

HDL 1000 Series

50 ton *Plus* Independent Heavy Duty Wrecker

SPECIFICATIONS

Recovery Boom	<ul style="list-style-type: none"> Lifting Capacity as defined by SAE J2512 Retracted..... Extended (Second Stage)..... Extended (Second and Third Stage)..... Lifting Height (may vary with chassis)..... Boom Reach past Tail Section..... Boom Maximum Working Angle..... Boom Minimum Working Angle..... 	<table border="1"> <tr> <th>Standard</th> <th>Optional</th> </tr> <tr> <td>2-Stage</td> <td>3-Stage</td> </tr> <tr> <td>100,000 lbs.</td> <td>100,000 lbs.</td> </tr> <tr> <td>35,000 lbs.</td> <td>35,000 lbs.</td> </tr> <tr> <td>N/A</td> <td>24,000 lbs.</td> </tr> <tr> <td>372"</td> <td>462"</td> </tr> <tr> <td>175"</td> <td>291"</td> </tr> <tr> <td>50°</td> <td>50°</td> </tr> <tr> <td>1/2°</td> <td>1/2°</td> </tr> </table>	Standard	Optional	2-Stage	3-Stage	100,000 lbs.	100,000 lbs.	35,000 lbs.	35,000 lbs.	N/A	24,000 lbs.	372"	462"	175"	291"	50°	50°	1/2°	1/2°	<ul style="list-style-type: none"> Hydraulic Valve with Variable Flow Control..... System Pressure..... Suction Cut-Off Valves..... Tandem, Gear Driven Pump - System Overload Protection..... Oil Level Gauge..... Hydraulic System Filtration, Suction & Return Lines..... Dual Hydraulic Pressure Gauges - Passenger Side..... 	<ul style="list-style-type: none"> Remote Pendant Plug-In Controls All Underlift Functions..... Switch Panel-Nine Circuit..... PTO/Dual Pump combination with Power Shift (if applicable)..... Manual Controls- Fully Proportional- Passenger Side..... 																		
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Three Stage Independent Underlift	<ul style="list-style-type: none"> Lifting Capacity as defined by SAE J2512 Retracted..... Extended..... Power Tilt- Positive Up..... Power Tilt- Negative Down..... Hydraulic Extension..... Reach (Maximum)- \bar{C} Rearmost Axle to Forks \bar{C}..... Five Sets Underlift Forks / Tools..... Hydraulic Fold For Storage..... Tie-Down Chains..... 	<table border="1"> <tr> <th>Standard</th> <th>Optional</th> <th>Optional</th> </tr> <tr> <td>/350</td> <td>/550</td> <td>/565 Coach Boom</td> </tr> <tr> <td>55,000 lbs.</td> <td>35,000 lbs.</td> <td>56,500 lbs.</td> </tr> <tr> <td>18,000 lbs.</td> <td>16,000 lbs.</td> <td>17,600 lbs.</td> </tr> <tr> <td>30°</td> <td>30°</td> <td>30°</td> </tr> <tr> <td>10°</td> <td>10°</td> <td>10°</td> </tr> <tr> <td>70"</td> <td>65"</td> <td>100.4"</td> </tr> <tr> <td>181"</td> <td>163"</td> <td>216"</td> </tr> <tr> <td>STD</td> <td>STD</td> <td>STD</td> </tr> <tr> <td>STD</td> <td>STD</td> <td>STD</td> </tr> <tr> <td>STD</td> <td>STD</td> <td>STD</td> </tr> <tr> <td>STD</td> <td>STD</td> <td>STD</td> </tr> </table>	Standard	Optional	Optional	/350	/550	/565 Coach Boom	55,000 lbs.	35,000 lbs.	56,500 lbs.	18,000 lbs.	16,000 lbs.	17,600 lbs.	30°	30°	30°	10°	10°	10°	70"	65"	100.4"	181"	163"	216"	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	<ul style="list-style-type: none"> Aluminum Sub-Structure with Composite Panel..... Independently Rubber Shock Mounted..... Built-In Tool Storage and Chain Racks..... Eight Recovery Anchors, Each Side..... Forward Tool Compartments with Inside Tool Brackets..... Stainless Steel Paddle Latches, Door Hinges and Door Tensioners..... Three Horizontal Compartments per Side and Two Vertical Stand Alone Compartments (170" CT base body)..... 	<ul style="list-style-type: none"> Recessed Glad Hand Connections..... Recessed Seven Pin Electrical Connector..... Alloy Steel Safety Chains w/Storage Pockets..... Mud Flaps..... Back-Up Alarm..... Fully Hydraulic (combination Stabilizers/Spades).....
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Lighting	<ul style="list-style-type: none"> Control Station Illumination..... Federal Standard 108 Lighting..... 	<ul style="list-style-type: none"> STD STD 	<ul style="list-style-type: none"> Other 	<ul style="list-style-type: none"> Other 																																				
Dual Winch	<ul style="list-style-type: none"> DP 2 Speed Planetary - 50,000 lbs Capacity - Includes 6 x 37 EIPS, IWRC, 3/4" dia. x 250" Air Release Free Wheel..... Power Cable Tensioner..... 	<ul style="list-style-type: none"> STD STD STD 	<ul style="list-style-type: none"> Rear Spades 	<ul style="list-style-type: none"> Other 																																				

