winch, commercially manufactured boom and winches having a manufacturer's combined rating of at least 25 ton capacity mounted on the chassis. An underlift with a 25,000 pound capacity retracted and 12,000 pound capacity extended.
2. A minimum of two hundred feet of at least 5/8-inch IWRC cable on each drum.
3. A minimum of two 5/8-inch alloy safety tie-down chains.
4. Air brakes so constructed as to lock the rear wheels automatically upon failure.
5. External air hookup and hoses, to supply air to disabled vehicles.
6. One set of scotch blocks for wheels or hydraulic rear-extendable scotch blocks.

(f) Class "C" Transporters – For the removal of disabled heavy duty trucks, house trailers, buses, etc., weighing 33,000 pounds gross vehicle weight or more. Specifications and equipment in addition to the requirements outlined in paragraph (4)(a), shall be as follows:

1. If the vehicle is equipped with a winch, a winch with a capacity of 25,000 pounds. An underlift with a 25,000 pound capacity retracted and 12,000 pound capacity extended.
2. Two hundred feet of 5/8-inch cable IWRC
3. A minimum of two 5/8-inch alloy safety tie-down chains.

4. Air brakes so constructed as to lock the rear wheels automatically upon failure.
5. External air hookup and hoses, to supply air to disabled vehicles.
6. One set of scotch blocks for wheels or hydraulic rear-extendable scotch blocks.

(g) Class "D" Tow trucks – For the removal of super heavy duty trucks, tractor trailers, etc., weighing over 33,000 pounds gross vehicle weight. Specifications and equipment in addition to the requirements outlined in paragraph (4)(a), shall be as follows:

1. A truck chassis with a manufacturer's rated capacity of at least 52,000 pounds gross vehicle weight and 54,000 pounds gross vehicle weight for tandem axle trucks. A complete, twin-winch, commercially manufactured boom and winches having a manufacturer's combined rating of at least 35 ton capacity mounted on the chassis. An underlift with a 32,000 pound capacity retracted and 16,000 pound capacity extended.
2. A minimum of two hundred fifty feet of at least 3/4-inch IWRC cable on each drum.
3. A minimum of two 5/8-inch alloy safety tie-down chains.
4. Air brakes so constructed as to lock the rear wheels automatically upon failure.
5. External air hookup and hoses, to supply air to disabled vehicles.
6. One set of scotch blocks for wheels or hydraulic rear-extendable scotch blocks.

pally owned or controlled utility, shall supply each and every subscriber or consumer with a card showing a facsimile of the badge worn by his or its employees who are authorized to enter dwellings or other buildings for the purpose of reading meters and inspecting equipment, or for any other purpose. Such cards shall also bear the number of the meter or telephone instrument of such consumer or subscriber. All such persons and corporations shall supply all their meter readers, inspectors or such other persons who may be authorized to enter dwellings or buildings with the numbers of such meters and instruments on their respective routes for the purpose of comparison.

#### **677.05 Entering Without Badge, with Someone Else's Badge**

No person, other than the one to whom or for

whom such badge or card is issued, shall wear, carry or use such badge or card. None of the aforesaid employees shall enter any dwelling house or other building for the purposes aforesaid unless he wears and carries with him the badge and card. No person not such an employee shall attempt to enter or claim the right or privilege of entering any dwelling house or building for the purposes aforesaid.

#### **677.99 Penalty**

Whoever violates any of the provisions of this chapter shall be fined not less than ten dollars (\$10.00) nor more than two hundred dollars (\$200.00) or be imprisoned for sixty days, or both.

## **Chapter 677A TOW TRUCKS**

677A.01	Definitions
677A.02	License Required
677A.03	License Application
677A.04	Issuance of License
677A.05	Term of License
677A.06	Assignment or Transfer of License
677A.07	Denial, Suspension or Revocation of License
677A.08	Appeal from License Denial, Suspension or Revocation
677A.09	Liability Insurance Required
677A.10	Tow Truck Identification
677A.11	Responding to the Scene of an Accident
677A.12	Transport Sheet Required
677A.13	Records
677A.14	Drivers' Licenses
677A.15	Convictions Barring Issuance of License
677A.16	Drivers' Photographs
677A.17	Issuance, Form and Term of License
677A.18	Temporary Permits
677A.19	License Certificate
677A.20	Renewal of License
677A.21	License Fees
677A.22	Suspension or Revocation of License
677A.23	Records of Licenses
677A.99	Penalty

#### **CROSS REFERENCES**

Impounding, CO Ch 405  
Towing requirements, CO 439.10  
Commercial and heavy vehicles, CO Ch 439

#### **677A.01 Definitions**

As used in this chapter:

(a) "Driver" or "operator" means a person who drives or is in actual physical control of a tow truck on a public street or public right-of-way in the City.

(b) "Person" means a natural person, firm, co-partnership, association or corporation.

(c) "Tow truck" means a truck or any other vehicle adapted or used for the purpose of towing, winching or otherwise removing disabled motor vehicles.

(d) "Tow truck owner" means a person engaged in the business of offering towing services for compensation, and includes a lessee in operation of a tow truck.

(e) "Towing" means the act of pulling or dragging a vehicle behind the tow truck which is doing such pulling or dragging. "Towing" includes flat bed towing. The towed vehicle can be self-

supporting, carried on a dolly-type platform or supported on any other item necessary to facilitate such towing. (Ord. No. 1053-A-80. Passed 1-12-81, eff. 2-21-81)

#### **677A.02 License Required**

(a) No owner of a tow truck shall permit such tow truck to be used for the purpose of towing in the City unless a valid tow truck owner's license, obtained pursuant to this chapter, has been issued and is in force for that tow truck.

(b) This section does not apply when the property being towed is owned by the person doing the towing, and is being transported for recreation, sport or show, or when the property being towed has been picked up outside the City and is either in the process of being delivered to a location in the City, or is being towed through the City to be delivered elsewhere.

(c) Evidence of the ownership of a vehicle being towed shall be presented to a police officer or inspector upon demand and shall consist of either a certificate of title or a bill of sale for the vehicle. (Ord. No. 1053-A-80. Passed 1-12-81, eff. 2-21-81)

#### **677A.03 License Application**

(a) An application for the license required by Section 677A.02 shall be made in person at the office of the Commissioner of Assessments and Licenses on forms provided and information as the Commissioner may deem necessary shall be given under oath. It shall be mandatory rejection of the application or revocation of an issued license if any of the required application information is misrepresented or untrue.

(b) Each application for the license shall be accompanied by a fee of one hundred twenty-five dollars (\$125.00) for the original license and thirty dollars (\$30.00) for each additional license if a person licenses more than one vehicle. Each application for the replacement of a lost, stolen, or missing license shall be accompanied by a fee of thirty dollars (\$30.00). (Ord. No. 2393-02. Passed 2-3-03, eff. 2-3-03)

#### **677A.04 Issuance of License**

Upon approval of the application provided for in

Section 677A.03, the Commissioner of Assessments and Licenses shall issue the license and, as evidence thereof, a metal tag bearing the number of the license. The tag shall be six inches by eight inches and of an annual contrasting color as determined by the Commissioner. The tag shall be permanently fixed to the front bumper of the licensed tow truck. (Ord. No. 1053-A-80. Passed 1-12-81, eff. 2-21-81)

#### **677A.05 Term of License**

All licenses issued pursuant to Section 677A.04 shall be issued for a period of two years, expiring on the 30th day of September in odd numbered years, unless sooner revoked by the Commissioner, provided, however, that any license issued pursuant to Section 677A.04 between the effective date of this section and September 30, 1993 shall expire on September 30, 1995 unless sooner revoked by the Commissioner. (Ord. No. 228-93. Passed 2-8-93, eff. 2-16-93)

#### **677A.06 Assignment or Transfer of License**

No license issued pursuant to Section 677A.04 shall be assigned or transferred to any other tow truck. (Ord. No. 1053-A-80. Passed 1-12-81, eff. 2-21-81)

#### **677A.07 Denial, Suspension or Revocation of License**

The Commissioner of Assessments and Licenses may deny the issuance of a tow truck owner's license to a person who, upon investigation, clearly lacks the qualifications and fitness to be licensed under this chapter. A license granted or issued pursuant to the terms of Section 677A.04 may be suspended or revoked at any time by the Commissioner upon:

(a) Satisfactory proof of a violation of this chapter for reasons which could have been grounds for the refusal to issue an original license; or

(b) Satisfactory proof that the tow truck owner has failed to resolve complaints involving parts or property taken from an impounded vehicle or damage to an impounded vehicle when such complaints are substantiated by information contained in forms prescribed in rules and regulations promulgated by the Director of Public Safety. (Ord. No. 1053-A-80. Passed 1-12-81, eff. 2-21-81)

**677A.08 Appeal from License Denial, Suspension or Revocation**

License issuance shall be authorized and under the control of the Commissioner of Assessments and Licenses. In case of the refusal to issue a license or the revocation or suspension of a license by the Commissioner, the applicant or licensee may appeal from such order to the Board of Zoning Appeals established pursuant to Charter Section 76-6, provided that written appeal is filed with the Board Secretary within ten days of the date the decision being appealed was made. The Board shall conduct a hearing and render a decision in accordance with City ordinances and regulations governing its conduct and procedure. (Ord. No. 1053-A-80. Passed 1-12-81, eff. 2-21-81)

**677A.09 Liability Insurance Required**

Each owner of a tow truck shall furnish, at the time of application and/or renewal of such license, a certificate of insurance or an acknowledgment thereof, by an insurance carrier licensed to do business in the State, evidence of garagekeepers' legal liability, to protect property left in his care, custody or control, in an amount not less than one hundred thousand dollars (\$100,000) and general liability in an amount not less than three hundred thousand dollars (\$300,000). The provisions of this section relating to garagekeepers' legal liability shall not apply to a tow truck owner who establishes to the satisfaction of the Commissioner of Assessments and Licenses that such owner does not own, operate or maintain garage or vehicular storage facilities. (Ord. No. 1053-A-80. Passed 1-12-81, eff. 2-21-81)

**677A.10 Tow Truck Identification**

Any person engaged in the business of offering towing services shall have imprinted on both sides of any vehicle used as a tow truck, slide or tilt-bed carrier, or car hauler, the name, address and telephone number of the person owning such vehicle. The name shall be printed in letters at least three inches high and not less than three-eighths of an inch wide, while the address, place and phone number shall be in letters two inches high and not less than three-eighths of an inch wide. Lettering shall be done in color which will contrast sharply with the background upon which it is painted and shall be placed in such position as to be easily seen by any-

one wishing to identify the vehicle. Markings shall be kept clear and distinct at all times. (Ord. No. 1053-A-80. Passed 1-12-81, eff. 2-21-81)

**677A.11 Responding to the Scene of an Accident**

No person licensed under Section 677A.02, or any of his agents or employees, shall respond to the scene of an accident unless either summoned by a person having a direct interest in the vehicle or vehicles involved or dispatched thereto as provided in the rules and regulations promulgated by the Director of Public Safety pursuant to Chapter 135. (Ord. No. 1053-A-80. Passed 1-12-81, eff. 2-21-81)

**677A.12 Transport Sheet Required**

Tow truck operators shall at all times maintain a current transport sheet containing the following information in the proper sequence on motor vehicles that are moved from one location to another:

- (a) Date and time;
- (b) Moved vehicle owner's name and address;
- (c) Moved vehicle's serial or license number; serial number required if vehicle is taken anywhere other than licensee's lot;
- (d) Year, make and model of moved motor vehicle;
- (e) Location of origin of transport;
- (f) Location of destination of transport;
- (g) Amount of charges;
- (h) Name of person who authorized transport.

Such entries on the transport sheet are to be made at the time of each act and recorded legibly, accurately and completely as directed in this section. These transport sheets shall be made available for inspection upon the request of any police officer. This section shall not apply to salvage motor vehicle dealers.

No tow truck shall have in tow a motor vehicle for which the operator does not have in his possession authorization to remove such vehicle. The authorization of the owner or of an officer of the Police Division shall include, but not be limited to, the name of the owner of such motor vehicle, the name and telephone number of the person authorizing the moving of the motor vehicle, the motor vehicle reg-

istration number and/or the vehicle identification number. (Ord. No. 1053-A-80. Passed 1-12-81, eff. 2-21-81)

#### **677A.13 Records**

The owner of a truck shall maintain an accurate and complete file of transport sheets for each driver employed by him or her, including the owner if he or she is also an operator. Transport sheets shall be filed by date of occurrence and retained for a period of six months. Upon the request of the Director of Public Safety or his or her designee, such sheets shall be immediately available for inspection. (Ord. No. 1053-A-80. Passed 1-12-81, eff. 2-21-81)

#### **677A.14 Drivers' Licenses**

Every person driving a tow truck shall be licensed. Each applicant for a driver's license shall:

(a) Be eighteen years of age or over, an American citizen (or have declared his or her intention to become a citizen) and a bona fide resident of the County for thirty days next preceding the date of such application;

(b) Be of sound physique, with good eyesight and not subject to epilepsy, vertigo, heart trouble or any other infirmity of body and mind which might render him or her unfit for the safe operation of a public vehicle;

(c) Exhibit minimal competency in reading and writing the English language;

(d) Produce, on forms provided by the Commissioner of Assessments and Licenses, two character references of persons not related to the applicant;

(e) Fill out, on a form provided by the Commissioner, a statement giving his or her full name, residence and places of residence for five years previous to moving to his or her present address; his or her age, height, color of eyes and hair and place of birth; the length of time he or she has resided in the City; whether or not he or she is a citizen of the United States; places of previous employment; whether or not he or she has ever been arrested or convicted of a felony or misdemeanor; whether or not he or she has been summoned to court; whether or not he or she has previously been licensed as a driver or chauffeur, and if so, whether or not his or her license has ever been revoked and for what cause. Such statement shall be signed and sworn to by the applicant, and filed with the Commissioner, as a permanent record.

Any false statement made by the applicant shall be promptly reported by the Commissioner to the prosecuting attorney of the County. The Commissioner is hereby authorized to establish such additional rules and regulations, covering the issuance of drivers' licenses, not inconsistent with this chapter, as may be necessary and reasonable. (Ord. No. 1053-A-80. Passed 1-12-81, eff. 2-21-81)

#### **677A.15 Convictions Barring Issuance of License**

No driver's license provided for in Section 677A.14 shall be issued or renewed if the applicant therefor has been convicted of any of the following offenses:

(a) Manslaughter or negligent homicide, resulting from the operation of a motor vehicle;

(b) Driving a motor vehicle while under the influence of intoxicating liquors or drugs. A conviction under this subsection shall not bar the issuance of a license if the conviction occurred more than five years prior to the date of application or, upon a recommendation of the Commissioner of Assessments and Licenses, more than three years prior to the date of application.

(c) A felony, in the commission of which a motor vehicle was used;

(d) Failure to stop and render aid as required under the laws of the State, or leaving the scene of an accident as specified by the laws of the State;

(e) Perjury or false swearing in making a statement under oath in connection with his or her application for a driver's license;

(f) Conviction, or forfeiture of bail, not vacated, upon three charges of a violation of the motor vehicle laws of the State within a period of twelve months;

(g) Conviction of a violation of a law involving violence, theft or any form of stealing, or a crime involving moral turpitude that is reasonably related to the license referred to in this chapter, within five years preceding the filing of the application for such license;

(h) Repeated violations of City ordinances, which affect the safety of human life or limb on the streets of the City; or

(i) Possession by a tow truck driver, in his or her

tow truck, of opened or unopened beer, whiskey or wine; of drugs or other stimulants not specifically prescribed for him or her by a medical doctor for his or her private use; or of gambling equipment or paraphernalia, stolen goods or contraband property of any kind. (Ord. No. 1053-A-80. Passed 1-12-81, eff. 2-21-81)

#### **677A.16 Drivers' Photographs**

(a) Each applicant for the driver's license provided for in Section 677A.14 shall file with his or her application three unmounted, unretouched photographs of himself or herself, in such position as the Commissioner of Assessments and Licenses may direct, taken within thirty days preceding the filing of his or her application. Photographs shall be of a size which may be easily attached to his or her license. One of the photographs shall be attached to his or her license when issued, and the others shall be filed with the application in the office of the Commissioner.

The photograph shall be so attached to the license that it cannot be removed and another photograph substituted without detection. Each licensed driver shall, on demand of an inspector of licenses, a policeman or an affected citizen, exhibit his or her license and photograph for inspection.

Where the application for a license is denied, two copies of the photograph shall be returned to the applicant by the Commissioner.

(b) Applications with photographs attached shall forthwith be forwarded to the Bureau of Criminal Identification, Police Division. No license shall be issued under this chapter until the receipt in writing from such Bureau of a report showing the result of the investigation of the application. (Ord. No. 1053-A-80. Passed 1-12-81, eff. 2-21-81)

#### **677A.17 Issuance, Form and Term of License**

Upon satisfactory fulfillment of the applicable requirements of this chapter, there shall be issued to the applicant a license, which shall be in such form as to contain the photograph and name of the licensee. A licensee who defaces, removes or obliterates an official entry made on his or her license, shall be punished by revocation of his or her license. Such license shall be issued for a period of one year commencing on February 21, unless previously

revoked. (Ord. No. 1053-A-80. Passed 1-12-81, eff. 2-21-81)

#### **677A.18 Temporary Permits**

Except when an extraordinary public emergency arises adversely affecting transportation on the streets in the City, temporary permits when issued shall be on such terms and conditions as the Commissioner of Assessments and Licenses provides. However, such temporary permits shall in no event be granted for a longer period than fifteen days and may be renewable for similar periods, as necessary, only on the written recommendation of the Commissioner made to Council and approved thereby.

The fee for such a temporary permit is three dollars (\$3.00) for the driver. (Ord. No. 1053-A-80. Passed 1-12-81, eff. 2-21-81)

#### **677A.19 License Certificate**

The Commissioner of Assessments and Licenses shall issue a license certificate, bearing the photograph of the licensee, to each person licensed as the driver of a tow truck. Such license certificate must, under penalty of suspension or revocation of the license, be conspicuously displayed at all times in the vehicle operated by such licensee and in the manner required by the Commissioner. The certificate shall be of such form and design as the Commissioner prescribes. (Ord. No. 1053-A-80. Passed 1-12-81, eff. 2-21-81)

#### **677A.20 Renewal of License**

Renewal of a driver's license issued under this chapter shall be in accordance with the procedure prescribed by the Commissioner of Assessments and Licenses. (Ord. No. 1053-A-80. Passed 1-12-81, eff. 2-21-81)

#### **677A.21 License Fees**

A license fee of ten dollars (\$10.00) shall be paid for an original driver's license or for a renewal of a license. (Ord. No. 2393-02. Passed 2-3-03, eff. 2-3-03)

#### **677A.22 Suspension or Revocation of License**

A driver's license issued under this chapter may



be suspended or revoked at any time by the Commissioner of Assessments and Licenses on his or her own initiative or on the recommendation of the Chief of Police. Before suspending or revoking such license, the Commissioner shall afford the licensee the opportunity of a hearing on the charges. The licensee may appeal from such order in the manner provided in Section 677A.08. A second suspension for the same reason, or a third suspension in any case, of a driver's license shall operate as a revocation of such license. No driver whose license has been revoked shall again be licensed as a tow truck driver in the City without the presentation of reasons satisfactory to the Commissioner. The Commissioner shall notify the Police Division of all suspensions or revocations of drivers' licenses. (Ord. No. 1053-A-80. Passed 1-12-81, eff. 2-21-81)

#### 677A.23 Records of Licenses

There shall be kept in the office of the Commis-

sioner of Assessments and Licenses a complete record of each driver's license issued to a driver under this chapter, and of all renewals, suspensions and revocations thereof, which record shall be kept on file with the original application of the driver for such license. (Ord. No. 1053-A-80. Passed 1-12-81, eff. 2-21-81)

#### 677A.99 Penalty

Whoever violates any provision of this chapter shall be guilty of a misdemeanor of the second degree and shall be fined not more than seven hundred fifty dollars (\$750.00) or imprisoned not more than ninety days, or both. Any such violation shall constitute a separate offense on each consecutive day continued. (Ord. No. 1053-A-80. Passed 1-12-81, eff. 2-21-81)

## Chapter 678

### MOTOR VEHICLES AND PARTS

678.01	Reserved
678.02	Definition
678.03	Used Vehicle Reports
678.99	Penalty

years' models. (Ord. No. 341-73. Passed 5-7-73, eff. 5-9-73)

#### CROSS REFERENCES

Automobile dealers and salesmen, RC Ch 4517

#### 678.01 Reserved

Note: Former section 678.01 was repealed by Ord. No. 334-86, passed 4-21-86, eff. 4-24-86.

