JERR-DAN®
An Oshkosh Corporation Business

JD50/60 ROTATOR



KEY FEATURES

- **BOOM:**
  120,000-lb retracted capacity 3-stage wrecker boom.
- **UNDERLIFT:**
  500 series underlift options - low profile 500LP 3-stage 50,000-lb retracted capacity with 148-in of reach, 530 3-stage 53,000-lb retracted capacity with 147-in of reach, 565 3-stage 56,500-lb retracted capacity with 186-in of reach, and 565 4-stage 56,500-lb retracted capacity with 184-in of reach.
- **BODY:**
  Built with a polypropylene copolymer material that is high-impact resistant and corrosion-free.

3-STAGE RECOVERY BOOM	
Maximum Boom Length	41-ft
Maximum Boom Angle	60°
Retracted Capacity @ 30°	100,000-lb
Extended Capacity @ 30°	20,000-lb
Retracted Capacity @ 60°	120,000-lb
Side Capacity Extended @ 0° (S130 Outriggers)	13,100-lb
Side Capacity Extended @ 30° (S130 Outriggers)	15,600-lb
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
REACH PAST TAILBOARD	
Extended @ 0°	283-in
Extended @ 30°	216-in
Extended @ 60°	33-in
REACH FROM SIDE OF BODY	
Retracted @ 0°	175-in
Extended @ 0°	437-in
Retracted @ 30°	143-in
Extended @ 30°	369-in
Retracted @ 60°	56-in
Extended @ 60°	187-in

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WINCHES & WIRE ROPE	
50,000-lb 2-Speed Main Boom Plantary Winch	3/4-in x 250-ft - 6 x 36 EEIPS - (IWRC WLL 18,500-lb) w/ Locking Swivel Hook
20,000-lb Auxilary Planetary Winch	9/16-in x 135-ft - 6 x 36 EEIPS - (IWRC WLL 10,500-lb) w/ Locking Swivel Hook
50,000-lb 2-Speed Drag Winch	3/4-in x 250-ft - 6 x 36 EEIPS - (IWRC WLL 18,500-lb) w/ Locking Swivel Hook
UNDERLIFT BOOM	
Centerline of Tandem Axle to Tailboard	67-in
500LP	
Rated Capacity- Retracted	50,000-lb
Rated Capacity- Extended	17,000-lb
Tow Capacity	80,000-lb
Reach Past Tailboard - Retracted with Forks at Ground Level	76-in
Reach Past Tailboard - Extended with Forks at Ground Level	148-in
Positive Tilt	10°
Negative Tilt	20°
530	
Rated Capacity- Retracted	53,000-lb
Rated Capacity- Extended	17,000-lb
Tow Capacity	80,000-lb
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°
565	
Rated Capacity- Retracted	56,500-lb
Rated Capacity- Extended	17,600-lb
Tow Capacity	80,000-lb
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-lb
Rated Capacity- Extended	17,600-lb
Tow Capacity	80,000-lb
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°
OUTRIGGERS	
S130	
Performance Range Footprint	220-in
Max Ground Penetration	18-in
CHASSIS RECOMMENDATION	
Minimum RBM Per Rail	4,200,000 RBM (Per Rail)
Minimum Front Axle Rating (Single Steer)	22,000-lb
Minimum Front & Second Steer Axle Rating (Twin Steer)	20,000-lb
Minimum Rear Axle Rating	52,000-lb
Minimum Required Steerable Lift Axle	20,000-lb
Minimum GVWR	86,000-lb
Minimum Body Useable Cab-to-Tandem,CT (Single Steer)	255-in or 267-in
Minimum Body Useable Cab-to-Tandem,CT (Twin Steer)	255-in or 274-in
Frame Height	42-in - 45-in
Ride Height	10-in
Minimum After Frame Length	70-in

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FEATURES	STANDARD	OPTIONAL
CONTROLS		
Passenger Side Manual Controls & Hydraulic Gauge	•	
Driver Side Controls & Hydraulic Gauge	•	
Non-Proportional Underlift Remote	•	
Proportional Boom/Winch Remote	•	
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 Oil Cooler	•	
Hydraulic Oil Heater		•
Hydraulic Tank with Fluid Level Sight Gauge and Return Filter w/ Life Indicator	•	
Touchlink In-Cab Underlift Controls	•	
BOOM, UNDERLIFT & WINCHES		
3-Stage Recovery Boom	•	
Boom Mounted D-Rings	•	
Hydraulic Rear Spades w/ Flip Down Spade Foot	•	
500LP (3 Stage) Low Profile Underlift	•	
530 Underlift		•
565 (3 or 4 Stage) Underlift		•
Boom Angle Indicator (0° to 60°)	•	
5-in Crossbar Pivot Pin	•	
Integrated Safety Chain Storage	•	
50K Dual Planetary 2-Speed Boom Winches	•	
20K Dual Planetary Auxilary Winches		•
50K Single Planetary 2-Speed Underlift Drag Winch	•	
Boom & Pylon Dress up Kit (Stainless Steel)		•
Air Free Spool w/ Adjustable Rope Tensioner	•	

FEATURES	STANDARD	OPTIONAL
BODY & TUNNEL		
Structural Polypropylene Copolymer Body	•	
Anti-Skid Diamond Plate Walking Surface	•	
Battery Relocation Located in Top of Tunnel Box		•
Painted Roll-Up Doors & Door Frames	•	
Forwared Facing Diamond Plate on Tunnel Box		•
Stainless Steel Rub Rail Trim	•	
Twin Steer Chassis & Body Configurations		•
Storage Solutions for Tools & Equipment		•
OUTRIGGERS & PLATFORM		
360° Operational Load Chart	•	
10,000,0000 RBM High Strength Steel Torsion Frame	•	
Rear Spades w/ Flip Down Spade Feet & Locking Pins	•	
S130 Outriggers w/ D-Rings & Pivoting Spade Foot w/ Locking Pins	•	
Level Indicators for Setting Platform	•	
24-in Compsite Outrigger Pads		•
LIGHTING & ELECTRICAL		
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 (WHELEN)		•
Grille Mounted Flashers (WHELEN)		•
Body Mounted Flashers (WHELEN)		•
Main Light Bar 72-in Whelen		•
Wing Light Bar- 22-in Whelen		•

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TOWING ACCESSORIES		
7-Way Trailer Plug	•	
Recessed Glad Hands	•	
Service Air Quick Connect	•	
9 Set of Frame Forks (Standard When an Underlift Option is Selected)	•	
Chain End Caps	•	
Backup Camera	•	
Rear Facing Underlift Camera		•
High Rise Fork Receivers		•
25K Bus Arms/Tire Lift (Availability Varies Based on Body Configuration)		•
5th Wheel Attachment (Availability Varies Based on Body Configuration)		•
Pintle Hitch Attachment (Availability Varies Based on Body Configuration)		•
Rigging Kits		•
STORAGE SOLUTION & RIGGING PACKAGES AVAILABLE		
Gold Storage Only		•
Jerr-Dan 42K Spreader Bar with Mounting Brackets & Sling Kit		•
Telescopic Ladder		•
Loop Sling Kit (Level 2)		•
Heavy Duty Chain Kit (Level 2)		•
Heavy Duty Shackle Kit (Level 2)		•
Snatch Block Package Kit (2 - 8T) (2 - 12T) 4 Total		•

