

# 60-TON HEAVY-DUTY ROTATOR

TURNING THE TOWING INDUSTRY 360°

## Recommended chassis requirements

Minimum GVWR	86,000 lbs.
Minimum Useable CB/CT	
Chassis	144.00"
Chassis with Jerr-Dan Carrier Frame	240.00"
Minimum R.B.M. (Each Rail)	4,200,000 in. lbs.
Minimum Front Axle (FGAWR)	20,000 lbs.
Front Suspension	23,000 lbs.
Minimum Rear Axle (RGAWR)	46,000 lbs.
(Special Rear Suspension Requirement - Contact Jerr-Dan)	
Minimum Third (Auxiliary) Axle	20,000 lbs.
(Special Mounting Requirement Contact Jerr-Dan)	
Patents 5,782,596 & 5,839,775 and other Patents Pending.	



# THE 60-TON, HEAVY-DUTY, PICK-UP-ANYTHING **POWERHOUSE**

**SUPERIOR  
DESIGN**  
THE TOUGHEST MATERIALS

## **BEST IN CLASS:**

**Lift, Reach, Stability, Rotation, Recovery**

**WE SET OUT WITH A LOFTY GOAL**—develop the ultimate wrecker. After challenges, triumphs, sweat and exhaustion, the goal has been achieved. Jerr-Dan is proud to introduce the 60-Ton Heavy-Duty Rotator—a combination of heavy-duty capabilities, incredible rotation, unsurpassed pulling capacity, and superior design.

### **THIS MUSCLE-BOUND BEAST**

has a tip load rating of 18,400 lbs. Far more than the leading competitor.

No matter what the situation, extreme stability is provided by the widest double outrigger spread in the industry—112" x 264". Setup on uneven terrain is easy with 26 inches of ground penetration. A unique scissors-style stabilizer design keeps loads closer to the ground and body when lifting over the outrigger's extended beams.

Reach more during a recovery. Get into position easier. Thanks to a working radius of nearly 42 feet. The leading competitor tops out at 34.

Jerr-Dan chooses to use the highest rated high-strength steel in a rotator application. Typically used in cranes, this steel offers the best weight-to-structural-performance factor. And a full 44 million RBMs.

You will experience unbelievable flexibility because you can now lift directly from the side. Run harder. And do more than you ever imagined. With the new 60-Ton Heavy-Duty Rotator.



**JERR-DAN**  
RUN HARD



## 60-TON ROTATOR

WORKS HARDER BECAUSE IT'S

# BUILT HARDER

### High-strength alloy fabricated construction booms

- Rated capacity: 120,000 lbs. retracted (44,000 lbs. full extended) or 120,000 lbs. retracted (26,000 full extended)
- Available in 2- or 3-section booms
- 360° rotation
- Boom elevation operating range: 0°-51°
- Maximum hook height at 51°: 40'-0"
- Maximum working radius at 30°: 36'-0" (at horizontal: 41'-10")
- Available with dual 50,000 or 60,000 lb. rated capacity planetary winches

### Full-length high-strength "torsional box type" carrier frame

- Uses high-strength alloy steel for maximum weight/structural performance, running full length from front outriggers to rear spades
- Integrated hydraulic stabilizer system
- "Torque box" style turntable mount for maximum structural performance
- 44,000,000 in lbs. (total) RBM

### Hydraulic stabilizer system (front and rear outriggers and rear spades)

- Low-profile dual front and rear 3-stage low-mounted (cantilevered box with telescoping beam) outriggers allow load to be kept close to ground and body when lifting over the outriggers extended beams
- The outrigger system's large footprint area (112" x 264") provides excellent lifting capacities over the front, side, and rear quarters
- The outrigger system and carrier box frame are designed to drag loads over the side with the recovery boom horizontal, up to 60,000 lbs. horizontal pull

- The four outrigger pads are designed as spades that will bite into the ground to give high holding ability
- Outrigger system designed for 12" stored ground clearance and 26" ground penetration allows minimal cribbing under the outrigger pads for uneven terrain
- Rear stabilizer spades for rear recovery

### Under-Lift System

- 3-stage under-lift system with optional 35,000 lbs. capacity planetary drag winch
- Rated capacity: 53,000 lbs. retracted (17,000 lbs. extended)
- Maximum reach from back of tailboard: 140"

### Body

- Modular bonded aluminum body shell with composite panels

### Other

- Electrical swivel is very high-quality silicon filled and sealed unit. It gives very low EMI emittance and has no brushes that can become dirty and cause loss of electrical contact
- Recovery boom rotation drive system has a high-torque heavy-duty planetary gear unit with overload protection features and automatic brake
- Rotator overall height is 10'-6"