#### 678.02 Definition

As used in this chapter, "dealer in used vehicles, parts or accessories of used vehicles" means any person, firm or corporation who buys, purchases, obtains by trade or exchange, or who otherwise acquires, any used vehicle or a part or accessory thereof for the purpose of selling, exchanging or trading it. For purposes of this chapter a used vehicle includes the current year's model and the five prior

#### 678.03 Used Vehicle Reports

(a) Every dealer in used vehicles or parts or accessories thereof shall submit a full, complete description of each used vehicle, or part or accessory of a used vehicle bought, purchased or otherwise acquired for the purpose of sale, exchange or trade. The description shall be submitted on a form furnished by the Department of Public Safety for such purpose, which form shall require the serial number, make, year, name and address of the previous owner and title number. The form shall be signed at the bottom by the dealer and shall indicate the dealer's address and telephone number.

(b) The dealer shall prepare a list twice a month enumerating all used vehicles, parts or accessories acquired by any means during the preceding semi-monthly period. Such list shall be delivered to the Chief of Police no later than the eighteenth day of the month for the first semi-monthly period and no later than the third day of the month for the second

## **AFTER HOURS RELEASE PROCEDURE**

**Vehicles released after the towing company's normal business hours require the owner of the vehicle to pay an after hours fee of \$155. The fee is derived as a result of the company needing to pay an employee or driver overtime rate to come from home to release the vehicle. Not only does this mean the employee will probably have to get out of bed and spend approximately 2 hours driving to and from the storage lot and releasing the vehicle. It also affects the hours of driving time allowed by the Federal Motor Carrier Safety Regulations.**

**The Vehicle owner must present the vehicle title or memorandum title as proof of ownership before the vehicle must be released.**

**If, for any reason, after making arrangements for the afterhours release, the owner is unable to retrieve the vehicle, the after hours charge will still be assessed upon the vehicle's release.**

## **PROPOSED PUCO SAFETY REGULATIONS**

- 1 ALL WRECKER OPERATORS MUST BE QUALIFIED TO OPERATE THE TRUCK THEY ARE DRIVING.**
- 2 WITHIN 6 MONTHS OF HIRING, ALL WRECKER OPERATORS ARE REQUIRED TO ATTEND AND RECEIVE A CERTIFICATE OF COMPLETION OF A TRAFFIC INCIDENT MANAGEMENT PROGRAM (TIMS).**
- 3 ALL WRECKER OPERATORS AND ON SCENE PERSONNEL ARE REQUIRED TO FOLLOW ALL OSHA REGULATIONS, INCLUDING HI VISIBILITY REFLECTIVE CLOTHING AND REQUIRED PROTECTIVE GEAR.**
- 4 ALL WRECKER OPERATORS ARE REQUIRED TO FOLLOW ALL FEDERAL MOTOR CARRIER SAFETY REGULATIONS.**
- 5 ALL WRECKER OPERATORS ARE REQUIRED TO WORK WITHIN ALL MANUFACTURER'S EQUIPMENT SPECIFICATIONS. THIS WOULD INCLUDE CHASSIS GVW AND GCVW, WORKING LOAD LIMITS ON THE BOOM, THE UNDERLIFT AND WHEEL LIFT, WINCH LINES, ALL SNATCH BLOCKS, CHAINS, STRAPS, AND ALL EQUIPMENT UTILIZED.**



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www.trao.org

## **P.U.C.O. Safety Guideline Proposal**

**It is our belief that ALL towers in the State of Ohio should:**

- A: Be qualified or certified to operate the equipment that they are operating.**
- B: Be TIMS certified and able to show proof of certification within 6 months of hire date . As well as 6 months for existing drivers**
- C: Be permitted to assess an after hour release fee at a minimum of \$150.00, As this can interfere with a drivers restart time.**

**Towers should be required to follow:**

- **All OSHA guidelines including protective wear and reflective wear**
- **All State and Federal safety regulations administered by PUCO, Ohio State Highway Patrol, and the Federal Motor Carrier Safety Administration,**
- **All Manufacturer regulations & specifications currently on Equipment,**
- **Shall carry Workers Compensation**

# LAW ENFORCEMENT VEHICLE IDENTIFICATION GUIDE

## CLASS 1 - LIGHT-DUTY

(6,000 lbs. or less GVWR - 4 tires)\*



## CLASS 2 - LIGHT-DUTY

(6,001 - 10,000 lbs. GVWR - 4 tires)\*



Class 1 through 2 include passenger cars, light trucks and mini vans, full size pickups, sport utility vehicles, full size vans

## CLASS 1 AND 2 - LIGHT-DUTY TOW

Gross Vehicle Weight Rating (6,000 to 10,000 lbs.)

Passenger cars, small SUVs and pickup trucks

- |   |  |
|---|--|
| <input type="checkbox"/> Year, make and model?    | <input type="checkbox"/> 4x4 or AWD?       |
| <input type="checkbox"/> Number of occupants?     | <input type="checkbox"/> Keys?             |
| <input type="checkbox"/> Full-size pickup or van? | <input type="checkbox"/> Trailer?          |
| <input type="checkbox"/> Is it loaded?            | <input type="checkbox"/> What is the load? |

**VEHICLES IN THESE CLASSES USUALLY HAVE FOUR TIRES.**

## CLASS 3 - LIGHT- OR MEDIUM-DUTY

(10,001 - 14,000 lbs. GVWR - 6 tires or more)\*



## CLASS 4 - MEDIUM-DUTY

(14,001 - 16,000 lbs. GVWR - 6 tires or more)\*



## CLASS 5 - MEDIUM-DUTY

(16,001 - 19,500 lbs. GVWR - 6 tires or more)\*



## CLASS 6 - MEDIUM-DUTY

(19,501 - 26,000 lbs. GVWR - 6 tires or more)\*



Class 3 through 6 include a range of mid-sized to larger vehicles including delivery trucks, utility vehicles, motor homes, package parcel trucks, ambulances, small dump trucks, landscape vehicles, small flatbed and stake-type trucks, refrigerated and box trucks, small and medium-duty buses (school and local transit buses.)

## CLASS 3, 4, 5 & 6 - LIGHT- OR MEDIUM-DUTY TOW

Gross Vehicle Weight Rating (10,001 up to 26,000 lbs.)

- |  |
|--|
| <input type="checkbox"/> Year, make and model?   |
| <input type="checkbox"/> Body type - pickup truck, box truck, flatbed, step van              |
| <input type="checkbox"/> What is the load and is it damaged?                                 |
| <input type="checkbox"/> Pickup, van, shuttle bus or motor home?                             |
| <input type="checkbox"/> Number of occupants? <input type="checkbox"/> Keys?                 |
| <input type="checkbox"/> Vehicle description is critical to determine the proper tow vehicle |

**VEHICLES IN THESE CLASSES USUALLY HAVE SIX TIRES.**

This card is produced and distributed by the Towing and Recovery Association of America.



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# VEHICLE IDENTIFICATION GUIDE COMPLIMENTS OF THE



[www.trao.org](http://www.trao.org)

## CLASS 7 - HEAVY-DUTY

(26,001 - 33,000 lbs. GVWR - 6 tires or more)\*



## CLASS 8 - HEAVY-DUTY

(33,001 lbs. and over GVWR - 10 tires or more)\*



Class 7 and 8 includes a range of heavier vehicles including large delivery trucks, motor coaches, all tractor-trailer combinations, refuse trucks, construction vehicles, etc.

## CLASS 7 AND 8 - HEAVY-DUTY TOW

(26,001 - up to state limit GVWR)

- |  |  |
|--|--|
| <input type="checkbox"/> Year, make and model? | <input type="checkbox"/> Two or three axle truck or tractor-trailer? |
| <input type="checkbox"/> Bus or motor home?    | <input type="checkbox"/> What is the load and is it damaged?         |
| <input type="checkbox"/> Number of occupants?  | <input type="checkbox"/> Keys?                                       |

**STRAIGHT TRUCKS, BUSES OR MOTOR HOMES IN THESE CLASSES WILL USUALLY HAVE SIX TO TEN TIRES. TRACTOR AND TRAILER COMBINATIONS WILL HAVE FOURTEEN OR MORE TIRES.**

## MOTORCYCLES - LIGHT-DUTY TOW

Sports motorcycle - off road/basic street type  
Performance motorcycle - "racing" model type  
Touring motorcycle - large, heavy road touring type  
Custom or 3-wheel motorcycle



## TRAILERS - LIGHT-, MEDIUM- OR HEAVY-DUTY TOW

- ☐ Is it a truck and trailer to tow or just a trailer to tow?
- ☐ Number of axles and what is it hauling or is it designed to haul?
- ☐ Type of load or weight of load?
- ☐ If a tow, does the trailer have a ball, pintle or a fifth wheel hitch?



## MOTOR HOMES - LIGHT-, MEDIUM- OR HEAVY-DUTY TOW

**Class C** - usually built on a van or pickup type truck chassis

**Class A** - usually built on a medium to large truck or bus chassis



## LOCATION:

All locations are considered to be on the right hand shoulder unless advised the incident is in a lane of travel, in the center divider or off the road. Locations should always be given so the tow truck can access the scene safely. Freeway locations should always be given going in one direction, such as southbound south of a specific landmark or intersection.

## REASON FOR THE TOW:

Service call, storage, wreck or recovery

**Service call:** Specify the reason, fuel, tire, etc.

**Tow:** Specify the reason

**Storage:** Arrest or impound tow

- ☐ Is the vehicle stripped, burned, flat tires or no wheels?

**Wreck:** Condition of the vehicle

- ☐ Is the vehicle/truck overturned?
- ☐ Are lanes blocked?
- ☐ Is the vehicle off the road? ☐ How far?
- ☐ Any special problems at the scene or special equipment needed?



\* **Note:** The Gross Vehicle Weight Rating (GVWR) of the vehicle to be towed or recovered can be found on the identification label on the vehicle's driver's side doorframe. The number of pounds listed on the label can then be compared with the DOT Classification Vehicle Type Chart for the correct DOT class.

**SIGN UP!**

[Equipment](#) > [Century](#) > [Century Rotator Series](#) > 1130 /1140

Optional Equipment Shown

# CENTURY®

## 1130 /1140

---

### **The Ultimate Front Line Rotator Capable of Handling Both Your Recovery and Towing Needs ...**

The Century 1130 30-ton and 1140 40-ton rotators are both designed to be a versatile yet weight-conscious unit for towing and recovery. The 1130 unit features dual 25,000-lb planetary two-speed winches and a fabricated two-stage recovery boom. The 1140 unit employs dual 35,000-lb. planetary two speed winches and a choice of a fabricated two- or three-stage recovery boom. Finally, both the 1130 and 1140 units provide the operator with 360 degrees of boom rotation (190 degrees in each direction) and include an LDU underlift that provides 15,000 lbs. of lift capacity at 136" of extension and that operates independently of the recovery boom.

## View Product Brochure

### **STANDARD BODY FEATURES**

- 180" CB Aluminum Modular Body
- 9 Function Floor Mounted Switch Panel (1130)
- Power Distribution System - MMO (1140)  
(2 Touch Screen Displays, 3 MVEC CANs)
- Compartments Over the Wheel Wall
- Chrome Double Action Latches
- Keyless Lock/Unlock Tool Compartments
- LED Toolbox & Federal #108 Lighting
- Rubber Fenderettes & Mud Flaps
- Chain Rack & Fork Holders
- Rubber Isolators
- Enclosed Inner Wheel Wells
- Rigid Torsional Resistant Mounting Frame
- Tailboard Mounted D-Rings (1-Pair)
- Flip Down Rear Outrigger Spades

### **STANDARD BOOM FEATURES**

- 360° Boom Rotation / 190° Each Direction
- Proportioning Power Boom Extension  
with Counter Balance Valve
- 12 Function Keypad (1130)
- MMO System (1140)
- Boom Elevation & Extension Holding Valve
- Boom Slide Pads
- Boom Angle Indicator
- Dual Control Stations
- Dual 2-Speed Winches
- Cable Tensioners & Winch Air Free Spool
- Hydraulic Front Outriggers
- Hydraulic Rear Outriggers  
(176"-1130 / 220" - 1140)
- Air Activated House Lock, Secures Boom in  
Rear or Forward Position for Transport
- House Lock Indicator & Window
- Air Activated House Lock, Secures Boom in  
Rear or Forward Position for Transport
- House Lock Indicator & Window
- Hydraulic Pump
- 360° Sheave Heads
- Hydraulic Pressure Gauge (Driver Side)
- "D" Rings Mounted on Each Stage

### **STANDARD UNDERLIFT FEATURES**

- 8 Function Wireless Remote
- Power Elevation & Extension
- Power Tilt & Hydraulic Fold
- 3-Stage Design
- Fabricated Low Profile 70° Pivoting Crossbar
- 2 Piece Pivot Pin
- Upper/Lower Thrust Washer
- Low Profile Fork Holders
- 9 Pairs of Cast Steel Forks
- 1 Pair of Spring Lift Adapters
- 1 Pair of Hook Adapters
- Safety Chains In Tailboard

### **BODY CONFIGURATIONS**

#### **CONFIGURATIONS**

- 1130 - 156" CB Tandem
- 1130 /1140 - 180" CB Tandem
- 1130 /1140 - 180" CB Tri-Axle



• **1140 RXP - 204" Tri-Axle**

View Product Brochure

## BOOM SPECIFICATIONS

Maximum Angle	60°
Boom Rotation (From Stowed Position)	190° CW & CCW
<b>1130</b>	
Retracted	60,000 lbs.
Extended	25,000 lbs.
Maximum Hook Height	354"
Boom Extension	130"
<b>1140 3-Stage</b>	
Retracted	80,000 lbs.
Extended	20,000 lbs
Maximum Hook Height	427"
Boom Extension	216"

## WINCH & CABLE RATING

<b>1130</b>	
Rating (first layer of drum) each Winch	25,000 lbs.
Diameter and Length (each Winch)	5/8" x 200'
Type	6 x 37 IWRC
<b>1140 / 1130 35K WINCH OPTION</b>	
Rating (first layer of drum) each Winch	35,000 lbs.
Diameter and Length (each Winch)	3/4" x 200'
Type	6 x 37 IWRC

## SPECIFICATIONS

• Fully Retracted - 54"	55,000 lbs.
• Fully Extended - 144"	17,000 lbs.
• Tilt Arc	20° + / -
• Tow Rating	80,000 lbs.

## OPTIONAL EQUIPMENT

• 212" Two-Stage Under-frame "H-Beam" Front Outriggers	• Coach Lowrider (63.5"/165.5")
• 262" Three-Stage Under-frame "H-Beam" Front Outriggers*	• Air Shift PTO
• 212" RXP Front Outriggers* (204 TriAxle)	• Manual Override for PTO
• Additional Lift Forks & Attachments	• Outrigger Spade Attachments
• Dual 15K Turret Mounted Winches* (N/A on 1140s with RXP Option)	• Tailboard Underlift Controls
• 25K or 35K Belly Drag Winch ( <b>1130 Only</b> )	• Chain & Strap Packages
• 35K or 50K Belly Drag Winch ( <b>1140 Only</b> )	• Aluminum Tubular Pylon

- Load Sensing System\* (1140)
- Radio Proportional Illuminated Controls
- MMO Power Distribution System  
(2 Touch Screen Displays, 3 MVEC CANs)  
(Standard on 1140)
- Right Hand Manual Controls
- 24", 30", 36", or 48" Tunnel Box
- Chain Rack for 36" or 48" Tunnel Box
- Tunnel Box Shelf (Except 24")
- Tunnel Box Attachment Storage
- Tailboard D-Ring Package
- Rear Camera & Monitor (Dual)
- LED Boom Lights
- Work & Hook-Up Lighting
- Stainless & Aluminum Dress Up Kits

\* Only available on the 1140

## CHASSIS RECOMMENDATION

- GVWR 54,000 lbs.
- Minimum C.B. 156" (1130) or 180" (1140)
- Maximum Frame Height 42"
- After Frame from Center of Rear Axle 40"
- 1130 R.B.M. 3,000,000 (in./lbs.)
- 1140 R.B.M. 3,500,000 (in./lbs.)
- RXP R.B.M. 4,000,000 (in./lbs.)

[View Product Brochure](#)

**NOTE:** All ratings are based on structural factors only, not vehicle capacities or capabilities. Specifications shown are approximations and may vary depending on chassis selected. Miller Industries Towing Equipment Inc. reserves the right to change or modify product and/or specifications without notice or obligation. Some equipment shown is optional.

**Updated 04/2015**

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**SIGN UP!**

[Equipment](#) > [Century](#) > [Century Medium - Heavy Duty Towing Equipment](#) > 7035

Optional Equipment Shown

# CENTURY®

## 7035

### SETTING THE STANDARD IN HEAVY-DUTY TOWING & RECOVERY

The 7035 is Century's most popular heavy-duty unit. The underlift provides 128" of reach and is designed to scale in most situations. The 35-Ton recovery boom and dual 35,000 lb. winches allows the 7035 to tackle the toughest lifting and recovery jobs, making it extremely versatile for heavy-duty towing and recovery.

[View Product Brochure](#)

#### STANDARD FEATURES

Dual Control Stations  
Pressure Gauges & Hour Meter  
Hydraulic Pump  
Diagonal Hydraulic Rear Spades

MVEC Power Distribution  
System & Switch Panel  
MMO Interface  
Tailboard D-Rings

- w/Flipper Feet

Safety Chain in Rear Pockets  
Air & Electric Hook Ups

## BOOM FEATURES

Power Elevation & Power Extension  
360° Sheave Head  
Cable Tie Backs

Cable Tensioners  
Winch Air Free Spool  
Dual 2-Speed Planetary Winches

## UNDERLIFT FEATURES

Power Tilt & Power Extension  
Hydraulic Fold  
3-Stage Design

Low Profile 70° Pivoting Heavy Duty  
Fabricated Cross Bar

Low Profile Fork Holders

Pivoting Spring Lift Adaptors  
Chain Hook End Caps  
14 FXN Wireless Remote Control  
w/Charging/Docking Station  
9 Sets of Cast Steel Forks:  
• 3" Short • 3" Medium • 3" Tall  
• 4.5" Short • 4.5" Medium • 4.5" Tall  
• Grab Axle Fork  
• 6" Short Offset • 6" Medium Rear Axle Fork

## BODY FEATURES

96" Wide Aluminum Modular Body  
Rubber Mounting Isolators  
LED Body Lighting  
LED Tool Compartment Lighting  
Chrome Double Action Latches  
w/Remote Lock/Unlock  
Gas Door Shocks

Adjustable Shelves  
Lift Fork Storage  
Chain Storage  
Tailboard Fork & Chain Storage  
Aluminum Tread-Plate Walkway  
Mud Flaps

## OPTIONAL FEATURES

Air Shift PTO  
Tailgate Underlift Controls  
Additional Body Lengths  
Crossover Tunnel Box  
PolyBilt Body Option  
LED Body Strip Lamps  
Body Lighting Strobe Kit  
Aluminum Dress-Up Kits  
Aluminum Tubular Light Pylon  
3 and 4 Drawer Tool Boxes  
Offset Fork Holder Extensions  
Fork Riser Brackets  
Chain Hook Slide Adapter  
Pintel Hook Attachment

Backlit Control  
Low Pull "D" Ring Kit  
Flipper Feet Grater Blades  
Chain Package  
Endless Loop Sling Package  
Spreader Bars  
Screw Pin Shackle Package  
Snatch Blocks  
Snatch Block Storage Bar or Rack  
Light Bar  
Work & Hook-Up Lighting  
Xenon Boom Lights  
Swivel Work Lights  
Street LowRider Underlift (7035)

5th Wheel Plate  
 King Pin Attachment  
 Trailer Ball Adapter  
 Heavy Duty Tire Lift (13K)  
 XHD Tire Lift (25K)  
 Tire Lift Storage Brackets  
 Chain Washdown Compartment  
 Additional Lift Forks  
 Ground Penetrating Plate

Coach LowRider Underlift (7035)  
 PTO Override  
 Wireless Wide Load Light Bar  
 Dual Rear Camera & Monitor  
 Hydraulic Extendable Rear Outriggers  
 24", 30", 36" and 48"  
 Saddle Tunnel Box  
 Shelf Kit for 30", 36" & 48" Tunnel Boxes

[View Product Brochure](#)

## BODY SPECIFICATIONS

Standard Body Configuration	156" C.A.
Additional Body Configuration	180" / 204" C.B.

