



HOLMES[®]

440 HI-POWER

T.M.



440 Hi-Power wrecker shown with Sonic Lo-Side body and optional accessories.



An improved version of the most popular wrecker ever produced, the Holmes 440. Winch rating increased to 5-tons. Boom rating increased to 5-tons retracted, 1-ton fully extended.

Styled for a sleek, contemporary appearance to enhance the modern truck chassis.

The Hi-Power wrecker recovers and tows passenger cars, vans, light trucks and similar vehicles. Ideal for service stations, auto dealers, repair shops and independent towing services.

5-TON POWER WRECKER

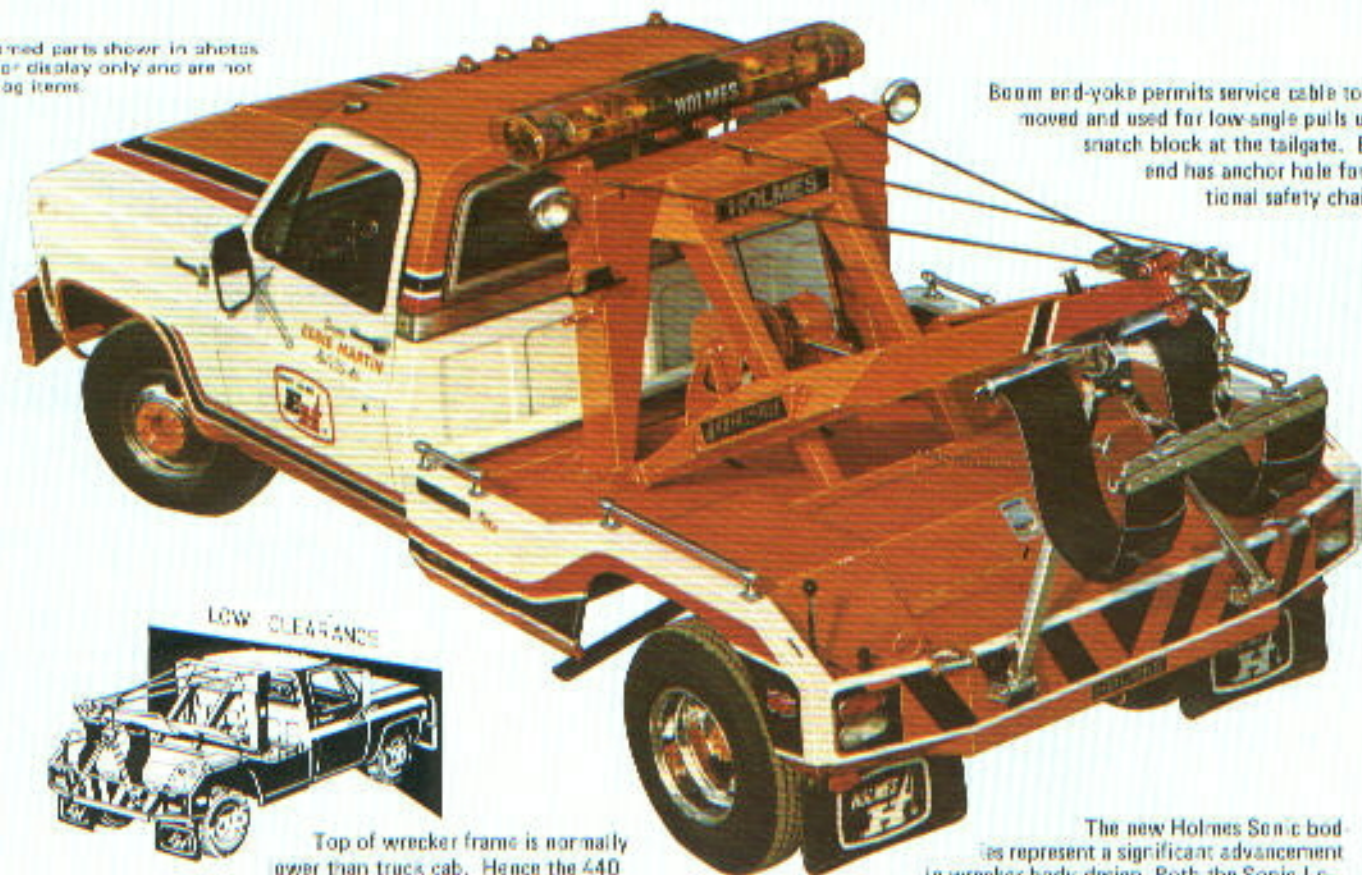
*See ratings on back sheet



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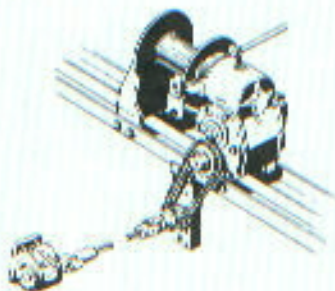
Chromed parts shown in photos are for display only and are not catalog items.



Boom end-yoke permits service cable to be removed and used for low-angle pulls using a snatch block at the tailgate. Boom end has anchor hole for optional safety chains.



Top of wrecker frame is normally lower than truck cab. Hence the 440 Hi-Power wrecker can operate in low clearance areas such as underground parking garages. (Boom must be used in a low position and beacon lights must be lowered.)