OPTIONAL EQUIPMENT

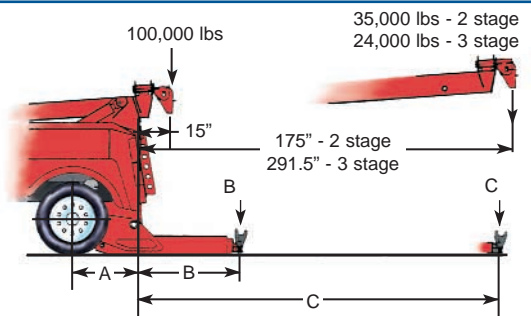
Body	<ul style="list-style-type: none"> Aerodynamic Light Pylon 24 1/4" Tunnel Toolbox 24 1/4" Stand Alone Tool Compartment 24 1/4" 3/4- Height Tunnel or Stand Alone Toolbox 49" Tunnel Toolbox 49" Tunnel Toolbox with External Pull-Out Drawer 49" Tunnel Toolbox with Internal Pull Out Drawer 49" Stand Alone Tool Compartment Paint - Various Options 	<ul style="list-style-type: none"> Winches, Cable & Equipment 	<ul style="list-style-type: none"> Ramsey Single Speed Planetary - 50,000 lbs Capacity - Includes 6 x 37 EIPS, IWRC, 3/4" dia. x 250" DP Single Speed Planetary - 35,000 lbs Capacity - Includes 6 x 37 EIPS, IWRC, 5/8" dia. x 250" Ramsey Single Speed Planetary - 25,000 lbs Capacity - Includes 6 x 37 EIPS, IWRC, 5/8" dia. x 200" Ramsey Single Speed Worm - 25,000 lbs Capacity - Includes 6 x 37 EIPS, IWRC, 5/8" dia. x 200" 	<p><i>NOTE: Air Release Free Wheel & Power Cable Tensioners Included on All Winch Options</i></p>
Lighting	<ul style="list-style-type: none"> Tool Compartment Lighting (in addition to control station lighting) Wrecker Special Light Package Upper Work Lights Upper & Lower Hookup Lights Deluxe Work Lights Emergency Light Package Beacon Wing Lights On Light Pylon Strobe Light Kit 	<ul style="list-style-type: none"> Controls 	<ul style="list-style-type: none"> Emergency Cut-Off with Controller (Radio Controls Only) Radio Controls <i>Driver Side Controls</i> <i>Optional with This Feature</i> 18 Function Proportional Wireless Remote 14 Function Non-Proportional Wireless Remote In Cab Underlift Controls (Not Available With Radio Controls) Drivers Side Manual Controls 	
Underlift	<ul style="list-style-type: none"> Drag Winch, Underlift Mount, Single Speed Planetary, 35,000 lbs. Capacity Various Cable Options for Drag Winch Bus/Motor Home Wheel Lift Grid w/Tie-down Straps 5th Wheel/Pintle Hook w/Trailer Ball Adapter (Ball Diameter 2" or 2 5/16" or 50mm- 10,000 lb. Capacity) 	<ul style="list-style-type: none"> Other 	<ul style="list-style-type: none"> Hydraulic Generator Kit Extend A Light Kit Video Camera Kit Snatch Blocks On Board Scales Chain Forks Custom Forks & Adapters 	