## BOOM SPECIFICATIONS

Boom Structural Rating (S.A.E.)	<b>Retracted:</b> 30° 35 Ton	<b>Extended:</b> 30° 22,000 lbs.
Boom Angle	40°	
Maximum Hook Height (inches)	249"	
Hydraulic Boom Extension (inches)	130"	

## UNDERLIFT SPECIFICATIONS

<b>7035*</b> - Extended Underlift	16,000 lbs. @ 128"
<b>7035*</b> - Retracted Underlift	35,000 lbs. @ 54"
<b>7035*</b> - Tilt Arc	20°
<b>7035*</b> - Tow Rating	80,000 lbs.
<b>7035 Coach Low Rider</b> - Extended Underlift	16,000 lbs. @ 138"
<b>7035 Coach Low Rider</b> - Retracted Underlift	35,000 lbs. @ 59"
<b>7035 Coach Low Rider</b> - Tilt Arc	20°
<b>7035 Coach Low Rider</b> - Tow Rating	80,000 lbs.

Based on a 42" chassis frame height. Retracted distance taken with fork holders flipped inward.  
 \*Measurements & Specifications include the Optional "Street" Lowrider

## WINCH SPECIFICATIONS

Winch Capacity	35,000 lbs.
Winch Type	Dual Planetary Winch (2-Speed)
Cable Specifications	3/4" x 200' I.W.R.C.

**SIGN UP!**

Equipment > Century > Century Medium - Heavy Duty Towing Equipment > 4024

Optional Equipment Shown

# CENTURY®

## 4024

### SETTING THE STANDARD IN HEAVY-DUTY TOWING & RECOVERY

The 4024/T2 with over 103" of reach on the underlift is ideally suited to handle a wide variety of vehicles such as motor homes, delivery vans, and city tractors. This single axle unit with a 20-ton recovery boom and 20,000 lb. winches creates an incredible value with features only found on larger units.

[View Product Brochure](#)

#### STANDARD FEATURES

Dual Control Stations  
Pressure Gauges & Hour Meter  
Diagonal Hydraulic Rear Spades  
w/Flipper Feet  
Safety Chains in Rear Pockets

Air & Electric Hook Up  
Hydraulic Pump  
MVEC Power Distribution  
System & Switch Panel

## BOOM FEATURES

Power Elevation & Power Extension  
360° Sheave Head

Cable Tie Backs

Cable Tensioners  
Winch Air Free Spool

## UNDERLIFT FEATURES

Power Tilt & Power Extension  
Hydraulic Fold  
3-Stage Design

Low Profile 70° Pivoting Heavy Duty  
Fabricated Cross Bar

Low Profile Fork Holders

Pivoting Spring Lift Adaptors  
Chain Hook End Caps  
8 FXN Wireless Remote Control  
w/Charging/Docking Station  
9 Sets of Cast Steel Forks:  
• 3" Short • 3" Medium • 3" Tall  
• 4.5" Short • 4.5" Medium • 4.5" Tall  
• Grab Axle Fork  
• 6" Short Offset • 6" Medium Rear Axle Fork

## BODY FEATURES

96" Wide Aluminum Modular Body  
Rubber Mounting Isolators  
LED Body Lighting  
LED Tool Compartment Lighting  
Chrome Double Action Latches  
w/Remote Lock/Unlock  
Gas Door Shocks

Adjustable Shelves  
Lift Fork Storage  
Chain Storage  
Tailboard Fork & Chain Storage  
Aluminum Tread-Plate Walkway  
Mud Flaps

## OPTIONAL FEATURES

Air Shift PTO  
Tailgate Underlift Controls  
Additional Body Lengths  
Crossover Tunnel Box  
PolyBilt Body Option  
MMO Interface  
LED Body Strip Lamps  
Body Lighting Strobe Kit  
Aluminum Dress-Up Kits  
Aluminum Tubular Light Pylon  
3 and 4 Drawer Tool Boxes  
Offset Fork Holder Extensions  
Fork Riser Brackets  
Chain Hook Slide Adapter  
Pintel Hook Attachment  
5th Wheel Plate  
King Pin Attachment

Backlit Control  
Low Pull "D" Ring Kit  
Flipper Feet Grater Blades  
Chain Package  
Endless Loop Sling Package  
Spreader Bars  
Screw Pin Shackle Package  
Snatch Blocks  
Snatch Block Storage Bar or Rack  
Light Bar  
Work & Hook-Up Lighting  
Xenon Boom Lights  
Swivel Work Lights  
PTO Override  
Wireless Wide Load Light Bar  
Dual Rear Camera & Monitor  
Hydraulic Extendable Rear Outriggers

Trailer Ball Adapter

24", 30", 36" and 48"

Heavy Duty Tire Lift (13K)

Saddle Tunnel Box

Tire Lift Storage Brackets

Shelf Kit for 30", 36" &amp; 48" Tunnel Boxes

Chain Washdown Compartment

"D" Rings (Tailboard Mount)

Additional Lift Forks

Ground Penetrating Plate

[View Product Brochure](#)**BODY SPECIFICATIONS**

Standard Body Configuration

138" C.A.

Additional Body Configuration

156", 182" C.A.

**BOOM SPECIFICATIONS**

Boom Structural Rating (S.A.E.)

**Retracted: 30°****Extended: 30°**

20 Ton

15,000 lbs.

Maximum Angle

40°

Maximum Hook Height (inches)

190"

Hydraulic Boom Extension

96"

**UNDERLIFT SPECIFICATIONS**

Extended Underlift

12,000 lbs. @ 103"

Retracted Underlift

24,000 lbs. @ 39"

Tilt Arc

8°

Tow Rating

50,000 lbs.

Based on a 42" chassis frame height. Retracted distance taken with fork holders flipped inward.

**WINCH SPECIFICATIONS**

Winch Capacity

20,000 lbs.

Winch Type

Dual Planetary Winch

Cable Specifications

9/16" x 175' I.W.R.C.

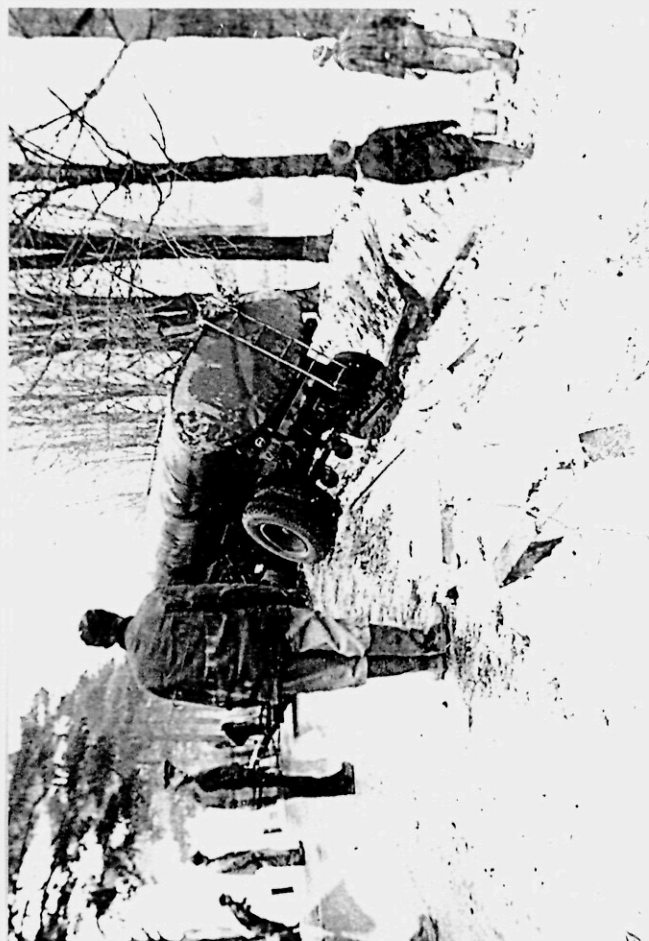


1936 WRECKER  
TRACTOR TRAILER TANKER  
ACCIDENT





NOTICE EMPLOYEE UNIFORMS 2

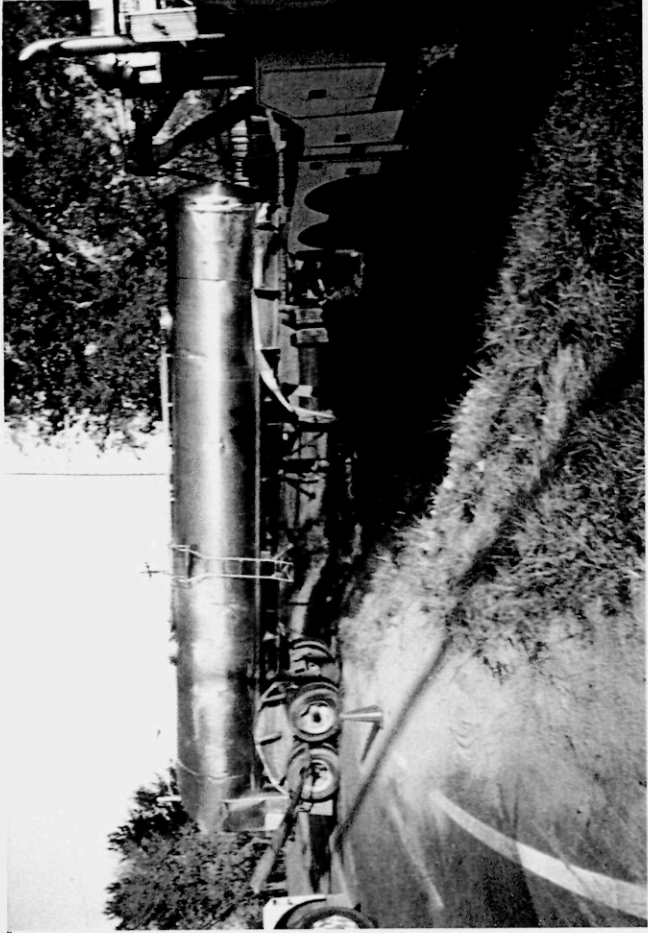


1980's  
ERA

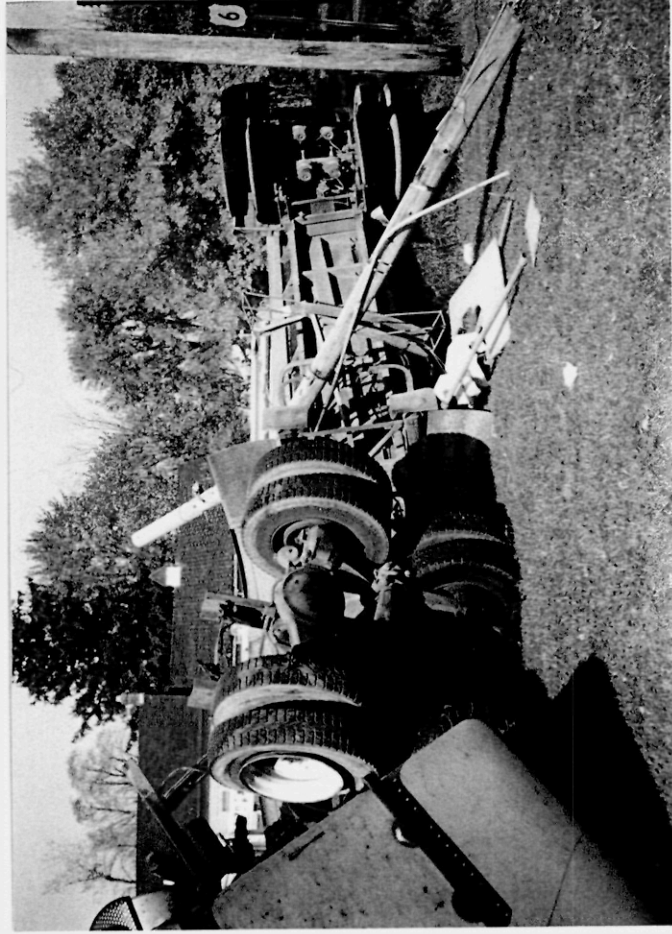


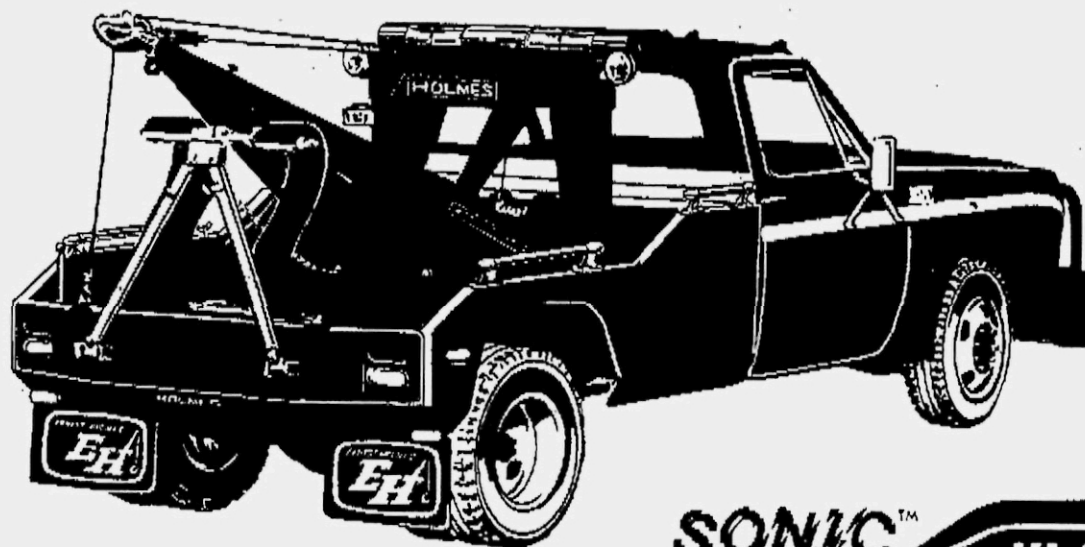
1950's ERA





1990'S TRACTOR TRAILER ACCIDENT - WEIGHTS GO UP





## SONIC™ HI-SIDE WRECKER BODY BY HOLMES.

Holmes offers the best value in wrecker equipment. Here's why:

- Quality of design and manufacturing
- Dependability of equipment
- Equipment is serviced by a wide network of dealers
- Assurance of repair parts
- Outstanding warranty protection
- Holmes is a stable, progressive company with over 60 years of proven performance as the industry's leader.

The value of Holmes equipment is also apparent when it comes time to sell or trade it. Trucks equipped with Holmes 440 wreckers are recognized for having much higher resale value than trucks with similar equipment made by others. Not only that, but the truck chassis on which Holmes equipment is mounted usually brings a higher price too!

### SPECIFICATIONS

Basic rating .....	5 tons (10,000 lbs)
Boom rating	
Fully retracted .....	5 tons (10,000 lbs)
Fully extended .....	1 ton (2,000 lbs)
Drum rating	
First layer of cable .....	7½ tons (15,000 lbs)
Fourth layer of cable .....	5 tons (10,000 lbs)
Load cable	
Type .....	6 x 19 class, fiber core, improved plow steel
Diameter & standard length .....	3/8 -inch x 100 ft
Working limit — single line .....	3,500 lbs
Support cable	
Type .....	6 x 19 class, IWRC, extra improved plow steel
Diameter & standard length .....	1/2-inch x 30 ft
Wrecker height above truck frame .....	Approx. 44 inches
Width of wrecker frame .....	48½ inches
Weight (wrecker only) .....	870 lbs

### IMPORTANT NOTICE!

The ratings shown here apply only to the wrecker apparatus. Truck size and weight affect actual recovery capability and towing limit. Loads greater than cable working limit can be handled by rigging cable with snatch blocks to provide multiple lines to the load.

### ORDERING INFORMATION

BYH-1	440 Hi-Power wrecker. Includes hand crank, PTO, drive components, dual winch control, cables. (Less body and optional extras.)
BYH-3	BYH-1 with 79" wide Sonic Lo-Side body. For single-wheel trucks 54" to 60" CA. (Less optional extras.)
BYH-4	BYH-1 with 86" wide Sonic Lo-Side body. For dual-wheel trucks 54" to 60" CA. (Less optional extras.)
BYH-5	BYH-1 with 86" wide Sonic Hi-Side body. For dual-wheel trucks 54" to 60" CA. (Less optional extras.)
BYH-6	BYH-1 with 79" wide Sonic Hi-Side body. For single-wheel trucks 54" to 60" CA. (Less optional extras.)
RJ-1	Rear jacks † (kit). Not available as original factory equipment.
BXS-15	Sonic Lo-Side body extension (Specify 72" or 84" CA.)
B-11	Tool compartment. Deck-mounted. Includes stainless steel key-locking latch.
B-14	Tool compartment. Insert type for mounting in body side panel of Sonic bodies. Includes Key-locking latch.

Note: Specify CA. Bodies include lamps and reflective devices meeting Motor Vehicle Safety Standard 108 and custom wire harness. Photos herein may show extra optional accessories, etc. These items are available at additional cost. Fuel tanks, exhaust pipes, and other items behind the cab may require relocation or alteration and additional charges. Equipment pictured herein is subject to change without notice.

### CHASSIS RECOMMENDATIONS

A truck chassis with 60" CA and 10,000 lb GVW gives best performance and appearance with the 440 Hi-Power wrecker and a Holmes body. Trucks with single rear wheels should have rear axles and tires to give maximum GVW for the CA. Maximum tire size for wheel openings in Holmes bodies is 7.50 x 20. Truck transmission must have a PTO opening.

† Holmes is not responsible for body or truck frame damage that may result from use of rear jacks.



**DOVER CORPORATION**  
**ERNEST HOLMES DIVISION**

2905 EAST 43RD STREET, CHATTANOOGA, TENNESSEE 37407 • (615) 867-2142

# CENTURY®

## *Light-Duty Conventional*



Composite Body and Optional 24" Tunnel Box Shown

After leading the industry for more than 25 years, the new Century line of light-duty towing and recovery units has once again raised the bar for quality, design and function. The new adjustable-width modular bodies are available in a wide choice of materials, including carbon or stainless steel, aluminum, or the sleek and stylish composite. The low-profile recovery booms are fabricated from four plates of high-tensile steel to save weight without sacrificing strength. For increased driver convenience, features such as tailboard L-arm storage, easy-access safety chain pockets and easy-to-operate dual control stations -- along with Century's proven wheel lift system -- are just a few of the many reasons why you should contact your local Century distributor.



