



### LOAD CHART

360° operational load chart

### TORSION FRAME

10,000,000 RBM

### SCISSOR-STYLE OUTRIGGERS

S-100: 191 in. spread  
S-130: 220 in. spread

## SPECIFICATIONS

### MAXIMUM STABILITY FOR MAXIMUM PERFORMANCE.

The strength and stability of the JD50/60 (HDR1000) comes from the industry-leading scissor-style outriggers and unique torsion frame design.

BECAUSE THE  
WORK **DEMANDS** IT.

Want a truck that works as hard as you do?

Visit our website at [Jerrdan.com](http://Jerrdan.com) to find your nearest distributor.

### RECOVERY BOOM

#### 3-STAGE

Maximum Boom Length	41 ft.
Maximum Boom Angle	60°
Retracted Capacity @ 30°	100,000 lbs.
Extended Capacity @ 30°	20,000 lbs.
Side Capacity Extended @ 0° (S100 Outriggers)	10,300 lbs.
Side Capacity Extended @ 30° (S100 Outriggers)	12,100 lbs.
Side Capacity Extended @ 0° (S130 Outriggers)	13,100 lbs.
Side Capacity Extended @ 30° (S130 Outriggers)	15,600 lbs.
Hook Height @ 0°	83 in.
Hook Height @ 30° Retracted	201 in.
Hook Height @ 30° Extended	332 in.
Hook Height @ 60° Retracted	287 in.
Hook Height @ 60° Extended	513 in.
Hook Height Auxiliary Winch @ 0°	73 in.
Hook Height Auxiliary Winch @ 30°	173 in.
Hook Height Auxiliary Winch @ 60°	250 in.
<b>REACH PAST TAILBOARD</b>	
Extended @ 0°	283 in.
Extended @ 30°	216 in.
Extended @ 60°	33 in.
<b>REACH FROM SIDE OF BODY</b>	
Retracted @ 0°	175 in.
Extended @ 0°	437 in.
Retracted @ 30°	143 in.
Extended @ 30°	369 in.

# ROTATOR

## JD50/60 (HDR1000)

### SPECIFICATIONS

#### RECOVERY BOOM

##### 3-STAGE

##### REACH FROM SIDE OF BODY

Retracted @ 60°	56 in.
Extended @ 60°	187 in.

#### WINCH & WIRE ROPE OPTIONS

50,000 lbs. 2-Speed Planetary Winch	3/4 X 250 - 6 X 36 EEIPS - IWRC WLL 18,500 lbs. w/ Locking Swivel Hook
35,000 lbs. 2-Speed Planetary Winch	5/8 X 250 - 6 X 37 EEIPS - IWRC WLL 12,900 lbs. w/ Locking Swivel Hook
20,000 lbs. Planetary Winch	9/16 X 135 - 6 X 36 EEIPS - IWRC WLL 10,500 lbs. w/ Locking Swivel Hook
Drag Winch Options	20,000 lbs., 35,000 lbs., 50,000 lbs.

#### UNDERLIFT BOOM

Centerline of Rear Axle to Tailboard	67 in.
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##### 350X

Rated Capacity - Retracted	35,000 lbs.
Rated Capacity - Extended	16,000 lbs.
Tow Capacity	80,000 lbs.
Reach Past Tailboard - Retracted with Forks at Ground Level	75 in.
Reach Past Tailboard - Extended with Forks at Ground Level	152 in.
Positive Tilt	10°
Negative Tilt	20°

##### 350

Rated Capacity - Retracted	35,000 lbs.
Rated Capacity - Extended	16,000 lbs.
Tow Capacity	80,000 lbs.
Reach Past Tailboard - Retracted with Forks at Ground Level	68 in.
Reach Past Tailboard - Extended with Forks at Ground Level	134 in.
Positive Tilt	10°
Negative Tilt	20°

##### 530

Rated Capacity - Retracted	53,000 lbs.
Rated Capacity - Extended	17,000 lbs.
Tow Capacity	80,000 lbs.
Reach Past Tailboard - Retracted with Forks at Ground Level	77 in.
Reach Past Tailboard - Extended with Forks at Ground Level	147 in.
Positive Tilt	9°
Negative Tilt	21°

# ROTATOR

## JD50/60 (HDR1000)

### SPECIFICATIONS

#### UNDERLIFT BOOM

##### 565

Rated Capacity - Retracted	56,500 lbs.
Rated Capacity - Extended	17,600 lbs.
Tow Capacity	80,000 lbs.
Reach Past Tailboard - Retracted with Forks at Ground Level	92 in.
Reach Past Tailboard - Extended with Forks at Ground Level	186 in.
Positive Tilt	9°
Negative Tilt	21°

##### 565 (4-STAGE)

Rated Capacity - Retracted	56,500 lbs.
Rated Capacity - Extended	17,600 lbs.
Tow Capacity	80,000 lbs.
Reach Past Tailboard - Retracted with Forks at Ground Level	83 in.
Reach Past Tailboard - Extended with Forks at Ground Level	184 in.
Positive Tilt	9°
Negative Tilt	21°

#### OUTRIGGER (SCISSOR)

##### S100

Footprint	191 in.
Ground Penetration	15 in.