The Hi-Power is the ultimate wrecker in reliability and low maintenance. Simple, highly functional design. Powered by the truck engine via a PTO, prop shaft, sprocket and chains. The "mechanical" drive system has proven extremely efficient in over a half-century of use on Holmes wreckers.

Dual controls for service cable, one handle on each side of tailgate. Easy to reach while hooking-up towing sling. Reduces hook-up time and effort.

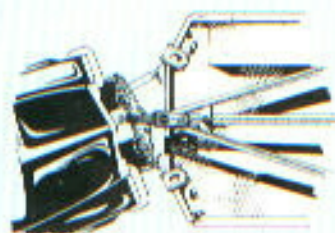


The new tailgate is formed from a single piece of steel. Although it is lighter in weight, it is actually much stronger than the previous ones. The body side panels are also more rigid than flat-sided bodies. The formed tailgate can be provided only with costly tooling and mammoth presses. It is not likely to be successfully imitated.

The Sonic bodies are available for dual-wheel trucks with CA's of 60 inches. Optional extensions for Sonic Lo-Side bodies adapt them to CA's of 72 and 84 inches. Bodies are 86 inches wide.

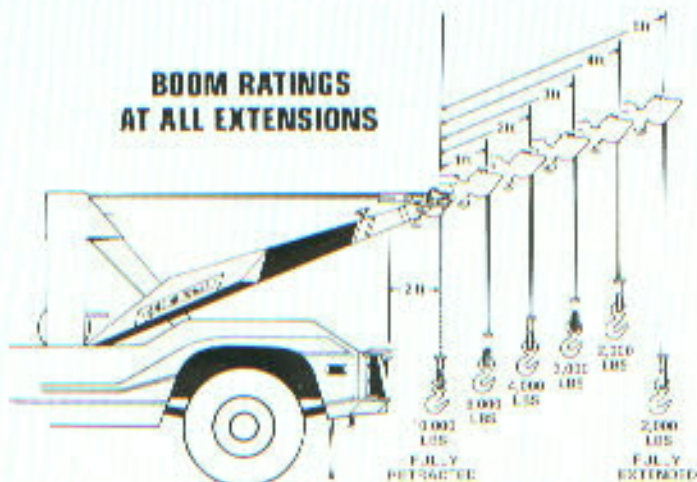


NEW! from HOLMES



The tailgates are angled, permitting sharper turns while towing. Tailgates incorporate deluxe elliptic rings of cast ductile iron for anchoring snatch blocks. Rear jacks are optional. Tail, stop and turn lights are recessed into the tailgate for added protection.