# Legendary Leadership

## BOOM SPECIFICATIONS

Model	Boom Structural Rating (S.A.E.)		Maximum Angle	Boom Elevation Cylinder(s)	Maximum Hook Height (inches)	Reach Past Tailboard at Minimum Boom Angle (inches)
411/412	Retracted 34°	Extended 34°	48°	Single	173.5"	81.5"
602	20,000 lbs.	6,000 lbs.	45°	Dual	167.5"	81.5"
612	24,000 lbs.	8,000 lbs.	45°	Dual	167.5"	81.5"

## UNDERLIFT SPECIFICATIONS

Model	Tow Rating	Retracted Distance from the Tailboard	Extended Distance from the Tailboard	Lift Capacity at Full Extension	Lift Capacity Retracted with Forks	Underlift Tilt
411/412	7,500 lbs.	35"	67"	4,000 lbs.	N/A	+14° / -16°
602/612	20,000 lbs.	30"	66"	6,000 lbs.*	9,000 lbs.	+10° / -18°

\* With Lift Forks or Optional 6,000 lb. L-Arms.

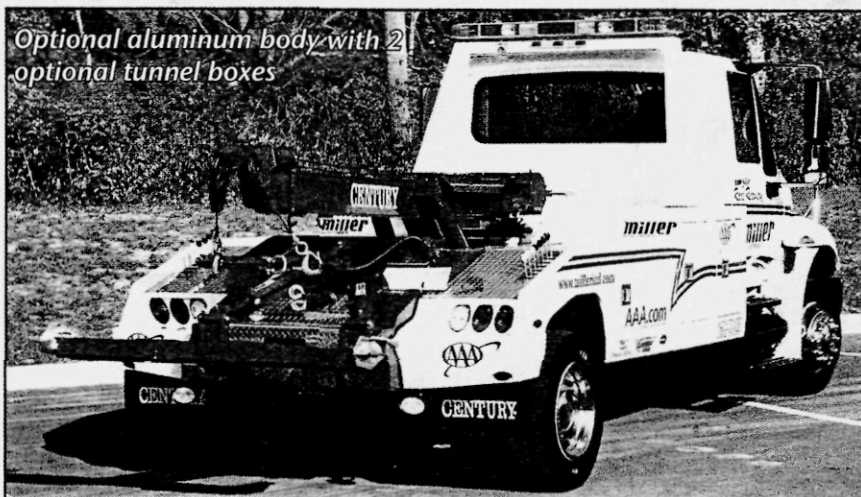
## WINCH RATING & CABLE

Model	Winch Capacity	Winch Type	Cable Specifications
411	8,000 lbs.	Worm	3/8" x 100' 6x19 I.P.S.
412	(2) 8,000 lbs.	Worm	3/8" x 100' 6x19 I.P.S.
602	(2) 8,000 lbs.	Worm	3/8" x 100' 6x19 I.P.S.
612	(2) 12,000 lbs.	Worm	7/16" x 150' 6x25 I.W.R.C.

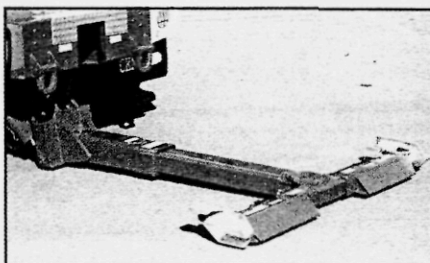
## STANDARD FEATURES

- 3-Way Pivoting L-Arm System
- 4,000 lb. Lightweight L-Arms
- Adjustable Width Modular Body, 88" or 94"
- 60" Cab-to-Axle Steel Body
- Drivers & Passenger Side Tool Compartments
- Tailboard D-Rings
- Tailboard Safety Chain Pockets
- Wheel Lift Safety Chains - 5/16, Grade 70
- L-Arm Storage Pockets
- Dual Boom & Wheel Lift Controls
- Independent Wheel Lift Tilt
- Winch Cable Tensioner(s) & Free Spool Handles
- Mud Flaps
- Federal Standard 108 Lighting
- 1 Set of 3" Low Profile Frame Forks and Holders(602/612)

All ratings are based on structural factors only, not vehicle capacities or capabilities. Specifications shown are approximations and may vary depending on chassis selected. Miller Industries Towing Equipment Inc. reserves the right to change or modify product and or specifications without notice or obligation. Some equipment shown is optional.



Century's new modular-body conventional units feature a fabricated low-profile boom for increased rear visibility. The Century 602 and 612 have dual boom lift cylinders for more power and stability during recovery applications.



## OPTIONAL FEATURES

- Aluminum Modular Body
- Stainless Steel Modular Body
- Composite Modular Body (94" Wide Only)
- Tunnel Box
- 6,000-lb. L-Arms (602/612)
- Emergency Lighting
- Tow Sling
- Dress-up Packages
- Trailer Hitch
- PTO
- Light Pylon
- Aluminum Tubular Light Pylon (25" & 33")
- Fold Down Light Bar Brackets
- Scotch Blocks
- Convenience Packages (Rails & Steps)
- Dollies

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**CENTURY®**

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# CENTURY®

## 2465



108" CA Body and other optional equipment shown.

The Century 2465 integrated towing & recovery unit has been designed to be an ideal match for the popular low-pro medium duty chassis. The 2465 is equipped with twin 12,000 lb. planetary winches and a recovery boom rated at 12 tons retracted and 5 tons extended. The Century 2465 is available in an 84" or 108" CA aluminum modular body that includes spacious tool compartments with a front tunnel box. The fabricated underlift is rated at 7,000 lbs. lift capacity at its fully extended reach using lifting forks. This makes it ideal for towing a wide variety of light- and medium-duty trucks, as well as automobiles.

## LEGENDARY LEADERSHIP



# Legendary Leadership

## BOOM SPECIFICATIONS

Retracted .....	24,000 lbs.
Extended .....	10,000 lbs.
Maximum Angle .....	40°
Maximum Hook Height .....	147"
Maximum Reach Past Tailboard at Minimum Elevation .....	72"

## UNDERLIFT SPECIFICATIONS

Fully Retracted (with Forks) .....	9,000 lbs.
Fully Extended (with Forks) .....	7,000 lbs.
Extended or Retracted with L-Arms .....	6,000 lbs.
Underlift Reach to Center of Fork Holder on the Ground	
Retracted .....	42"
Extended .....	76"
Positive Tilt .....	28°
Negative Tilt .....	12°
Tow Rating .....	20,000 lbs.

## WINCH RATING & CABLE

Rating (first layer of drum) each Winch .....	12,000 lbs.
Diameter and Length (each winch) .....	7/16" x 150' IWRC

## STANDARD FEATURES

- 60" Aluminum Modular Body with 1 Compartment Per Side
- 24" or 48" Aluminum Tunnel Box
- Dual Control Stations
- Planetary Winches
- Winch Cable Tensioners
- Winch Free Spool Handles
- 1 Set of 3" Lift Forks
- 1 Set of Fork Receivers
- Safety Chains, 5/16 Grade 70
- Safety Chain Storage Pockets
- Dual Hydraulic Pump with Split System
- Hydraulic Rear Jacks with Flipper Feet
- 6,000 lb. L-Arms with Pivoting Receivers
- L-Arm Storage Pockets
- Low Pull "D" Rings
- Federal Standard 108 Lighting
- Mud Flaps



The 2465 comes standard with a low-profile crossbar with removable ends, one set of lift forks, fork holders and a 6,000-lb. pivoting L-Arm System.



## OPTIONAL FEATURES

- PTO
- Emergency Lighting
- Additional Lifting Attachments
- 4,000 lb. Aluminum L-Arms
- Switch Panel
- Aluminum Dress-Up Kit
- Work Lights
- Light Pylon
- Wide Load Light Bar
- Air & Electrical Hookups
- Trailer Ball Adapter



The fabricated underlift is rated at 7,000 lbs. lift capacity at its fully extended reach using lifting forks and has a tow capacity of 20,000 lbs. This makes the Century 2465 ideal for towing a wide variety of light- and medium-duty trucks, as well as automobiles.

## CHASSIS RECOMMENDATIONS

GVWR .....	21,000 - 31,000 lbs.
Cab to Axle (Clear) .....	84" or 108"
Maximum Frame Height .....	38"
Maximum Tire Size .....	255/70 R 22.5

All ratings are based on structural factors only, not vehicle capacities or capabilities. Specifications shown are approximations and may vary depending on chassis selected. Miller Industries Towing Equipment Inc. reserves the right to change or modify product and/or specifications without notice or obligation. Some equipment shown is optional.

## DISTRIBUTED BY:

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TRUCK EQUIPMENT

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# "THE CARRIER YOU DESIGNED AT A PRICE YOU CAN AFFORD."



Champion car carriers are the most unique in the industry because they were designed not only for the customer but by the customer. Champion surveyed operators asking what features the ideal carrier would incorporate. The result was the Champion carrier, designed for easy maintenance and durability with features such as full length nylatron wear pads, a heavy duty subframe, full width rear pivot pin and a full height steel cab protector.

For ease of operation, Champion features dual illuminated controls, winch cable that spools to the bottom of the winch to prevent damage to low profile cars and a 96' wide bed with a low loading angle. Champion also provides features such as winch cable roller guides, cable tensioner, winch clutch release and a lockable tool compartment as standard equipment.

Check out a Champion!  
See how this innovative and affordable  
car carrier can increase your profitability.

## Champion

# Aluminum and Heavy Duty Steel Carriers

## STANDARD EQUIPMENT

- 3" raised side rails
- Lighted dual controls
- Tilt lockout control
- 8,000 lb. winch with 50' of 3/8 cable
- Full length Nylatron slide pads
- Dual outboard holddown system
- Full height cab protector
- Two power lift cylinders and one extension cylinder
- Driver and passenger side chain trays
- 4 rear tie down slots
- Remote control throttle
- Champion mud flaps
- Federal standard 108 lights
- Spring loaded winch release
- Driver's side tool box with locking latch
- Cable tensioner
- Cable roller guide
- PTO and pump combination
- Preamsembled and factory tested
- Steel carriers painted in black acrylic enamel
- Hydraulic tow bar with hooks and chains (17 1/2' carriers)
- 2,500 lb. independent wheel lift (19', 19'6" and 21' carrier)
- All components for complete installation
- Front safety chain
- 2 rear safety chains

## OPTIONAL EQUIPMENT

- Wrecker special light bar
- Tie down strap kit
- Work area lighting
- Switch panel
- Additional tool box
- V-chain assembly
- Smooth floor instead of diamond plate (steel carrier only)
- Optional color on side rails and top of deck (steel carrier)
- Removable side rails (not available on 21' aluminum)
- Tie down chains
- And all other popular Champion accessories



## TRUCK RECOMMENDATIONS

Champion carriers should be installed on a chassis with GVWR of 10,000 to 21,500 lbs., dual rear wheels and a C.A. minimum of 108". Requires a manual transmission and at least one accessible PTO opening or optional clutch pump for automatic transmission.

## SPECIFICATIONS

		Aluminum			Heavy Duty Steel		
		17 1/2'	19'	21'	17 1/2'	19'	21'
Inside bed width		94"	94"	94"	91 1/2"	91 1/2"	91 1/2"
Bed and body	Capacity-distributed load	8,000 lbs.	9,000 lbs.	9,000 lbs.	8,000 lbs.	10,000 lbs.	10,000 lbs.
	Bed size	17'6" x 96"	19' x 96"	21' x 96"	17'6" x 96"	19' x 96"	21' x 96"
	Bed surface	Aluminum alloy extrusion			Steel diamond plate		
Cab to axle	Conventional	108"	118"/122"	138"/142"	108"	118"/122"	138"/142"
	Cabover	112"	127"*	144"/150"	112"	127"*	144"/150"
Recommended chassis	GVW minimum	10,000 lbs.	15,000 lbs.	15,000 lbs.	10,000 lbs.	15,000 lbs.	15,000 lbs.
	GVW maximum	15,000 lbs.	21,500 lbs.	21,500 lbs.	15,000 lbs.	21,500 lbs.	21,500 lbs.
Tow bar	Lift rating (lbs.)	2,000	2,000	2,000	2,000	2,000	2,000
	Tow rating (lbs.)	5,000	5,000	5,000	5,000	5,000	5,000
Independent wheel lift	Lift rating (lbs.)	N.A.	2,500	2,500	N.A.	2,500	2,500
	Tow rating (lbs.)	N.A.	6,250	6,250	N.A.	6,250	6,250

\* A 19.6' body is available and recommended for cabover chassis with a 127" CA.

‡ The ratings specified are based on structural factors only — not vehicle capacities or capabilities.

Load rating is based on equally distributed load over entire bed surface; i.e., water level load.

\* Specifications subject to change without notice.

# Champion

CHAMPION  
P.O. Box 120, Ooltewah, TN 37363  
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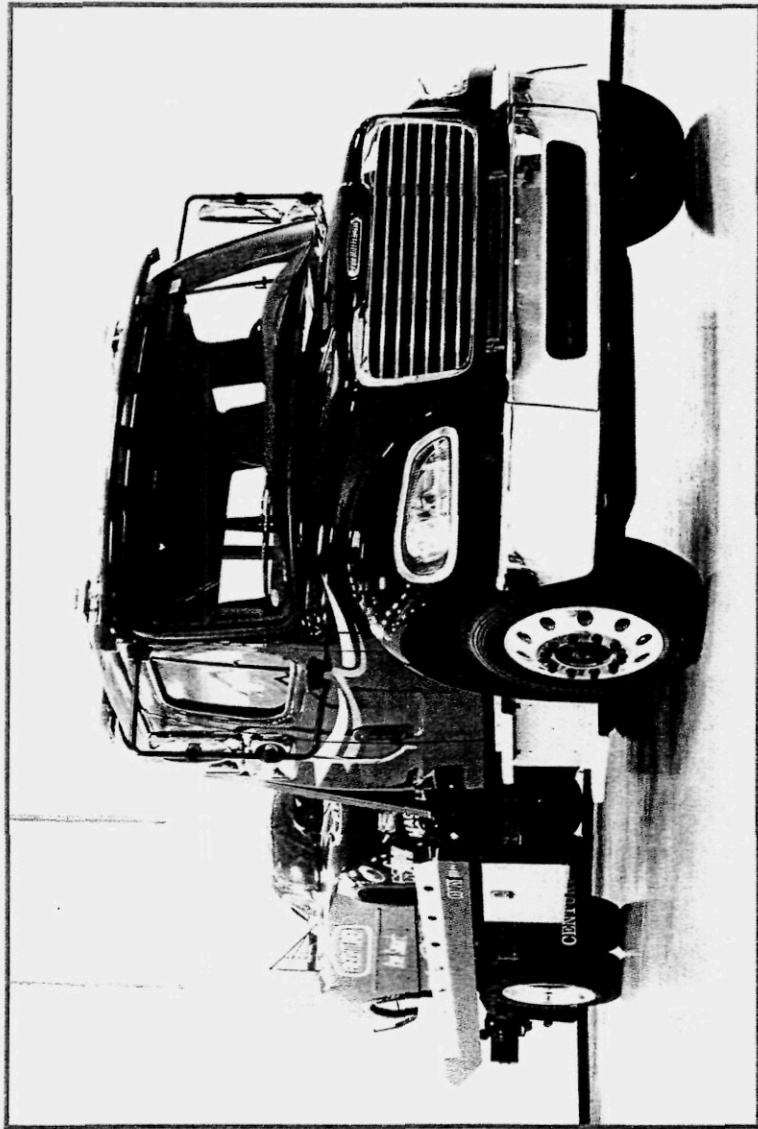


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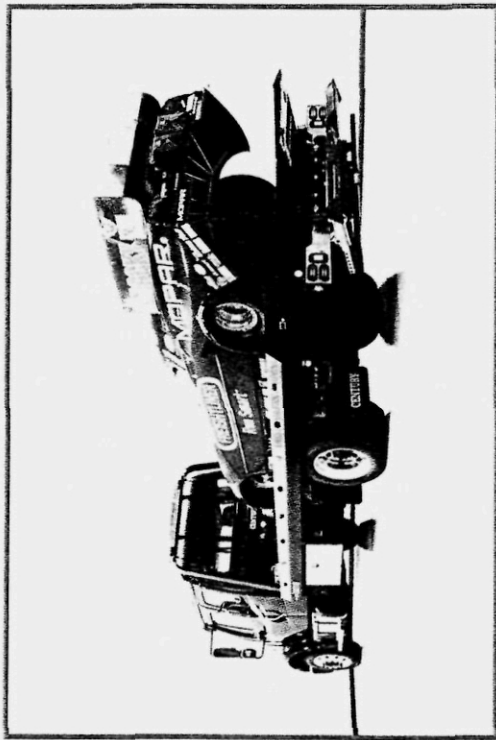


Miller Industries



## 2013 FREIGHTLINER M2 EXTENDED CAB CHASSIS

- Cummins ISB 6.7 260 H.P. engine
- Allison 2100 RDS automatic transmission
- 26,000 lb. GVW
- Meritor air brakes
- Airliner 18,000 lb. rear suspension
- Alcoa polished front and rear outside wheels
- Michelin 255/70 R 22.5 16 ply radial tires



## CENTURY LCG™ 12 SERIES CARRIER

- SST™ (Solid Sloped Tail) section
- Side mounted winch with sliding pulley assembly
- Removable aluminum blade rails
- 12,000 lb. capacity 102" wide steel deck
- 9,000 lb. planetary winch with air free spool
- Eleven key slot package



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# CENTURY®

# 20 Series

## LCG™ Carrier



\*some Optional Equipment shown

### LOW CENTER OF GRAVITY

A New Revolutionary Carrier from Miller Industries

The 20 Series LCG™ Carrier uses a patented subframe design that lowers the deck 4" to 6" more than most industrial carriers. The lower deck provides:

- Increased Load Stability with Lower Center of Gravity
- Lower Load Angle
- Able to Transport Taller Loads
- The Ability to Secure the Load from the Ground

The 20 Series LCG™ is designed for a chassis with either Single or Tandem Rear Axles and Dual Rear Wheels. Deck Lengths are available from 24' to 30'.



## STANDARD FEATURES

- Full Length Subframe
- Full Length Subframe Wear Pads
- Painted w/Black Acrylic Urethane
- Driver & Passenger side Chain Trays
- Hydraulic Dock Stabilizer
- 7 Tie-Down Points (2 front, 5 rear)
- Floor Level Sides, w/Stake Pockets
- Two Front Safety Chains
- Bed Anti-Tilt Feature
- Dual Tilt Cylinders
- Dual Bed Extension Cylinders
- Positive Lock Down System
- Dual Illuminated Controls
- Back-up Alarm
- Hydraulic Pump
- Mud Flaps
- Federal Standard 108 Lighting
- 12,000 lb. Planetary Winch
- 3/16" Deck Plate
- L.E.D. Lights
- Winch Air Clutch Release
- Cable Tensioner

## CHASSIS RECOMMENDATIONS

Fuel tanks must be under cab and not to extend behind front of the bed. Fuel fill must not be behind cab.

The preferred location for the battery box is under the passenger seat or under the cab. Battery boxes in other locations may require relocation.

Chassis components directly behind the cab must be 2 inches below the top of the truck frame to clear the bed rails. Air tanks in the tilt cylinder zone will need to be relocated.

\*Minimum space of 49" required between the inside tires. With larger tire size of 275, 11R and above, aluminum inside wheels are required.

Air-bag rear suspension is recommended for lower load angle.