##### S130

Footprint	220 in.
Ground Penetration	18 in.

#### CHASSIS RECOMMENDATION

Minimum RBM Per Rail	4,200,000 in.-lbs.
Minimum Front Axle Rating	22,000 lbs.
Minimum Rear Axle Rating	52,000 lbs.
Minimum Required Steerable Lift Axle or Second Steer Axle Rating	20,000 lbs.
Minimum GVWR	86,000 lbs.
Minimum Body Useable Cab-to-Tandem, CT	215 in.

# ROTATOR

## JD50/60 (HDR1000)

FEATURES	STANDARD	OPTIONAL
<b>CONTROLS</b>		
Passenger Side Manual Controls & Hydraulic Gauge	•	
Driver Side Controls & Hydraulic Gauge	•	
Color Coded Winch Control Handles, Sheave Guides & Hooks		•
Electric/Air 2-Position Boom House Lock (Over the Front OR Over the Rear)	•	
360 degree Continuous Rotation Hydraulic/Electrical Swivel	•	
Hydraulic Tank with Fluid Level Sight Gauge and Return Filter w/ Life Indicator	•	
Non-proportional Underlift Remote	•	
Proportional Boom/Winch Remote	•	
Touchlink In-Cab Underlift Controls	•	
<b>BODY</b>		
Structural Polypropylene Copolymer Body	•	
Anti-Skid Diamond Plate Walking Surface	•	
Painted Roll-Up Doors w/ Satin Finish Door Frames	•	
Forward Facing Diamond Plate on Tunnel Box		•
Painted Door Frames		•
Twin Steer Chassis & Body Configurations		•
Storage Solutions for Tools & Equipment		•
<b>LIGHTING &amp; ELECTRICAL</b>		
Integrated Electronic Distribution System	•	
Touchlink Control System for Lighting and Winches w/ Integrated E-Stop	•	
Interior Tool Box Lighting (LED)	•	
Clear Body Marker Lights (LED)	•	
Lighted Steps & Grab Handles (LED)	•	
Upper Hook-Up Lights (LED)	•	
Lower Hook-Up Lights (LED)	•	
Upper Work Lights - Pylon Mounted (LED)	•	
Underlift Hook-Up Light (LED)	•	
Underboom Scene Light (LED)	•	
Outrigger Scene Lights (LED)	•	
Hood Mounted Flashers		•
Grille Mounted Flashers		•
Body Mounted Flashers		•
Main Light Bar		•
Wing Light Bar		•
<b>STORAGE SOLUTION &amp; RIGGING PACKAGES AVAILABLE</b>		
More details available at <a href="http://JERRDAN.COM">JERRDAN.COM</a>		

FEATURES	STANDARD	OPTIONAL
<b>BOOMS, UNDERLIFT &amp; WINCHES</b>		
3-Stage Recovery Boom	•	
Boom Mounted D-Rings	•	
Hydraulic Rear Spades w/ Flip Down Spade Foot	•	
350 or 350X Underlift	•	
530 Underlift		•
565 (3 or 4 Stage) Underlift		•
5 in. Crossbar Pivot Pin	•	
Integrated Safety Chain Storage	•	
Dual Planetary 2-Speed Winches	•	
Dual Planetary Single Speed Boom Mounted Auxiliary Winches		•
Single Planetary 2-Speed Underlift Drag Winch		•
Air Free Spool w/ Adjustable Rope Tensioner	•	
<b>OUTRIGGERS &amp; PLATFORM</b>		
360° Operational Load Chart	•	
10,000,000 RBM High Strength Steel Torsion Frame	•	
Rear Spades w/ Flip Down Spade Feet & Locking Pins	•	
S100 or S130 Outrigger w/ D-rings & Pivoting Spade Foot w/ Locking Pins	•	
18 in., 24 in. or 30 in. Rubber or Composite Outrigger Pads		•
<b>TOWING ACCESSORIES</b>		
7-Way Trailer Plug	•	
Recessed Glad Hands	•	
Service Air Quick Connect	•	
5 Sets of Lifting Forks	•	
Chain End Caps	•	
Backup Camera	•	
Rear Facing Underlift Camera		•
High Rise Fork Receivers		•
Bus Arms/Tire Lifts		•
5th Wheel Attachment		•
Pintle Hitch Attachment		•
Rigging Kits		•

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