RECOMMENDED CHASSIS REQUIREMENTS

Chassis	<ul style="list-style-type: none"> Minimum GVW rating..... 64,000 lbs./ Recommended..... 80,000 lbs. Minimum CT for Base Body..... 174"/ Recommended..... 224" RBM Each Frame Rail..... 4,200,000 in.-lb. Maximum Unloaded Frame Height..... 42" 	<ul style="list-style-type: none"> Minimum Front GAWR..... 18,000 - 20,000 lbs. Minimum Rear (Tandem) GAWR..... 46,000 lbs. Minimum Third Axle GAWR..... 12,000lbs.
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UNDERLIFT SPECIFICATIONS

	INCHES	WEIGHT
A. Center of Rearmost Axle to Tailboard.....	39"	
B. Tailboard to Center of Fork - Fully Retracted		
/350.....	46"	35,000 lbs
/550.....	59"	55,000 lbs
/565Coach Boom.....	62"	56,500 lbs
C. Tailboard to Center of Fork - Fully Extended		
/350.....	124"	16,000 lbs
/550.....	142"	18,000 lbs
/565Coach Boom.....	177"	17,600 lbs.
**Tow Rating.....		80,000 lbs



**The Tow Rating of your Recovery Equipment is limited to the actual GVWR (Gross Vehicle Weight), Rating of your Recovery Vehicle, or the Capacity of the Equipment used. For Example, the GVWR of your Recovery Vehicle should not be exceeded by the GCW (Gross Combined Weight) of both Towing and Towed Vehicles. This is the Actual Weight of the Towing Vehicle plus the Towed Vehicle(s) including: payload, driver, passenger(s), and fuel. (Everything that moves with your recovery vehicle). However, if the towed vehicle has independent braking activated from the towing vehicle, the the combined weight towed, will be the weight of the towing vehicle plus the lifted weight of the towed vehicle, which combined should not exceed the GVWR, or the GAWR of the rear axle of the towing vehicle, or the capacity of the equipment used.

Important Notice: All outside Frame Rails extending behind the cab of the chassis must be free of all Air Tanks, Battery Boxes, Fuel Tanks, Etc. All ratings comply with SAE J2512 Recommended Practice

Patents: 5,782,596 & 5,839,775 and Other Patents Pending

The load-carrying capacity of any truck is determined by the GVWR of the cab chassis. It is important that you determine that your truck has satisfactory carrying capacity and axle ratings for your specific application. Jerr-Dan's® authorized sales representatives are available to assist you in this regard. Specifications subject to change without prior notification. Some equipment shown may be optional.



HDL 1000 Series 50 ton *Plus* Independent Heavy Duty Wrecker



JERR-DAN®

TOWING & RECOVERY TECHNOLOGIES



Some Equipment Shown May Be Optional



Lightweight, Corrosion-Proof,
Bonded Composite &
Aluminum Body



Fabricated Hi-Tensile Steel Recovery Boom
Available in Both 2 and 3 Stage Configurations



Optional Underlift Mounted Planetary Drag
Winch Complete With 360° Swivel Cable Guide