Minimum frame height.....	38"
Maximum frame height.....	43"

### Series 20 Single Rear Axle

Minimum GVWR.....	31,000 lbs.
Minimum frame RBM each rail	
24 - 28".....	1,800,000 in. • lbs.
29 - 30 .....	2,100,000 in. • lbs.
Minimum cab to axle (clear)**	(w/Lift Axle)
24'.....	166"..... 174"
25'.....	170"..... 178"
26'.....	182"..... 190"
27'.....	194"
28'.....	206"
Minimum frame length behind center of rear axle.....	34"

### Series 20 Tandem Rear Axle

Minimum GVWR.....	50,000 lbs.
Minimum frame RBM each rail.....	2,500,000 in. • lbs.
Minimum Cab to Bogie (clear)**	
26'.....	174"
27'.....	182"
28'.....	190"
29'.....	198"
30'.....	206"
Minimum frame length behind center of rear axle.....	54"

\*\*Use back of vertical exhaust for the usable CA and effective back of cab.

## OPTIONAL FEATURES

- Combination Wheel Lift & Dock Stabilizer - 4,000 lb. Wheel Lift
- Combination Wheel Lift & Dock Stabilizer - 6,000 lb. Wheel Lift (requires tandem rear axle)
- Removable Side Rails
- Rub Rails (trailer style with integrated stake pockets)
- Tool Compartments
- PTO
- Smooth Floor in Lieu of Deck Plate
- 1/4" Steel Floor (smooth or deck plate)
- Apitong Wood Floor
- Rubber Flooring
- Additional Key Slots
- Dual Key Slots Down Center of Deck
- Bed Mounted Cab Protector
- Frame Mounted Pylon (requires 6, 8, or 12" additional CA depending on Pylon choice)
- Window Guard in the Cab Protector
- Tri-box Toolboxes (for frame mounted pylon) - (requires additional CA)
- Locking Chain Rack (for bed mounted cab protector)
- Switch Panel
- Work Area & Emergency Lighting
- Optional Color on Top of Deck and Side Rails
- Wired or Wireless Winch Remote
- 15,000 lb. Planetary Winch
- 20,000 lb. Planetary Winch
- Galvanized Subframe
- Trailer Ball Kit for the Optional Wheel Lift
- Fork Holders & Lift Forks for the Optional Wheel Lift
- Pintle Hitch Adapter for the Optional Wheel Lift

## SPECIFICATIONS

Load Rating.....	20,000 lbs.
Body Length.....	24', 25', 26', 27', 28', 29', 30'
Body Floorplate Thickness.....	3/16"
Body Width (outside).....	102"
Body Width (inside)*.....	97"
Body Mainbeam.....	6" I-Beam
Crossmembers.....	3" x 3" Corten tube
Crossmember Spacing.....	8" on center
Body Sides.....	6" x 4" x 3/8" angle
Subframe Rails.....	5" x 3" x 1/2" H.S. tube
Subframe Hinge.....	1 piece 2" diameter
Cable	

12,000 lb. winch.....	7/16 x 50'
15,000 lb. winch.....	1/2 x 50'
20,000 lb. winch.....	9/16 x 75'

Bed tilt cylinders.....	4" bore
Bed extension cylinders (2).....	3-1/2" x 120" stroke

Wheel lift ratings:	4,000	6,000
Lift rating extended:	4,000 lbs.	6,000 lbs.
Tow rating:	10,000 lbs.	20,000 lbs.

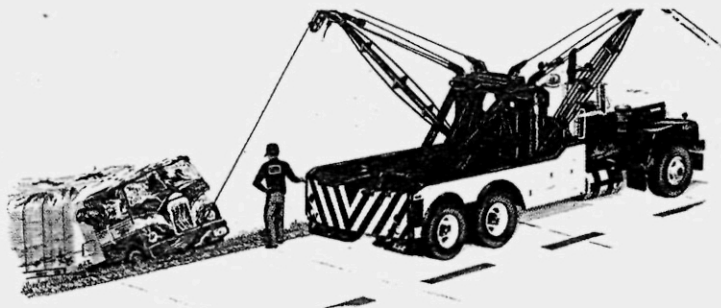
\* Inside bed width applies to optional removable tube rails



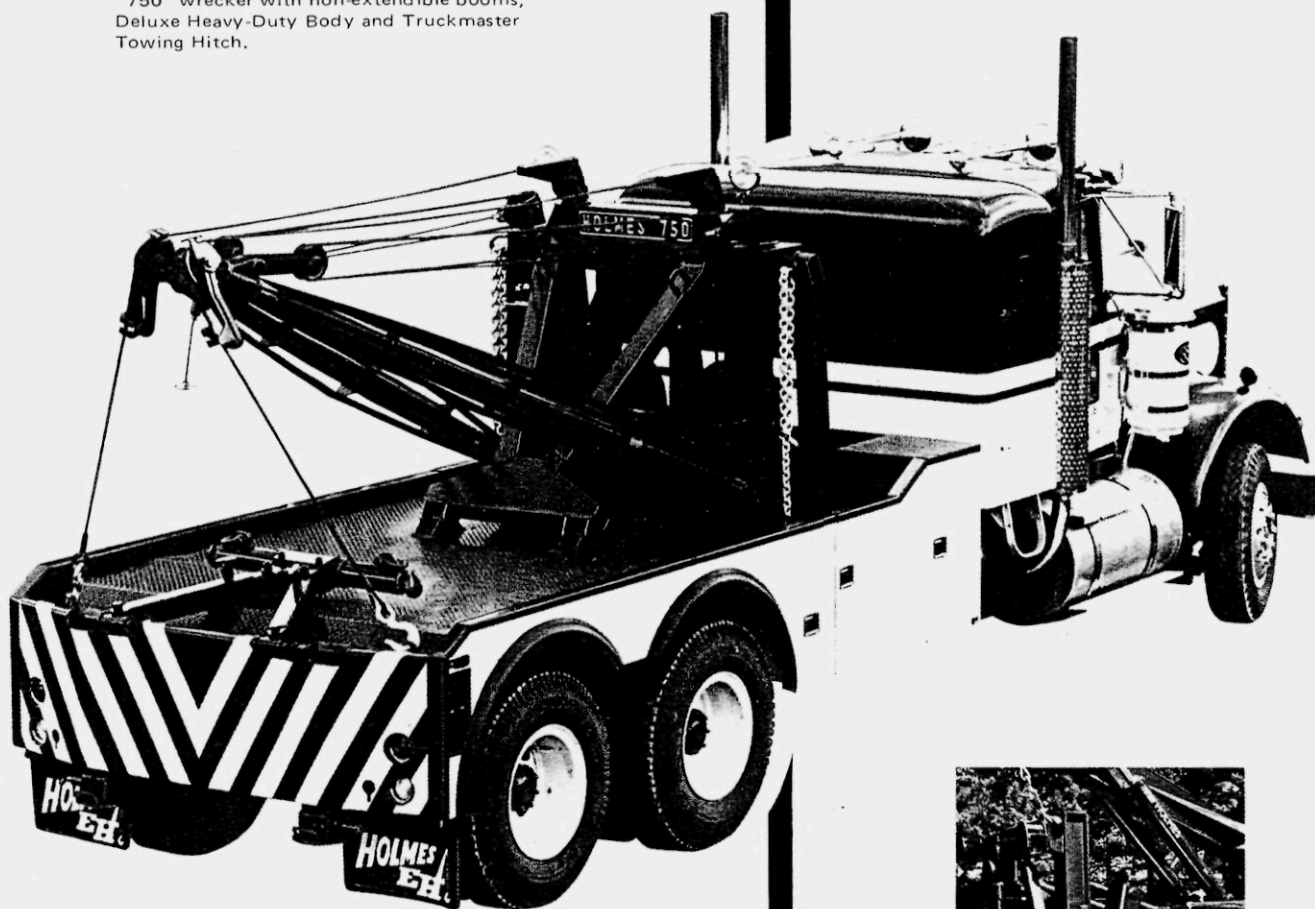
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"750" wrecker with non-extendible booms,  
Deluxe Heavy-Duty Body and Truckmaster  
Towing Hitch.



A modern, rugged, versatile wrecker with proven field performance. Our most popular wrecker for recovering and towing tractor-trailers, trucks, buses and roadway equipment of that class. Superior quality reflected both in design and manufacture.

**HOLMES**



# 750

**\*25-TON POWER WRECKER**

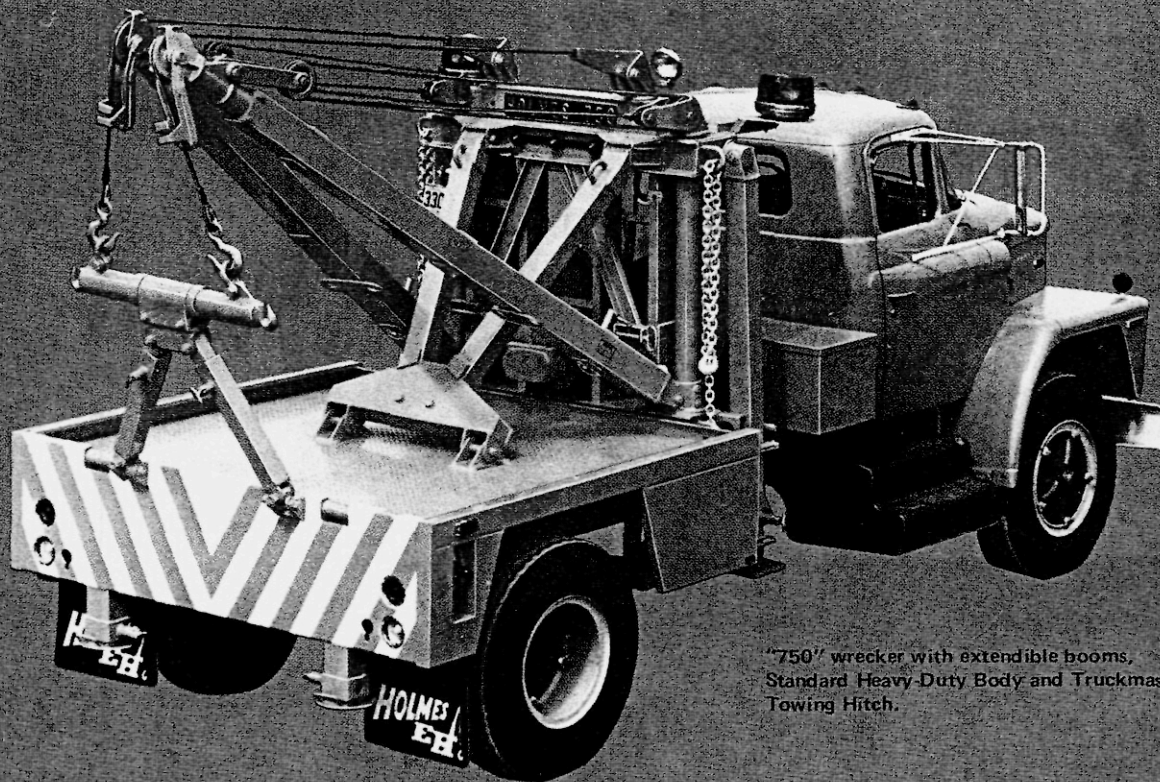
\*See ratings on back sheet



Now available with an underlift.

*1960 Thru 1980's*





"750" wrecker with extendible booms,  
Standard Heavy-Duty Body and Truckmaster  
Towing Hitch.

## "750" SPECIFICATIONS

*Rating (with two booms) .....	25 tons (50,000 lbs)
Boom rating—each boom:	
X-7 fully retracted or standard boom .....	12½ tons (25,000 lbs)
X-7 fully extended .....	4.5 tons (9,000 lbs)
*Winch ratings:	
Safe load, each drum .....	12½ tons (25,000 lbs)
Line pull, each drum, first layer of cable .....	15½ tons (30,952 lbs)
Line pull, each drum, fifth layer of cable .....	12½ tons (25,000 lbs)
*Load cables:	
Type .....	6 x 19 class, fiber center, improved plow steel
Diameter & standard length .....	5/8 inch x 200 ft
Recommended working limit each line .....	9,500 lbs
Breaking strength, single line .....	16.6 tons (33,200 lbs)
Drum gear diameter .....	26 inches
Drum barrel diameter .....	15 inches
Boom working length, single-axle chassis:	
X-7 fully retracted or standard boom .....	135½ inches
X-7 fully extended .....	211½ inches
Boom working length, tandem-axle chassis:	
X-7 fully retracted or standard boom .....	155½ inches
X-7 fully extended .....	251½ inches
Wrecker height above truck frame .....	Approx. 77 inches
Weight (wrecker only) .....	4460 lbs

### \*IMPORTANT NOTES

The ratings specified are based on structural factors only—NOT load cable strength or vehicle capability. The rating (with two booms) applies ONLY when both booms are locked at the rear, are sharing the load equally, and are lifting vertically.

Load cables should not be used for loads greater than the cable working limit unless properly rigged to provide multiple lines to the load.



**Holmes International Inc.**  
2505 East 43rd Street  
Chattanooga, TN 37407 • U.S.A.  
(615) 867-2142 • Telex # 558409  
FAX # 615-867-2145

## ORDERING INFORMATION

EW-31	Twin-winch 750 Wrecker without Body. Includes wrecker components and controls. Does not include PTO, rear jacks, outboard legs, snatch blocks, or throttle control.
EW-24	Outboard Keg Kit for 750 Wrecker. Includes two manually extendible outboard legs, pivot pins, leg swivel yokes, two leg chains, etc.
EW-33	Deluxe Heavy-Duty Body, Series 900. 96 inches wide. For CA's or CB's of 102 or 108 inches. Specify CA or CB. With fenderettes and manual rear jacks.
EW-35	Standard Heavy-Duty Body, Series 700. 96 inches wide. For CA's or CB's of 102 inches or longer. With manual rear jacks. (102" CA gives best appearance.)
EW-36	Deluxe Heavy-Duty Body, Series 900. 96 inches wide. For CA's or CB's of 120 or 126 inches. Specify CA or CB. With fenderettes and manual rear jacks.
X-7	Telescopic extendible booms in lieu of non-extendible booms. Specify axle type.
C-250	Two load cables 5/8" x 250 ft. in lieu of standard cables

### CHASSIS RECOMMENDATIONS

The Holmes 750 should be installed on a vehicle with at least a 28,000 lb. G.V.W. rating. Holmes bodies, with forward compartments require a cab-to-axle or cab-to-bogie dimension of 102". Truck width across the rear tires should not exceed 96".

In general, the truck frame should be the heaviest available and should have the truck manufacturer's maximum frame reinforcement. Commercial and owner-installed fishplating is not adequate.

Frame reinforcement on trucks should extend to the tailgate due to RJ-30 rear jackst incorporated in Holmes bodies. A maximum capacity (50,000 lb.) deadlift using rear jacks will require resisting-bending moments at a point 27¾" forward of the rear axle or bogie centerline as follows: 1,600,000 in.-lbs. per frame rail on single axle trucks; 2,250,000 in.-lbs. per frame rail on tandem trucks. For lesser loads, the truck frame strength may be proportionally less.

NOTE: Fuel tanks and other equipment extending behind the cab, and trucks wider than 96" may require body alteration and additional charges. If things of this nature are expected, consult Holmes International Inc.

† Holmes International Inc. is not responsible for body or truck frame damage that may result from the use of rear jacks or spades.

**HOLMES**®

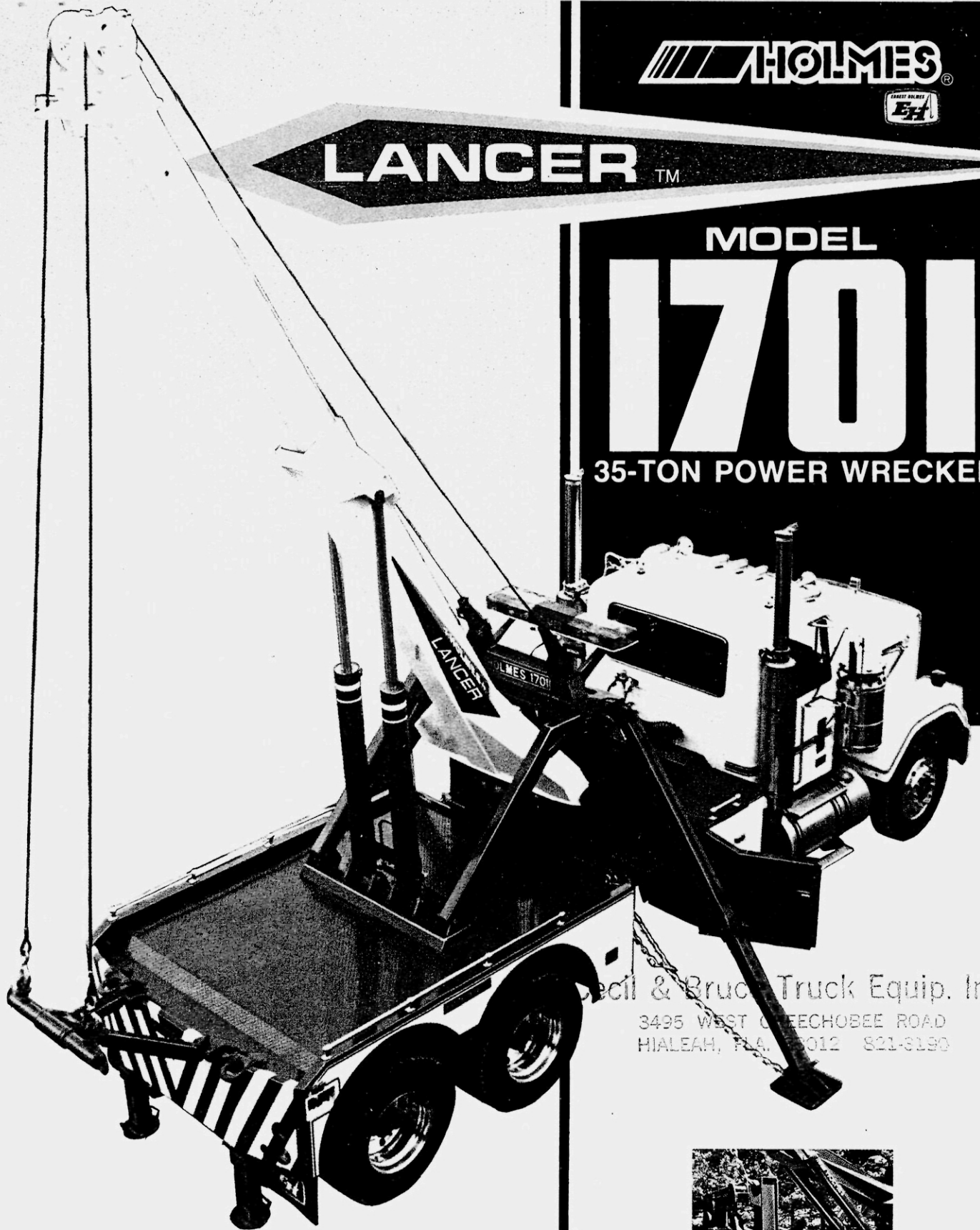


**LANCER**™

**MODEL**

**1701**

**35-TON POWER WRECKER**



**Cecil & Bruce Truck Equip. Inc.**

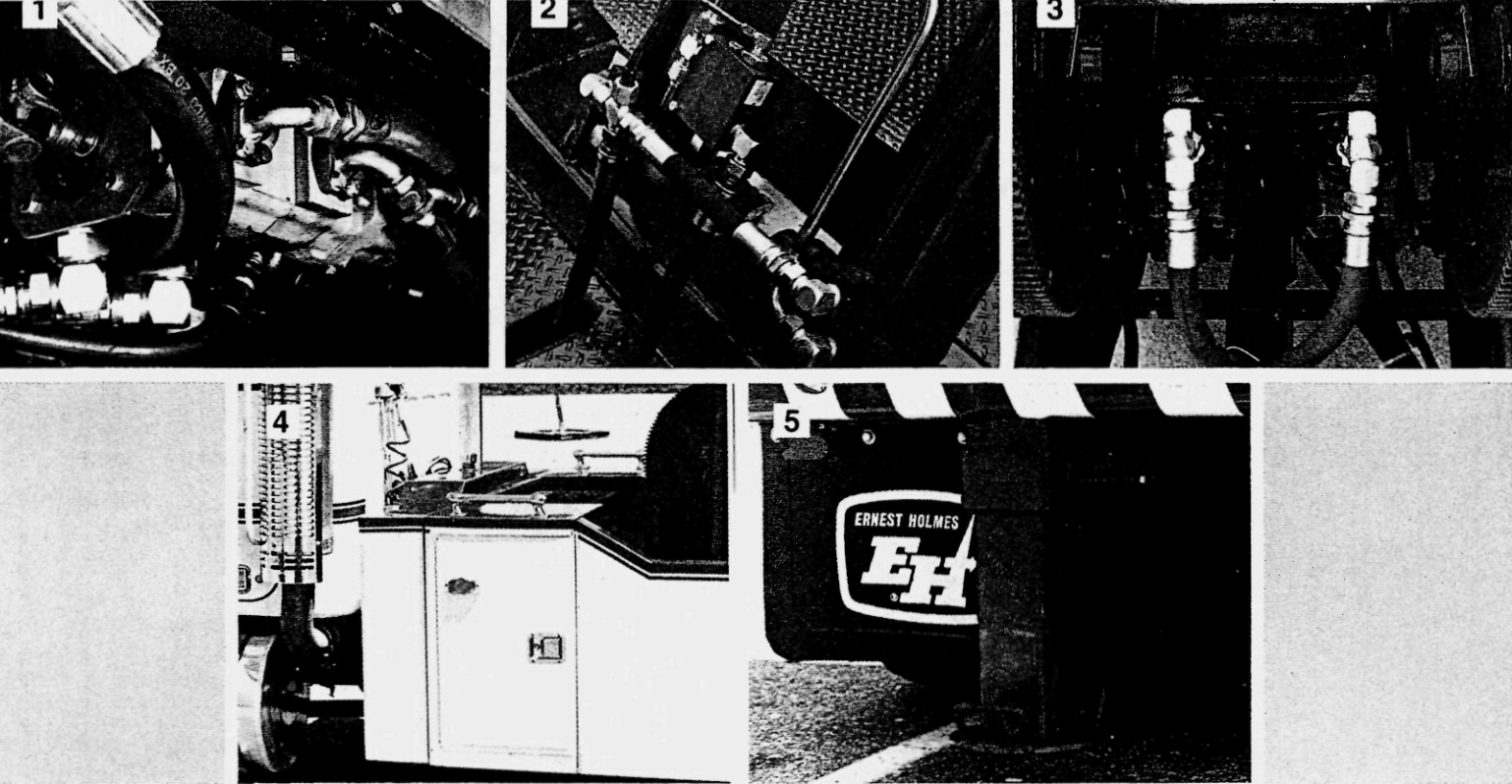
3495 WEST CREECHOBEE ROAD  
HIALEAH, FLA. 33012 821-8190