BOOM RATINGS AT ALL EXTENSIONS



The boom and support system of the 440 Hi-Power wrecker was modified to provide substantially higher ratings. Boom extends up to 7 feet past tailgate. Increases wrecker's versatility for handling freight at wreck scene, shop equipment, etc. Boom extension lock is spring-loaded. Can be set to automatically snap into one of six locking holes as boom extension is pulled out.

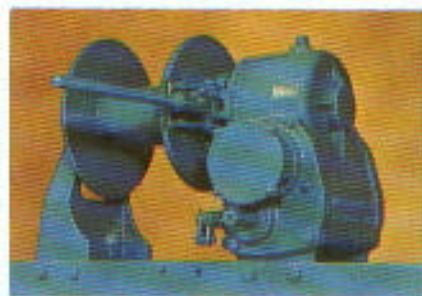


Boom is raised and lowered by manual winch enclosed in the wrecker frame. Winch shaft extends from frame and accepts handcrank. Easily operated by one man.

Boom can also be raised and lowered using power winch (while using the manual winch only to take up and let out slack in the boom support cable). Service cable is wound in until cable stop is against boom end fitting. Continued retraction of cable raises boom. Engine blocks and similar objects can be loaded onto wrecker body using this technique.

The winch used in the 440 Hi-Power wrecker appears the same as the 440 winch. However, the Hi-Power winch employs stronger materials. The winch has "power-up", "power-down" and neutral, all essential for full control of loads. Permits rapid reverse operation, a shifting from "up" to "down" and vice versa, without de-clutching the engine and without pausing between operations.

Cable drum has clutch coupling. Permits drum drive to be disengaged so cable can be pulled out by hand. An anti-backlash brake applies friction to one flange of the drum when drum is disengaged. Keeps drum from over-



running and fouling cable when pulled out by hand.

Winch can be set up for PTO and drive shaft on either left or right side of truck. Requires no extra parts, just a minor reassembly of the winch.

Holmes designs and produces its own winch for wreckers. In a value comparison between the Holmes' winch and a popular winch used by Holmes' competitors, the Holmes' winch was shown to be vastly superior.



THE WORM GEAR SET

Holmes' worm gear teeth have much larger pitch for a greater area of contact between the worm and worm wheel. This enables the Holmes worm gear set to transmit up to 2.08 TIMES MORE POWER or TWICE the line pull.



HOLDING POWER

With power off, the Holmes winch has 33% GREATER holding force in its worm gear alone, PLUS an efficient mechanical brake on the winch that automatically engages to prevent cable unwinding. Winches used on several competitor wreckers, particularly those with hydraulically powered winches, do not have this safety feature.

CLUTCHES AND CABLE DRUM

Holmes' cable drum is made of strong, durable cast ductile iron. The cable drum on winches of some competitive wreckers is cast aluminum, an inherently soft metal. The clutch surfaces, which are an integral part of the drum casting, are much larger and stronger on the Holmes drum. Failure to fully engage the clutch of the aluminum drum can cause severe damage to the clutch surface, destroying its cable holding action. Such a condition could unexpectedly release the cable and DROP THE LOAD. The clutch surfaces of the Holmes drum are abuse resistant. In fact, the entire winch will withstand far greater stress under load conditions.



DISTRIBUTED BY:

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 70 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	¾-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	½-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.



Holmes International Inc.

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ORDERING INFORMATION

CF281	440 Hi-Power wrecker. Includes hand crank, drive components, dual winch controls, cables. (Less body, PTO and optional extras.)
452-MH	86" wide Sonic Lo-Side body. For dual-wheel trucks 60" CA only. (Less optional extras.)
CP-436	Sonic Lo-Side body extension for 84" CA.
CP-558	Tool compartment. Deck-mounted. Lid is in two parts. Includes stainless steel key-locking latches.
DA-29	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.

Current model does not include fiberglass covers pictured herein.

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.

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