

HDL 500/280

25 ton Integrated Heavy Duty Wrecker

SPECIFICATIONS

Wrecker Boom	<ul style="list-style-type: none"> Fully Hydraulic Recovery Boom STD Lifting Capacity as Defined by SAE J2512 <ul style="list-style-type: none"> Retracted 50,000 lb. Extended 16,000 lb. Lifting height at 40 degrees (may vary with chassis) 234" Boom Reach past Tail Section 114" Boom Maximum Working Angle 40° Boom Minimum working Angle 3° Wire Rope/Cable Boom Paint Protectors STD 	<ul style="list-style-type: none"> Rear Spades <ul style="list-style-type: none"> Fully Hydraulic with Recovery Anchors STD Integral Folding Spades STD Hydraulic System <ul style="list-style-type: none"> Hydraulic Valve with Variable Flow Control STD System Pressure 3,000 psi Tandem, Gear Driven Pump STD Reservoir with Internal Screens, Sight Gauge, Fluid Cut-Offs and Clean Out Provisions STD System overload protection STD
	<ul style="list-style-type: none"> Lifting Capacity as Defined by SAE J2512 <ul style="list-style-type: none"> Retracted 28,000 lb. Extended 14,000 lb. Precision Power Tilt & Fold STD <ul style="list-style-type: none"> Power Tilt -Positive Up 30° Power Tilt-Negative Down 10° Hydraulic Extension 57.5" Reach (Maximum)- \bar{C} Rearmost Axle to Forks \bar{C} 157.5" Fives Sets Underlift Forks/Tools STD One Set Spring Lift Attachments STD Tie Down Chains STD 	<ul style="list-style-type: none"> Controls <ul style="list-style-type: none"> Remote Pendant Plug-In Controls All Underlift Functions STD Switch Panel-Nine Circuit STD PTO/Dual Pump combination with Power Shift (if applicable) STD Manual Controls- Fully Proportional- Both Sides STD Modular Composite Body <ul style="list-style-type: none"> Aluminum Sub-Structure with Composite Panel STD Independently Rubber Shock Mounted STD Built-In Tool Storage and chain Racks STD Eight Recovery Anchors, Each Side STD Forward Tool Compartments with Inside Tool Brackets STD Stainless Steel Paddle Latches STD One Vertical Compartment, Two Horizontal Compartments per side (Single Axle Body) 112" CA Door Tensioners STD
Dual Winch	<ul style="list-style-type: none"> Cable Tensioners STD Dual Worm Gear Winch (capacity each winch) 25,000 lb. Airshift Freewheel STD Cable/Wire Rope- 6x37 Steel; IWRC 5/8" Dia. x 200' 	<ul style="list-style-type: none"> Other <ul style="list-style-type: none"> Recessed Glad Hand Connections STD Recessed Seven Pin Electrical Connector STD Alloy Steel Safety Chains w/Storage Pockets STD Mud Flaps STD Dual Hydraulic Pressure Gauges (passenger side) STD Back-up Alarm STD
Lighting	<ul style="list-style-type: none"> Control Station Illumination STD Federal Standard 108 Lighting STD Aerodynamic Light Pylon STD 	

OPTIONAL EQUIPMENT

Body	<ul style="list-style-type: none"> 86" CT Body (in Lieu of 112" CA Body) 146" CT Body (in Lieu of 112" CA Body) Tandem Axle Only 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 Draw 49" Tunnel Toolbox with Internal Pull Out Draw 49" Stand Alone Tool Compartment Tray for 49" Tool Compartment Paint, Various Options Tandem Body Options 	<ul style="list-style-type: none"> Underlift <ul style="list-style-type: none"> Custom Forks & Adapters to Your Specifications Fifth Wheel Adapter Pintle Hook w/Trailer Ball Adapter (Ball Diameter 2" or 2 5/16" or 50mm-10,000 lb. Capacity) <i>Requires Fifth Wheel attachment to Operate</i> Heavy Duty Tire Lift Attachment, 14,000 lbs. Cap. Chain Forks
	<ul style="list-style-type: none"> Tool Compartment Lighting Upper & Lower Hookup Lights Deluxe Work Lights Wing Lights Upper Work Lights 	<ul style="list-style-type: none"> Winch Controls <ul style="list-style-type: none"> Emergency Cut-Off with Controller (Radio Controls Only) 12 Function Non-Proportional Wireless Remote In Cab Underlift Controls Other <ul style="list-style-type: none"> Video Camera Kit Winch Mirrors Hydraulic Generator Kit Extend-A-Light Strobe Light Kit Snatch Blocks On Board Scales Opt "Plus Six" Hydraulic Boom Ext.
Lighting		