Hydraulically powered. Recovers and tows most large trucks. Has extraordinary recovery capabilities. Power, precision control and versatility are far beyond any previous model. Retains many features developed and proved during our past 70 years of designing and building wreckers. Construction quality has never been better. All this adds up to a wrecker that is truly unmatched in its class.



Now available with an underlift.

*1970's*



#### SPECIFICATIONS

Basic Wrecker Rating	35 Tons (70,000 lb)
Boom Structural Ratings	
Fully retracted	35 Tons (70,000 lb)
Fully extended	12 Tons (24,000 lb)
Boom Elevation System	
Method	Two hyd cylindrs (6" Dia)
Safety provision for holding load	Counterbalance valve
Boom Extension System	
Method	One hyd cylinder (5.5" Dia)
Safety provision for holding load	Counterbalance valve
Winch Ratings	
Line pull, each drum, 1st layer of cable	25.8 Tons (51,701 lb)
Line pull, each drum, 5th layer of cable	19.8 Tons (39,564 lb)
Line speed	18 - 27 fpm
Gear reduction	459 to 1
Drum diameter	15 inches
Maximum length of cable	285 feet
Winch Cable Furnished (Two)	
Type	6x25, Dyform-6 IWRC
Diameter	5/8-inch
Length, each drum	250 ft
Working load limit, single line	6.5 Tons (12,970 lb)
Breaking strength, single line	22.7 Tons (45,400 lb)
Wrecker height above truck frame	77.3 inches
Width of wrecker body (Max.)	96 inches
Weight, wrecker w/ body, incl. fluids	Approx. 12,550 lb
Weight, wrecker w/o body	Approx. 9,350 lb

1. Hydraulic power for the 1701 comes from this hydraulic pump with 3 independent stages. The pump is driven by a single input shaft.
2. This counterbalance valve serves as a safety valve that will hold the boom in the event that a hose or connection is accidentally broken.
3. These reversible hydraulic motors drive the dual winch of the 1701. Reversing a winch drum is accomplished by reversing hydraulic flow to its motor. Operation is quiet and smooth. Speed can be varied by "feathering" the control and adjusting engine throttle.
4. The hydraulic reservoir of the 1701 holds 95 gallons of oil. It is isolated from the wrecker structure and cannot be ruptured by stresses imposed on the wrecker structure. Its forward location permits it to function as a ballast for increased lift/tow capacity.
5. Each rear jack incorporates a hydraulic cylinder for extension and retraction. Each jack is locked by a conventional lock pin.

#### ORDERING INFORMATION

- LAN-12 Twin-winch 1701 Wrecker without Body. Includes wrecker and rear-jack hydraulic components and controls. Rear jacks are raised and lowered hydraulically, but must be manually locked. Includes rear jack inner tubes. Does not include rear jack outer tubes, outboard legs, snatch blocks or throttle control.
- LAN-3 Hydraulically Powered Outboard Leg Kit for 1701 Wrecker. Includes two outboard legs, two leg extension cylinders, two leg chains, hydraulic hoses, electrical controls and related parts.
- LAN-16 Deluxe Heavy-Duty Body, Series 900. 96 inches wide. For CA's of 144 or 156 inches or CB's of 120, 124, 130, or 136 inches. Specify CA or CB. With fenderettes. Incorporates rear jack outer tubes.

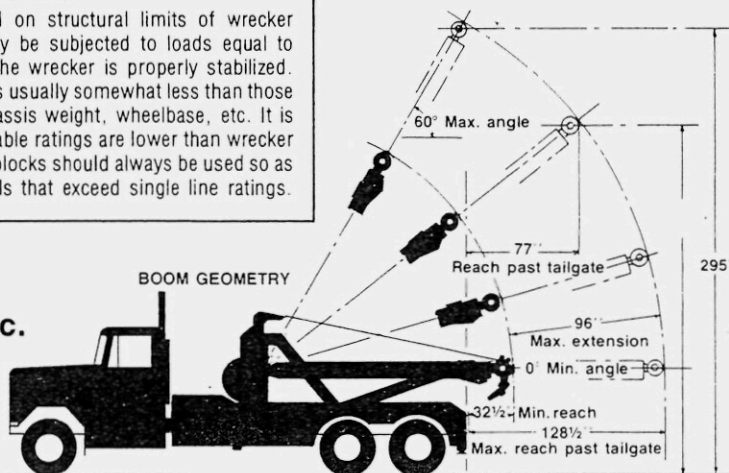
#### IMPORTANT NOTICE!

Wrecker and boom ratings are based on structural limits of wrecker components. The wrecker may actually be subjected to loads equal to those ratings in recovery work when the wrecker is properly stabilized. However, the lift/tow capacity of a unit is usually somewhat less than those ratings, depending mainly on truck chassis weight, wheelbase, etc. It is also important to note that single line cable ratings are lower than wrecker structural ratings. Accordingly, snatch blocks should always be used so as to connect additional line parts to loads that exceed single line ratings.

**HOLMES**

**Holmes International Inc.**

2505 East 43rd Street  
Chattanooga, Tennessee 37407  
(615) 867-2142 — FAX #231  
Telex #558409



#### CHASSIS RECOMMENDATIONS

CA's and CB's listed above apply to clear area behind the cab. Accordingly, the area should be free of exhaust stacks, battery boxes and other auxiliary equipment. If truck has vertical exhaust stacks, use distance from back of stacks to axle or bogie. Wrecker bodies for longer CA's or CB's can be adapted (within limits) by using door spacers (up to 9 inches) and/or tool compartments, either 10 inches or 22 inches wide. Chassis should have minimum RBM of 2,500,000 inch-pounds, each frame rail. Front axle GAWR, minimum, is 12,000 lbs. Rear axle GAWR, minimum, is 38,000 lbs.



# ***CHALLENGER***



*Presenting the ultimate  
in heavy-duty  
technology.*

Our heavy-duty towing and recovery vehicles continually outshine our competitors' models. Each heavy-duty Challenger unit provides the reach and capacity needed for tough recovery jobs — but strength isn't our only attribute. Our sleek body design and our many unique, popular towing and recovery options combine to make Challenger the undisputed leader in heavy-duty towing and recovery.

# Heavy-Duty Series

## Standard Equipment

- Fenderettes
- Safety holding valves on all cylinders
- Hydraulic rear jack legs with multi-position spades
- Twin hydraulic pumps
- Power boom elevation
- Dual outboard side-by-side elevation cylinders
- Single stage power extension
- Lubrication fittings on all moving parts
- 94" wide body with flat floor and wraparound canted tailgate
- 15" sill channels
- Dual control stations recessed at rear

- Mud flaps
- Federal standard 108 light group
- Wiring harness in conduit
- Provision for truck bar
- Vernier throttle control
- Four 12 cu. ft. tool compartments with shelves and stainless steel locking slam latches
- Safety chains
- Rear mounted recovery anchors

## Optional Equipment

- Air clutch release on winches
- Rear mounted drag winch

- Tool compartment lighting
- Chrome handrails and boarding steps
- Formed steel light bar pylon
- Light bar
- Cable tensioners
- Switch panels
- Air shift PTO
- Cable wings
- Aluminum package
- Work lights
- Snatch blocks
- Additional tool compartments
- Door closures
- Rear mounted air and seven-way plug

## Wrecker Specifications

	5802	6801	6807	8802	8807	9907
<b>Boom</b>						
Basic structural rating retracted	40,000 lbs.	70,000 lbs.	70,000 lbs.	90,000 lbs.	100,000 lbs.	120,000 lbs.
extended	12,000 lbs.	24,000 lbs.	20,000 lbs.	16,000 lbs.	34,000 lbs.	50,000 lbs.
Reach past tailgate retracted	2"	- 4 3/4"	24"	- 6"	24"	24 "
extended	67 1/2"	78 3/4"	180"	151"	180"	180"
Range of elevation	0° - 50°	0° - 57°	0° - 50°	0° - 57°	0° - 50°	0° - 50°
<b>Winch</b>						
Type	worm gear	worm gear	worm gear	worm gear	worm gear	planetary
Capacity per winch	20,000 lbs.	25,000 lbs.	30,000 lbs.	40,000 lbs.	45,000 lbs.	60,000 lbs.
Cable size	9/16" x 200'	5/8" x 200'	5/8" x 200'	3/4" x 250'	3/4" x 250'	7/8" x 250'
Line configuration	dual	dual	dual	dual	dual	dual
<b>Chassis Recommendations</b>						
GVW	27,500 lbs	40,000 lbs.	52,000 lbs.	50,000 lbs.	60,000 lbs.	72,000 lbs.
RBM (in./lb.)	2,000,000*	2,500,000	3,500,000	3,000,000	3,500,000	4,000,000

<b>Optional Underlift Specs</b>	<b>T-12 with 5802 only</b>	<b>T-25</b>	<b>T-50</b>
Lift capacity (lbs.) retracted	12,000	25,000	50,000
extended	10,000	13,000	16,000
Tow capacity	50,000	80,000	84,000
Extended reach past tailboard	77"	85"	114"
Tilt	auto	independent	independent
degrees above	7°	15°	15°
below	4°	10°	10°

**General information** A tandem axle chassis is recommended (the 5802 may also use a single); consult factory for more information. Minimum frame length behind center line of rear axle is 45". The outside frame rails of chassis extending behind cab must be free of fuel and air tanks, battery boxes, etc.

**Warning:** Do not exceed the boom or winch rating when hoisting or recovering. Do not exceed recommended working strength of cable (consult factory) when planning your cable rigging. Use snatch blocks and multiple lines to keep normal loads on cable.

\* With tandem axle. 1,000,000 in./lb. with single axle.

# CHALLENGER

Post Office Box 120  
Coltawah, TN 37363  
Phone (615) 238-4171  
Fax (615) 238-5371  
1-800-292-0330

**Challenger Representative:**

Form # CL S 501  
5M-0293

**NOTE:** Challenger reserves the right, without notice and without obligation, to improve or modify products, which may change the specifications, models, and feature availability.



# Heavy-Duty Integrated



Optional Equipment Shown.

## Innovative. Durable. Brutally Tough

Over two decades ago, Vulcan became a pioneer in the heavy-duty integrated towing and recovery market with the introduction of the Vulcan 940 and then continued its advancement with the Vulcan 3025. The V-100 is just one example of Vulcan's continued pursuit in providing the most innovative equipment to meet the demands of professional heavy-duty operators. For more information on Vulcan's innovative line of towing equipment contact your local Vulcan distributor, or call 800-489-2401 for the distributor closest to you.



# Innovative. Durable. Brutally Tough.

## BOOM SPECIFICATIONS

Model	Boom Structural Rating (S.A.E.)		Maximum Angle	Maximum Hook Height (inches)	Reach Past Tailboard at Minimum Boom Angle (inches)
	Retracted 30°	Extended 30°			
NV-50	50,000 lbs.	15,000 lbs.	30°	228"	127"
V-70	70,000 lbs.	28,000 lbs.	35°	233"	130"
V-100	100,000 lbs.	35,000 lbs.	35°	248"	140"
00 (3-Stage)	100,000 lbs.	18,000 lbs.	35°	304"	236"

All ratings are based on structural factors only, not vehicle capacities or capabilities. Specifications shown are approximations and may vary depending on chassis selected. Miller Industries Towing Equipment Inc. reserves the right to change or modify product and/or specifications without notice or obligation. Some equipment shown is optional.

\*All Recommendations are minimums. Heavier specifications may be required depending on chassis and equipment weight.

The outside frame rails of chassis extending behind the cab must be free of fuel tanks, air tanks, battery boxes, etc.

## UNDERLIFT SPECIFICATIONS

Model	Capacity Fully Extended to C.L. of Forks	Capacity Fully Retracted to C.L. of Forks	Underlift Tilt
NV-50	15,000 lbs. @ 116"	25,000 lbs. @ 53"	12°+ / 6°-
V-70	16,000 lbs. @ 116"	35,000 lbs. @ 60"	12°+ / 6°-
V-100	18,000 lbs. @ 116"	55,000 lbs. @ 60"	12°+ / 6°-
00, V-70 EuroLift	V-70 16,000 lbs. @ 144" V-100 18,000 lbs. @ 144"	55,000 lbs. @ 67"	12°+ / 6°-

## WINCH RATING & CABLE

Model	Winch Capacity	Winch Type	Cable Specifications
NV-50	(2) 25,000 lbs.	Planetary or Worm	5/8" x 200' 6x37 I.W.R.C.
V-70	(2) 35,000 lbs.	Planetary (2-Speed Optional)	3/4" x 200' 6x37 I.W.R.C.
V-100	(2) 50,000 lbs.	Planetary 2-Speed	3/4" x 200' 6x37 I.W.R.C.

## CHASSIS RECOMMENDATIONS\*

Model	Front Axle (lbs.)	Rear Axle (lbs.)	Clear C.A. / C.B.	After Frame from Center of Rear Axle	R.B.M. (in./lbs.)
50 (Single Axle)	12,000	21,000	156" to 186" C.A.	36½"	1,650,000
V-70	13,200	40,000	156" to 200" C.B.	36"	2,250,000
V-100	14,600	40,000	156" to 200" C.B.	36"	3,000,000

## BODY SPECIFICATIONS

Model	Common Body Configuration	Additional Body Configurations
NV-50 (Single Axle)	156" C.A.	186" C.A.
V-70 / V-100 (Tandem)	160" C.B.	180" / 200" / 220" C.B.
V-70 / V-100 (Tri-Axle)	180" C.B.	200" / 220" C.B.
SP 850-XP (Tri-Axle)	180" C.B.	200" C.B.

## STANDARD FEATURES

6" Wide Aluminum Modular Body  
Remote Keyless Lock/Unlock for Toolboxes  
Equal Control Stations with Direct Link  
Activated Levers  
Full 15 Function Remote Lanyard Controls  
(Passenger side)  
Underlift In-Cab Controls  
4-Way Switch Panel  
Dual Pressure Gauges  
Independent Hydraulic Rear Spades  
Framement Pads (N/A with Flipper Foot Opt.)  
Power Work Lights  
Hood Flaps  
Tailboard Fork & Chain Storage  
Fork Holders  
Safety Chains in Rear Pockets  
Section Hydraulic Pump  
Light Pylon  
Tailboard D-rings  
LED Lighting  
Aluminum Tread-plate Walkway  
LED Toolbox Lighting  
Adjustable Shelves  
Dual Chain Racks  
Air & Electrical Hook-Ups  
Rubber Isolators for Body Mounting

## BOOM

- Power Elevation
- Power Extension
- Dual Hydraulic Winches
- Air Cable Tensioners
- Air Free Spool
- 360° Sheave Heads
- Cable Tie Backs
- Tailboard Recovery Anchors
- Spherical Bearings in Main Boom Pivot
- Single Grease Fitting for Lubrication of Inner Boom Top Pad

## UNDERLIFT

- Power Elevation & Extension
- Hydraulic Fold
- Patented Power Tilt
- 3 Stage Design
- 1 Piece Pivot Pin
- Upper/Lower Thrust Washer
- Low Profile Crossbar
- 70° Pivoting Crossbar
- 6 Pair of Cast Steel Forks
- 1 Pair of Hook Adapters
- Low Profile Fork Receivers
- High Stands
- 1 Pair of Spring Lift Hangers
- King Pin Lifting Plate

## OPTIONAL FEATURES

- Air Shift P.T.O.
- Euro Stinger -144" (V-70/V-100 only)
- Multi-Positional Flipper Feet
- Heavy Duty Tire Lift
- Tire Lift Storage Brackets
- Chain Hook Slide Adapters
- Pintle Hook Attachment
- 5th Wheel Plate (Requires Pintle Hook Attachment)
- King Pin Attachment (Requires Pintle Hook Attachment)
- Trailer Ball Adapter (Requires Pintle Hook Attachment)
- Additional Lift Forks
- Underlift light kit
- Additional Lighting
- Boom Angle Indicator
- Chain Package
- Endless Loop Sling Package
- Screw Pin Shackle Kit
- Wireless Remote Control (Std. on V-100)
- Side Work Lights
- Power Touch System
- Tailboard Underlift Controls
- 3 or 7 Drawer Toolbox
- Washdown Sink
- Engine Data Info Center
- Snatch Blocks
- Wide Load Light Bar
- Rear Camera & Monitor
- Navigation System & Rear Camera
- Convenience Groups
- Aluminum Dress Up Kits
- Installation

**Miller**  
INDUSTRIES

**Vulcan**

DISTRIBUTED BY:

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800-489-2401 • 423-238-7227

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# CENTURY®

L E G E N D A R Y L E A D E R S H I P

## “BUILT TO PERFORM!”



**“CENTURY’S  
MODEL 9055  
...A HEAVY DUTY  
TOWING VEHICLE  
IN A CLASS  
BY ITSELF!”**

The 9055 from Century is built to perform in both towing and recovery applications. Dual 45,000 lb. recovery winches mounted on a full hydraulic 45-ton recovery boom combined with an integrated underlift that offers full power tilt sets the 9055 well ahead of the competition.

Couple those features with an underlift reach of 114", an underlift design that does not interfere with recovery applications *plus* a weight conscious body design, and you'll understand why the 9055 from Century is in a class all of it's own.



## STANDARD FEATURES

- Significant weight forward for better stability
- Efficiency, power, reach and reliability standards among industry's highest
- Two Worm Gear Winches, mounted on Centerline of Boom for maximum stability and efficiency
- Main and Auxiliary Boom fabricated in High-Strength Steel, with rugged Self-Aligning Head Pieces
- Simple to operate—no tricky mechanisms to learn
- Automatic Hydraulic Lock and Fold Cylinder—no complicated latch
- Boom Lift power is continuous from bottom to top: Power remains stable with any added height, Seal Reliability is great with Single Stage Lift Cylinders
- Stinger Power Tilt for the flexibility to lay flat, ability to control clearances by tilting during lift
- Rear Bumper and Jack Legs closer to Rear Axle so load can pulled in closer for better stability
- Unique Modern Styling
- Proven 3-Stage Stinger and Crossbar

## STANDARD EQUIPMENT

- PTO & Pump
- 10-Pair Lifting Attachments
- Air Free-Spool and Cable Tensioners
- Lighted All-Steel Tool Compartments
- Chain Racks and Tool Holders
- Rear Hydraulic Spade Stabilizers
- Remote Throttle Control
- Federal Standard 108 Lighting
- Boom Controls both sides of Unit
- Pressure Gauges • Safety Chains
- Trailer Air • 7-Way Connectors
- Air Shift PTO • Light Bar Pylon • Mud Flaps
- 6-Function Remote Control (less Cable Reel)
- 3/4" X 250' Cable • Work Lights in Body Sides
- SP-9 Switch Panel • Two 45,000 lb. Winches

## OPTIONAL EQUIPMENT

- In-Cab Controls with Fold
- Remote Control Cable Reel
- Light Bar
- Work Lights
- Convenience Group
- 180" CB Body
- Installation
- Tunnel Compartment (180" CB Body only)
- Aerodynamic Light Pylon
- Aluminum Package
- Other Century Options

## SPECIFICATIONS

Position	Reach	Rated Capacity
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### UNDERLIFT

Fully Retracted	35"	55,000 lbs.
Second Stage	87"	26,000 lbs.
Third Stage	114"	17,000 lbs.
CTR of Rear Axle:		
To Rear Bumper	39"	

### RECOVERY BOOM

Lift Cylinders	7" Bore
Boom Power:	
Retracted at 3°	60,000
Retracted at 30°	TEMA 90,000
Out at 3°	20,000
Out at 30°	30,000
Max. Extension	144"
Max. Angle	39°
Max. Hook Height:	
Spades Up	246"
Reach Past UL:	
At Max. Angle	65"
Reach Past UL:	
At 3° Boom Angle	128"

### WINCHES

Main	45,000 lbs.
Auxiliary	45,000 lbs.

## CHASSIS RECOMMENDATIONS

Tandem 38,000 rear axle capacity. Minimum R.B.M. (resisting bending moment) for each frame rail is 2,250,000 in./lb. Minimum G.V.W. (gross vehicle weight) is 50,000 lbs. Minimum C.B. (cab to bogie) dimension is 160 inches. The minimum frame length behind the center line of the rear axle is 40 inches. The outside frame rails of chassis extending behind cab must be free of fuel tanks, air tanks, battery boxes, etc.

# CENTURY®

CENTURY  
P.O. Box 120, Ooltewah, TN 37363  
Phone: (615) 238-4171  
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# CENTURY®

## HEAVY DUTY

### INTEGRATED



## BOOM SPECIFICATIONS

Model	Boom Structural Rating (S.A.E.)		Boom Angle	Maximum Hook Height (inches)	Hydraulic Boom Extension (inches)
	Retracted 30°	Extended 30°			
4024	20 ton	15,000 lbs.	40°	190"	96"
5130	25 ton	16,000 lbs.	39°	219"	120"
5230	30 ton	16,000 lbs.	39°	219"	120"
7035	35 ton	22,000 lbs.	40°	249"	130"
9055	50 ton	30,000 lbs.	39°	259"	144"
9055 (3 Stage)	50 ton	18,000 lbs.	39°	299"	216"

## UNDERLIFT SPECIFICATIONS

Model	Extended Underlift	Retracted Underlift	Tilt Arc	Tow Rating
4024	12,000 lbs. @ 103"	24,000 lbs. @ 39"	8°	50,000 lbs.
5130 / 5230	16,000 lbs. @ 113"	35,000 lbs. @ 46"	20°	80,000 lbs.
7035*	16,000 lbs. @ 128"	35,000 lbs. @ 54"	20°	80,000 lbs.
7035 Coach Low Rider	16,000 lbs. @ 138"	35,000 lbs. @ 59"	20°	80,000 lbs.
9055*	17,000 lbs. @ 138"	55,000 lbs. @ 55"	17°	80,000 lbs.
9055 Coach Low Rider	17,000 lbs. @ 160"	55,000 lbs. @ 62"	17°	80,000 lbs.

Based on a 42" chassis frame height. Retracted distance taken with fork holders flipped inward  
\* Measurement & Specifications include the Optional "Street" Lowrider

## WINCH SPECIFICATIONS

Model	Winch Capacity	Winch Type	Cable Specifications
4024	20,000 lbs.	Dual Planetary Winch	9/16" x 175' I.W.R.C.
5130	25,000 lbs.	Dual Planetary Winch (2 Speed)	5/8" x 200' I.W.R.C.
5230	25,000 lbs.	Dual Planetary Winch (2 Speed)	5/8" x 200' I.W.R.C.
7035	35,000 lbs.	Dual Planetary Winch (2 Speed)	3/4" x 200' I.W.R.C.
9055	50,000 lbs.	Dual Planetary Winch (2 Speed)	3/4" x 250' I.W.R.C.
SP 850-XP	35,000 lbs.	Dual Planetary Winch (2 Speed)	5/8" x 200' I.W.R.C.

## CHASSIS RECOMMENDATIONS

Model	Front Axle (lbs.)	Rear Axle (lbs.)	Clear C.A. / C.B.	After Frame from Center of Rear Axle	R.B.M. (in./lbs.)
4024	10,000	21,000	138"	42"	1,200,000
5130	12,000	21,000	156"	40"	1,650,000
5230	13,200	40,000	156"	40"	2,250,000
7035	13,200	40,000	156"	40"	2,250,000
7035 (SP 850-XP)	14,600	40,000	204"	40"	3,000,000
9055	14,600	40,000	156"	40"	3,000,000
9055 (SP 850-XP)	20,000	40,000	204"	40"	3,500,000

## STANDARD FEATURES

Dual Control Stations  
Pressure Gauges & Hour Meter  
Hydraulic Pump  
Diagonal Hydraulic Rear Spades w/Flipper Feet  
Safety Chains in Rear Pockets  
Air & Electric Hook Ups  
MVEC Power Distribution System & Switch Panel  
MMO Interface (7035/9055 only)  
Tailboard D-Rings (7035/9055 only)

## UNDERLIFT FEATURES

- Power Tilt & Power Extension
- Hydraulic Fold
- 3-Stage Design
- Low Profile 70° Pivoting Heavy Duty Fabricated Cross Bar
- Low Profile Fork Holders
- Pivoting Spring Lift Adaptors
- Chain Hook End Caps
- 14 FXN Wireless Remote Control with Charging/Docking Station (7035/9055 only) {8 FXN on 4024/5130/5230}
- 9 Sets of Cast Steel Forks:
  - 3" Short 4.5" Short Grab Axle Fork
  - 3" Medium 4.5" Medium 6" Short Offset
  - 3" Tall 4.5" Tall 6" Medium Rear Axle Fork

## BODY FEATURES

- 96" Wide Aluminum Modular Body
- Rubber Mounting Isolators
- LED Body Lighting
- LED Tool Compartment Lighting
- Chrome Double Action Latches with Remote Lock/Unlock
- Gas Door Shocks
- Adjustable Shelves
- Lift Fork Storage
- Chain Storage
- Tailboard Fork & Chain Storage
- Aluminum Tread-Plate Walkway
- Mud Flaps

## BOOM FEATURES

Power Elevation & Power Extension  
360° Sheave Head  
Cable Tie Backs  
Cable Tensioners  
Winch Air Free Spool  
Dual 2-Speed Planetary Winches (N/A for 4024)

All ratings are based on structural factors only, not vehicle capacities or capabilities. Specifications shown are approximations and may vary depending on chassis selected. Miller Industries Towing Equipment Inc. reserves the right to change or modify product and/or specifications without notice or obligation. Some equipment shown is optional.

\*All Recommendations are minimums. Heavier specifications may be required depending on chassis and equipment weight.

The outside frame rails of chassis extending behind the cab must be free of fuel tanks, air tanks, battery boxes, etc.

## OPTIONAL FEATURES

Air Shift PTO  
Tailgate Underlift Controls  
Additional Body Lengths  
Crossover Tunnel Box  
Polybilt Body Option  
MMO Interface (STD 7035/9055)  
LED Body Strip Lamps  
Body Lighting Strobe Kit  
Aluminum Dress-Up Kits  
Aluminum Tubular Light Pylon  
3 and 4 Drawer Tool Boxes  
Offset Fork Holder Extensions

- Fork Riser Brackets
- Chain Hook Slide Adapter
- Pintle Hook Attachment
- 5th Wheel Plate
- King Pin Attachment
- Trailer Ball Adapter
- Heavy Duty Tire Lift (13K)
- XHD Tire Lift (25K)
- Tire Lift Storage Brackets
- Chain Washdown Compartment
- Additional Lift Forks
- Ground Penetrating Plate

- Backlit Controls
- Low Pull "D" Ring Kit
- Flipper Feet Grater Blades
- Chain Package
- Endless Loop Sling Package
- Spreader Bars
- Screw Pin Shackle Package
- Snatch Blocks
- Snatch Block Storage Bar or Rack
- Light Bar
- Work & Hook-Up Lighting
- Xenon Boom Lights

- Swivel Work Lights
- Upgrade to 7035 Underlift (5130/5230)
- Street LowRider Underlift (7035 & 9055)
- Coach LowRider Underlift (7035 & 9055)
- PTO Override
- Wireless Wide Load Light Bar
- Dual Rear Camera & Monitor
- Hydraulic Extendable Rear Outriggers
- 24", 30", 36" or 48" Saddle Tunnel Box
- Shelf Kit for 30", 36" & 48" Tunnel Boxes
- "D" Rings (Tailboard Mount, Standard on the 7035 & 9055)
- 9055-B (2-Stage Boom, 35K Winches, MMO Delete)

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INDUSTRIES

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**ZIP'S**  
TRUCK EQUIPMENT

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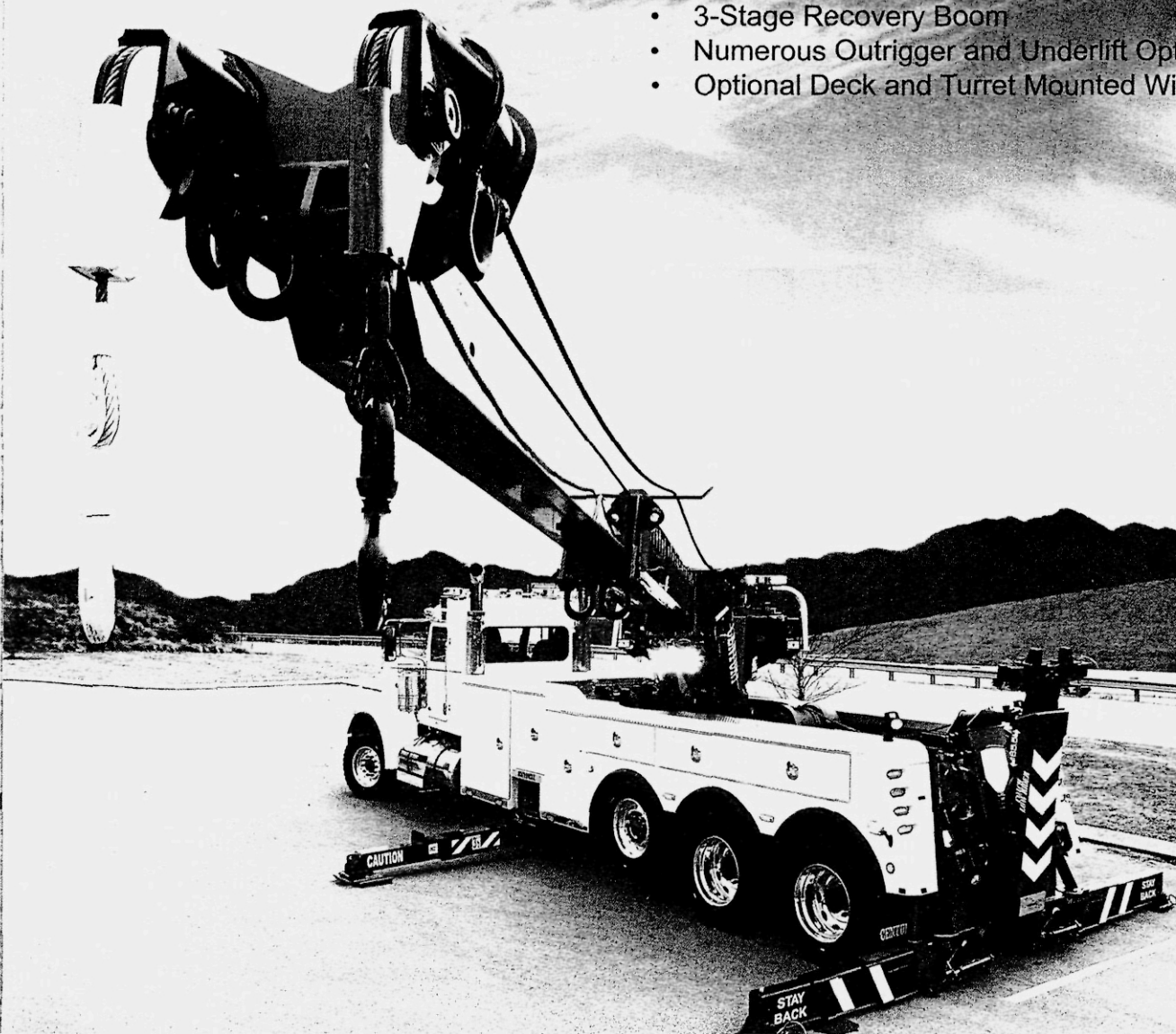


# CENTURY®

## 1150, 1150R, & 1150RXP

After over 2 years of extensive research, design, and testing, Century is proud to introduce the 1150, a 50 ton rotator ideal for heavy recovery with a weight saving design for your daily towing. Features include:

- Dual 50,000 lb. Planetary 2 Speed Winches
- 360 Degrees of Continuous Boom Rotation
- 3-Stage Recovery Boom
- Numerous Outrigger and Underlift Options
- Optional Deck and Turret Mounted Winches



## Standard Underlift Features

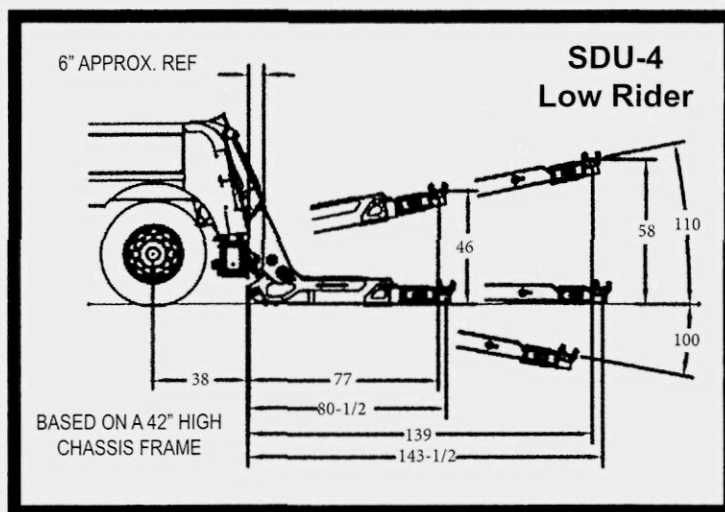
- SDU-4 Low Rider
- Power Elevation
- Power Extension
- Power Tilt
- Hydraulic Fold
- 3-Stage Design
- 2 Piece Pivot Pin
- Upper/Lower Thrust Washer
- Low Profile Heavy Duty Crossbar
- 70° Pivoting Crossbar
- Low Profile Fork Holders
- 9 Pairs of Cast Steel Forks
- 1 Pair of Spring Lift Adapters
- Safety Chains in Tailboard

## Optional Features

- Coach Low Rider Underlift
- Front Outrigger Side Pull Attachment
- Chain Package
- Endless Loop Sling Package
- Alloy Foundry Hooks
- Alloy Shackles
- Alloy Snatch Blocks
- Spreader Bar
- Rotator D-Ring Package
- Dual Rear Cameras & Monitor
- Air Shift PTO
- 24", 30", 36" 48" Saddle Tunnel Box
- Convenience Group (Rails & Steps)
- Pintle Hook Attachment
- 5th Wheel Plate (Req. Pintle Hook Attachment)
- Trailer Ball Adapter (Req. Pintle Hook Attachment)
- Heavy-Duty Tire Lift
- XHD Tire Lift (25k Capacity)
- Offset Fork Holder Extensions
- Fork Riser Brackets
- Chain Hook Slide Adapter
- Additional Lift Forks
- Chain Rack Carousel
- Stainless Steel Fenderettes
- Front Mounted 3 Stage H-Beam Outriggers - 262" stance (Std. 1150R/Not Available RXP)
- Rear 4 Stage Outriggers - 220" stance
- Dual H-Beam Outriggers - 262" stance (1150, 1150R)
- Aluminum Dress-Up Kits
- Winch Bucket Mounted Aluminum Tubular Pylon
- Manual Override Control for PTO
- 3 or 4 Drawer Toolbox
- Water Tank Kit
- Light Bar
- Flasher Kit
- Boom Scene Lights
- LED Work & Hook-Up Lighting
- Wide Load Light Bar
- LED Side Lights
- LED Body Strip Lights
- Additional Lighting
- Installation

## Optional Controls (1150, 1150RXP)

- MMGO (Load Sensing)
- Backlit Controls
- Radio Proportional Controls with Single Mounted Controls (includes backlit controls)
- Raptor Package (standard on 1150R)
- Right Hand Manual Controls
- Tailboard Underlift Controls



All ratings are based on structural factors only, not vehicle capacities or capabilities. Specifications shown are approximations and may vary depending on chassis selected. Miller Industries reserves the right to change or modify product and/or specifications without notice or obligation. Some equipment shown is optional.

## Underlift Specifications

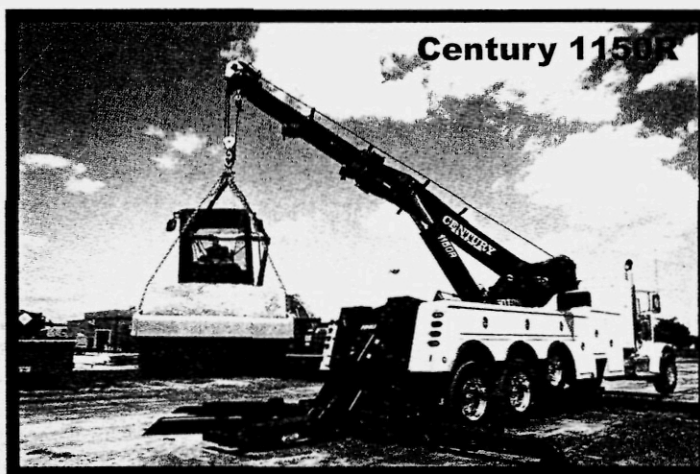
Underlift Specifications	Capacity Fully Extended to C.L. Forks	Capacity Fully Retracted to C.L. Forks	Underlift Tilt
Low Rider	17,000 lbs. @ 143.5"	55,000 lbs. @ 54"	10° + 10° -
SDU-4 Coach Low Rider	18,000 lbs. @ 165.5"	55,000 lbs. @ 66"	10° + 10° -

\* Tire lift increases reach 12" to 16" to C.L. of tire lift arm.