RECOMMENDED CHASSIS REQUIREMENTS

Chassis	Single Axle		Tandem Axle	
	Minimum GVW rating	Minimum Cab-to-Axle/Tandem, (CA/CT)	Minimum Front GAWR	Minimum Rear (Tandem) GAWR
	33,000 lbs.	116"	10,000 lbs.	23,000 lbs.
	1,500,000 in.-lb.	1,500,000 in.-lb.	12,000 lbs.	38,000 lbs.
			42.5"	42"
			2,250,000 in.-lb.	42"

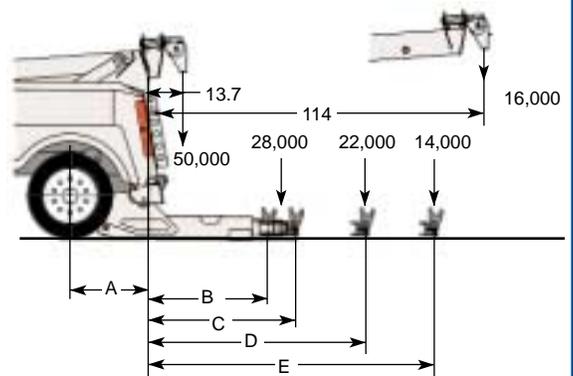
UNDERLIFT SPECIFICATIONS

	INCHES	WEIGHT
A. Center-line of Rear Axle to Tailboard	39"	
B. Tailboard to Center-line of Fork	49"	28,000 lbs.
C. Tailboard to Center-line of Fork	61"	28,000 lbs.
D. Tailboard to Center-line of Fork	89"	22,000 lbs.
E. Tailboard to Center-line of Fork	118.5"	14,000 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. 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 load, driver, passenger(s), and fuel. (Everything that moves with your equipment)

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.

JERR-DAN
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JERR-DAN[®]
TOWING & RECOVERY TECHNOLOGIES

HDL 500/280 *25 ton Integrated* *Heavy Duty Wrecker*



Built In Either Single or Tandem
Rear Axle Configurations

Some Equipment Shown May Be Optional



Lightweight, Corrosion-Proof,
Bonded Composite &
Aluminum Body



Fabricated Hi-Tensile
Steel Recovery Boom



Independent Operated Three
Stage Underlift

HDL 500/280

25 ton Integrated Heavy Duty Wrecker

HIGH PERFORMANCE



Nine Function Switch Panel Mounted Inside Cab Door for Easy Access



Minimum CT = 138"
Minimum CA = 116"



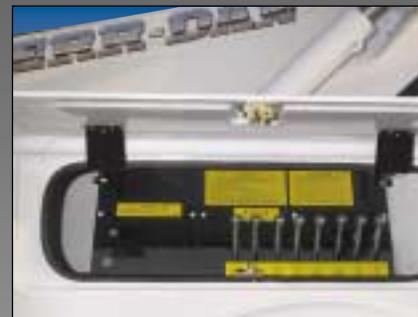
Double Wide Tunnel Tool Box



Lighted Tool Compartments with Dedicated Sockets



Automotive Style Electrical Panel



Lighted Dual-Side Controls

ANCE AND VERSATILITY

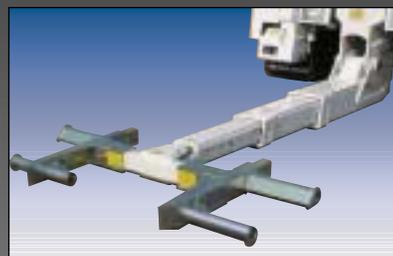


Full Hydraulic Independently Operated Rear Stabilizers Include Recovery Anchors

39"



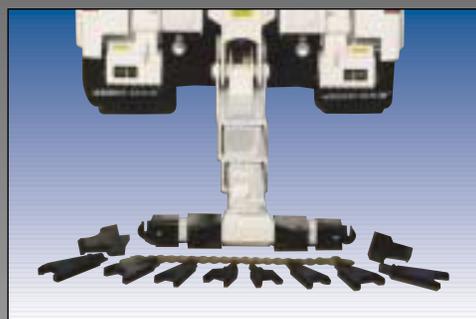
Pintle Hook and Fifth Wheel Attachments



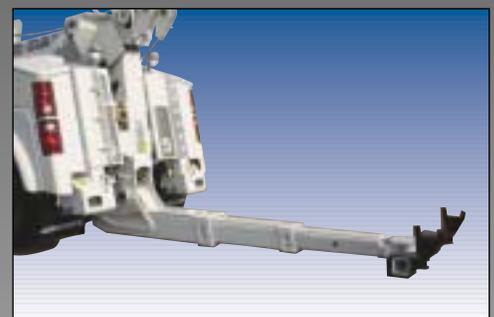
Adjustable Bus Arm Grids Quickly Attach for Wheel Lifting



Boom Mounted Chain Storage Pockets & Recessed Auxiliary Hook-ups



Full - Tool Array



Industry's Longest Reach Underlift