## Recommended Minimum\* Chassis Specifications

	Front Axle (lbs)	Rear Axle (lbs)	Clear C.A. / C.B.	After Frame from Center of Rear Axle	R.B.M. (in./ lbs.)
1150	20,000	46,000	180"	40"	4,000,000
1150R	20,000	52,000	180"	40"	4,000,000
1150RXP	20,000	46,000	204"	40"	4,000,000

\*All recommendations are minimums, heavier specifications may be required depending on chassis & equipment weight. always consult your local distributor or the factory for additional information.



**mi**  
INDUS  
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**ZIP'S**  
TRUCK EQUIPMENT

316 W. Milwaukee  
P.O. Box 511  
New Hampton, IA 50659  
[www.zips.com](http://www.zips.com)  
800-222-6047



# CENTURY®

## 1060 & 1075 Rotator Series



Century 1075 S with front 3 stage outriggers, rear 4 stage outriggers and other popular options shown.

## Power + Versatility = Performance

For more than three decades, Century has set the industry standard for superior quality and design in heavy-duty recovery equipment. This level of success can be attributed to Century making versatility a high priority. Century understands the importance of providing towers with the ultimate piece of equipment for both towing and recovery applications alike.

For your more difficult tows, Century's durable, field-proven underlift operates independent of the recovery boom. And for your more demanding recoveries, the ruggedly powerful three-stage recovery boom is fabricated from high-tensile steel to save weight without sacrificing strength. Finally, Century offers a choice of six different outrigger systems for stabilizing your rotator during the really heavy lifts.

Combine this strength and versatility with high-end features such as lightweight aluminum tool compartments that maximize storage for your additional towing and recovery equipment, and you can see why Century is the industry's number one selling brand of rotator.

**Miller**  
INDUSTRIES

## Underlift Specifications

Underlift Specifications	Capacity Fully Extended to C.L. Forks	Capacity Fully Retracted to C.L. Forks	Under-lift Tilt
SDU-4	17,000 lbs. @ 143.5"	55,000 lbs. @ 54"	10° + 10° -
Rider	18,000 lbs. @ 165.5"	55,000 lbs. @ 66"	10° + 7° -

Underlift increases reach 12" to 16" to C.L. of tire lift arm.

## Recommended Minimum\* Chassis Specifications

Front Axle (lbs.)	Rear Axle (lbs.)	Clear C.A. / C.B.	After Frame from Center of Rear Axle	R.B.M. (in./lbs.)
10,000	46,000	180°	40°	4,000,000

\*Recommendations are minimums, heavier specifications may be required depending on chassis and component weight, always consult your local distributor or the factory for additional information.

Outside frame rails of chassis extending behind the cab must be free of fuel tanks, air tanks, battery boxes, etc. OEM chassis may be used but a tri-axle is recommended for rotor applications. Maximum frame height limits equipped with the SDU-4 underlift is 42". Always consult your local distributor or the factory for additional information.

## Standard Body Features

6" Wide Aluminum Modular Body  
80" C.B.  
Large Forward Compartments  
Compartments Over the Wheel Well  
Double Panel Doors  
Door Checks  
Double Action Latches with Keys  
Power Locks  
LED Federal #108 Lighting  
LED Toolbox Lighting  
Rubber Fenderettes  
Mud Flaps  
Chain Rack  
Work Holders  
Attachment Storage  
Rubber Isolators  
Rigid Torsional Resistant Mounting Frame  
Tailboard Mounted D-Rings  
Two Rear Outrigger Spade Attachments  
With "D" Rings  
Rear Air & Electrical Hook-ups

## Standard Features

- ▶ Power Elevation
- ▶ 360° Continuous Boom Rotation
- ▶ Proportional 2 Stage Power Boom Extension with Counter Balance Valve
- ▶ Hydraulic Reservoir with an Oil Level Sight Gauge, Tank Drain, and Access Panel
- ▶ Nylatron Boom Slide Pads
- ▶ Holding Valves for Boom Elevation & Extension
- ▶ Dual 2-Speed Winches
- ▶ Cable Tensioners
- ▶ Winch Air Free Spool
- ▶ House Lock Window (Driver Side)
- ▶ Boom Angle Indicator
- ▶ Hydraulic Rear Outriggers with Removable Pads
- ▶ Hydraulic Front Outriggers
- ▶ Air Activated House Lock, Secures Boom for Transport in Rear or Forward Position
- ▶ House Lock Indicator
- ▶ Hydraulic Pump
- ▶ 360° Sheave Heads
- ▶ Dual Control Stations
- ▶ Hydraulic Pressure Gauges (Driver Side)
- ▶ 2 "D" Rings Mounted on 1st, 2nd and 3rd Stage
- ▶ MMO System

## Standard Underlift Features

- ▶ Power Elevation
- ▶ Power Extension
- ▶ Power Tilt
- ▶ Hydraulic Fold
- ▶ 3-Stage Design
- ▶ 2 Piece Pivot Pin
- ▶ Upper/Lower Thrust Washer
- ▶ Low Profile Heavy Duty Crossbar
- ▶ 70° Pivoting Crossbar
- ▶ Low Profile Fork Holders
- ▶ 9 Pairs of Cast Steel Forks
- ▶ 1 Pair of Spring Lift Adapters
- ▶ 1 Pair of Hook Adapters
- ▶ Safety Chains In Tailboard

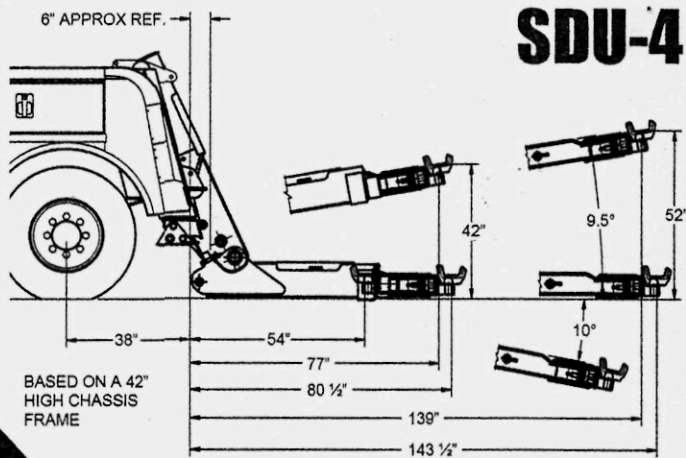
## Optional Features

Low Rider Underlift  
Front Outrigger Side Pull Attachment  
Chain Package  
Endless Loop Sling Package  
Joy Foundry Hooks  
Joy Shackles  
Joy Snatch Blocks  
Spreader Bar  
Rotator "D" Ring Package  
Dual Rear Cameras & Monitor  
Rear Shift PTO  
12", 30", 36", or 48" Saddle  
Funnel Box  
Convenience Group (Rails & Steps)  
Single or Dual Drag Winches  
Dual 22k Turret Mounted Winches  
Pintle Hook Attachment

- ▶ 5th Wheel Plate (Requires Pintle Hook Attachment)
- ▶ Trailer Ball Adapter (Requires Pintle Hook Attachment)
- ▶ Heavy-Duty Tire Lift
- ▶ XHD Tire Lift (25k Capacity)
- ▶ Offset Fork Holder Extensions
- ▶ Fork Riser Brackets
- ▶ Chain Hook Slide Adapter
- ▶ Additional Lift Forks
- ▶ Stainless Steel Fenderettes
- ▶ Front Mounted 3 Stage H-Beam Outriggers (262" stance)
- ▶ Front Mounted 2 Stage H-Beam Outriggers (212" stance)
- ▶ Rear 4 Stage Outriggers (220" stance)

- ▶ Dual H-Beam Outriggers (262" stance)
- ▶ Aluminum Dress-Up Kits
- ▶ Winch Bucket Mounted Aluminum Tubular Pylon
- ▶ Manual Override Control for PTO
- ▶ Tailboard Underlift Controls
- ▶ Backlit Controls
- ▶ Radio Proportional Controls with Single Manual Controls (includes backlit controls)
- ▶ MMGO Power distribution system & Load sensing
- ▶ Right hand manual controls
- ▶ 4-Drawer Tool Box
- ▶ 3-Drawer Tool Box
- ▶ Water Tank Kit
- ▶ Light Bar
- ▶ Flasher Kit

- ▶ Boom Scene Lights
- ▶ L.E.D. Work & Hook-Up Lighting
- ▶ Wide Load Light Bar
- ▶ LED Side Lights
- ▶ LED Shelf Lights
- ▶ LED Body Strip Lights
- ▶ Additional Lighting
- ▶ Installation
- ▶ Chain Rack Carousel
- ▶ Raptor package includes Proportional Console Control Stations, GS Load Sensing, 2 Tailboard Underlift Switch Panels



All ratings are based on structural factors only, not vehicle capacities or capabilities. Specifications shown are approximations and may vary depending on chassis selected. Miller Industries Towing Equipment Inc. reserves the right to change or modify product and/or specifications without notice or obligation. Some equipment shown is optional.

NOTE: All ratings are based on structural factors only, not vehicle capacities or capabilities. Specifications shown are approximations and may vary depending on chassis selected. Platform rating is based on an equally distributed load. Actual payload carrying capacity is determined by the curb weight of the chassis and equipment and should not exceed the GVWR of the chassis. Miller Industries Towing Equipment Inc. reserves the right to change or modify product and/or specifications without notice or obligation. Some equipment shown is optional.

**Miller**  
INDUSTRIES  
Industries Towing Equipment Inc.  
Served.

**ZIP'S**  
TRUCK EQUIPMENT

316 W. Milwaukee  
P.O. Box 511  
New Hampton, IA 50659  
[www.zips.com](http://www.zips.com)  
800-222-6047

**Matheny Motor Truck Company**  
**50 Matheny Lane**  
**Mineral Wells, WV 26150**

**January 21, 2014**

**Contact: Michael Rauh**  
**Telephone: (304) 485-4418 ext. 540**  
**Fax: (304) 489-0061**

**Customer**

**A.G. Birrell Co**

**Contact: Bob Birrell**

**Telephone:**

**Kinsman, OH 44428**

**Fax: Number**

**Truck**

**GVWR:**

**Engine:**

**Transmission:**

**PTO:**

**C/A - C/T:**

**Modify To:**

**Source: Customer Provided**

**VIN:**

**SPEC:**

**Bed**

**Century 9055 3-Stage Boom 50 Ton- 156" C/B Alum Body (Includes the Following)**

**9 Scts Forks, Spring Lift Adaptors, 14 FXN Wireless Remote w/Docking Station,  
 MMO- PWR Distribution, 2 Speed Winches, Pressure Gauges, Air/ Elec, Air Free  
 Spools/Cable Tensioners, Pwr Door Locks/ Toolboxes, Hour Meter, Heel Plate**

**Regular**

**Miller Industries, Inc.**

**Part Number**

**( Quantity ) + Accessory**

	(16) -- Millenium Light Part# 124002646 - Clear ( Eight Per Side Equally Spaced on Body Cap)
	(1) -- UNIT TO BE INSTALLED ON CUSTOMER SUPPLIED CHASSIS PER MILLER SPEC
	(1) -- Price Includes Paint - One Color - Black Boom/Center Section
	(1) -- Chassis Information Required to Verify Build Specs Prior to Installation
124004132	(1) -- 180" Aluminum Body Option (156" body is standard)
124002537	(1) -- Tri-Axle Body Option Aluminum Body
	(1) -- Low Pull "D" Ring Kit
	(1) -- Backlit Control Station w/ XP 850
129003012	(1) -- 9055- Air/Elec PTO (Manual Transmission)
124002680	(1) -- Single Action Manual Override Kit (614- 9055)
124001979	(1) -- Tailboard Underlift Panel - Waterproof ( Left Hand Side Per Cutomer)
124004448	(1) -- Underlift Hookup Hella LED Light (round)
124002725	(1) -- Lower Hookup Hella Lamps (oval)
124002723	(2) -- Upper Pylon Hella Dual Bulb Lamps (rect)
124002717	(1) -- Docking Light installed (pair)
124002263	(1) -- Hella Black Swivel Flood (pair)
124004494	(1) -- Wireless Tow Light Bar- 36" Wide
124004444	(2) -- M6 Lamp Kit (pair)
124004452	(1) -- LED Flex Lamp Kit (pair, left and right side)
124002710	(1) -- Whelen 72" LED 16 Head W/L & STT
124004220	(1) -- LED Strip Light Kit- 206" CA/ 180" CB Body
124002413	(1) -- Tailboard D ring kit (std 7035/9055)
124004442	(1) -- LCD Flat Screen Color (Dual Camera System)
124002667	(1) -- Modular Aluminum 3 Drawer Storage Box
124004166	(1) -- Modular Aluminum 4 Drawer Storage Box

**Bed Subtotal: \$208,697.97**

**Truck Subtotal: \$0.00**

**This quote is valid for 30 days after January 21, 2014.**

**Subtotal: \$208,697.97**

**Company**

**State Tax: \$0.00**

**Customer**

**FET: \$25,043.76**

**Total: \$233,741.73**



**Matheny Motor Truck Company****50 Matheny Lane****Mineral Wells, WV 26150****Contact: Michael Raub****Telephone: (304) 485-4418 ext. 540****Fax: (304) 489-0061****January 21, 2014****Part Number****( Quantity ) + Accessory**

124002468	(2) -- Boom Angle Indicator for Integrated boom
124004258	(1) -- Air Line and Storage Kit (includes Air Lines)
124002615	(1) -- Volvo Fork (pair)
124002229	(1) -- Chain Hook Attachment- Pair
124002211	(1) -- Pintle Hook Attachment
124001833	(1) -- Fifth wheel kit (requires #2211)
124004450	(1) -- Safety Chain Roller Kit (Intergated Unit)
124002431	(1) -- Trailer Ball Adapter (Requires # 2211)
174017093	(1) -- Converter Ball Kit (3 Trailer Balls)
124002808	(1) -- 25,000 lb Tire Lift for Factory Install on New Unit
124004417	(1) -- 20T Spreader Bar Kit
124004426	(1) -- Spreader Bar Mounting Brackets (pair)
124004413	(1) -- Folding Ladder Kit
174025093	(1) -- Deluxe Chain Package
124002697	(1) -- Endless Loop Sling Package
124004083	(1) -- Crosby Allow Screw Pin Shackle Kit
124004414	(1) -- Shackle & Accessory Hanger Kit
124004155	(1) -- 1/2" Crosby Eliminator Chain Bridle 16 ft Legs
124004156	(1) -- 1/2" Foundry Hook & Hardware (pair)
124001058	(2) -- 8 Ton Snatch Block Crosby Alloy
124001886	(2) -- 12 Ton Snatch Block Crosby Alloy
124004463	(2) -- Dual Snatch Block Holder, each (Holds 2 Snatch Blocks)
174029045	(1) -- High Hats and Accorn Nuts (Tandem Axle)
174029047	(1) -- High Hats for Lift Axle
174016150	(100) -- Black Dri Dek Mat (Each)
124002611	(1) -- Stainless 2 Door Trim Kit
124004091	(1) -- Ground Penetrating Plates (each)
124004193	(1) -- Aluminum XP Pylon
124002632	(1) -- U Bolt Lifting Attachments (pair)
124002430	(1) -- Spacer Kit- Fork Reducer- Pair
124001514	(1) -- Fork Riser (5 x 5 Crossbar) (STD on Rotators)
124004140	(1) -- Strobe Power Unit for Marker Lights (installed)
124004072	(1) -- 7035 & 9055 Aluminum Dress Up Kit- Tailboard Diamond Plate
124004139	(1) -- 48" Aluminum Saddle Tunnel Box
124002587	(1) -- Fold Down Storage for Tire Lift (#1914, 2033 & 2808)
124004092	(1) -- Hydraulic Rear Outriggers (Single Stage Extendable)

**Matheny Motor Truck Company****50 Matheny Lane****Mineral Wells, WV 26150****Contact: Michael Rauh****Telephone: (304) 485-4418 ext. 540****Fax: (304) 489-0061****January 21, 2014****Part Number****( Quantity ) + Accessory**

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**Matheny Motor Truck Company**  
**50 Matheny Lane**  
**Mineral Wells, WV 26150**

**January 21, 2014**

**Customer**

**Contact: Michael Raub**  
**Telephone: (304) 485-4418 ext. 540**  
**Fax: (304) 489-0061**

**A.G. Birrell Co**

**Contact: Bob Birrell**

**Telephone:**

**Kinsman, OH 44428**

**Fax: Number**

**Truck**

**Engine:**

**Transmission:**

**GVWR:**

**C/A - C/T:**

**Modify To:**

**PTO:**

**Source: Customer Provided**

**VIN:**

**SPEC:**

**Bed**

**Century 1060 60 Ton 3 Stage Independent Boom with 156" C/B Modular Alum Body**  
**9 Sets Forks, Spring Lift Adaptors, 8 FXN Wireless Remote w/Docking Station, 12**  
**FXN Keypad/switch panel, 2 Speed Winches, Pressure Gauges, Air/ Elec, Air Free**  
**Spools/Cable Tensioners, Pwr Door Locks/ Toolboxes, Hour Meter, Heel Plate**

**Regular**

**Miller Industries, Inc.**

**Part Number**

**( Quantity ) + Accessory**

	(16) -- Millenium Light Part# 124002646 - Clear ( Eight Per Side Equally Spaced on Body Cap)
	(1) -- UNIT TO BE INSTALLED ON CUSTOMER SUPPLIED CHASSIS PER MILLER SPEC
	(1) -- Price Includes Paint - One Color - Black Boom/Center Section
	(1) -- Chassis Information Required to Verify Build Specs Prior to Installation
124004132	(1) -- 180" Aluminum Body Option (156" body is standard)
	(1) -- Tri-Axle Body Option Aluminum Body
124002537	(1) -- Low Pull "D" Ring Kit
	(1) -- Backlit Control Station w/ XP 850
129003012	(1) -- 9055- Air/Elec PTO (Manual Transmission)
124002680	(1) -- Single Action Manual Override Kit (614- 9055)
124001979	(1) -- Tailboard Underlift Panel - Waterproof ( Left Hand Side Per Customer)
124004448	(1) -- Underlift Hookup Hella LED Light (round)
124002725	(1) -- Lower Hookup Hella Lamps (oval)
124002723	(2) -- Upper Pylon Hella Dual Bulb Lamps (rect)
124002717	(1) -- Docking Light installed (pair)
124002263	(1) -- Hella Black Swivel Flood (pair)
124004494	(1) -- Wireless Tow Light Bar- 36" Wide
124004444	(2) -- M6 Lamp Kit (pair)
124004452	(1) -- LED Flex Lamp Kit (pair, left and right side)
124002710	(1) -- Whelen 72" LED 16 Head W/L & STI
124004220	(1) -- LED Strip Light Kit- 206" CA/ 180" CB Body
124002413	(1) -- Tailboard D ring kit (std 7035/9055)
124004442	(1) -- LCD Flat Screen Color (Dual Camera System)
124002667	(1) -- Modular Aluminum 3 Drawer Storage Box
124004166	(1) -- Modular Aluminum 4 Drawer Storage Box

**Bed Subtotal: \$241,789.97**

**Truck Subtotal: \$0.00**

**This quote is valid for 30 days after January 21, 2014.**

**Subtotal: \$241,789.97**

**State Tax: \$0.00**

**Company**

**FET: \$29,014.80**

**Customer**

**Total: \$270,804.77**