# Standard Equipment Features - ANYTHING BUT STANDARD

## Rotating Wrecker Boom

- Lifting Capacity: (SAE J2512)  
Retracted: 120,000 lbs.  
Extended: 44,000 lbs.
- Boom Rotation: 360°
- Boom Elevation Operating Range: 0°-51°
- Maximum Lifting Height at 51° (Ground to Hook): 31' 10"
- Maximum Working Radius @ 30°: 26' 10"
- 2-Stage Hydraulic Extendable Boom
- High-Performance Polymer Slide Pads
- Load Holding Valves
- Dual Planetary Winches (2-Speed):  
50,000 lbs. capacity
- Wire Rope: 0.75" x 250' 6 x 37 IWRC
- Air Cable Tensioners
- Air Free-Spool
- Air Actuated Slew Locks - 180° apart, over the rear and over the front
- 360° Sheave Head Swivel
- D-Rings Mounted on Each Boom Section
- Boom Angle Indicator
- High Strength Steel "Torque Box" Style Carrier Frame (44,000,000 in. lbs. RBM ) and Turntable Mount

## HDUL530 Underlift

- Lifting Capacity:  
Retracted: 53,000 lbs.  
Extended: 17,000 lbs.
- Maximum Reach from Back of Tailboard: 140"
- Hydraulic Power Tilt Positive Up: 30°
- Hydraulic Power Tilt Negative Down: 18°
- Hydraulic Power Fold for Storage
- 3-Stage Hydraulic Extendable Boom
- High-Performance Polymer Slide Pads
- Load Holding Valves
- Five Sets of Underlift Forks/Tools
- Tie-Down Chains
- Low Profile Crossbar
- 70° Crossbar Pivoting

## Modular Composite Body

- 240" CT Body with Tri-Axle Panel
- Aluminum Sub-Structure with Composite Panels
- Removable Mid-Section Modular Body Design for Easy Service Access
- Independently Rubber Shock Mounted
- Built-in Tool Storage and Chain Racks  
Stainless Steel Paddle Latches, Door Hinges
- Door Gas Shocks/Checks
- Aerodynamic Light Pylon
- Federal Standard 108 Lighting

- Control Station Illumination
- Tool Compartment Lighting
- 24" Wide Crossover Tool Compartment
- 24" Wide Underbody Mounted Pullout Drawer - Passenger Side
- 24" Wide Underbody Mounted Pullout Drawer - Driver Side for Battery Storage
- Crossover, Under-Frame Storage Compartment
- 12 Storage Compartments in Body

## Stabilizers/Outriggers

- Fully Hydraulic Dual Front and Rear "Scissor Style" 3-Stage, Low Mounted, Low Profile Outriggers
  - 26" of Ground Penetration
  - Wide Stabilizer Pads
  - Integral Folding Spades
  - D-Rings for Side Pulling with Manual Lock Pins
  - Load Holding Valves
- Fully Hydraulic Rear Stabilizers
  - Wide Stabilizer Pads
  - Integral Folding Spades
  - Load Holding Valves

## Hydraulic System

- 3-Stage Pump
- Suction Oil Flow Shut Off Valve
- Hydraulic Reservoir with Suction Strainer, Sight Gauge, and Clean Out Provisions

## Controls

- Passenger and Driver's Side Fully Proportional Manual Hydraulic Controls
- Wireless Remote Controls for all Functions except Outriggers
- Hydraulic Pressure Gauges Passenger Side
- In-Cab Nine Function Switch Panel
- Air Shift PTO
- Passenger and Driver's Side Outriggers Controls

## Other

- Recessed Glad Hand Connections
- Recessed Seven Pin Electrical Connector
- Alloy Steel Safety Chains with Storage pockets
- Mud Flaps
- Back-Up Alarm
- Rear Hook-Up Lights

# >>> OPTIONAL EQUIPMENT FEATURES FLEXIBILITY

## HDUL565 Underlift:

- Lifting Capacity
  - Retracted: 56,500 lbs.
  - Extended: 17,600 lbs.
  - Maximum Reach from Back of Tailboard: 176"
  - Hydraulic Power Tilt Positive Up: 30°
  - Hydraulic Power Tilt Negative Down: 18°
  - Hydraulic Power Fold for Storage
  - 4-Stage Hydraulic Extendable Boom
  - High-Performance Polymer Slide Pads
  - Load Holding Valves
- Planetary Drag Winch: 35,000 lbs. capacity
  - Wire Rope: 0.63" x 250' 6 x 37 IWRC
  - Cable Tensioners
  - Air Free-Spool
- Heavy-Duty Tire Lift — 14,000 lbs. capacity
- Super Heavy-Duty Tire Lift — 25,000 lbs. capacity
- Fifth Wheel Adapter
- Pintle Hook with Trailer Ball Adapter (requires fifth wheel adapter)
- 3-Stage Rotating Wrecker Boom

- Lifting Capacity: (SAE J2512)
  - Retracted: 120,000 lbs.
  - Extended: 26,000 lbs.
- Maximum Lifting Height at 51° (Ground to Hook): 40' 0"
- Maximum Working Radius @ 30°: 36' 0"
- Dual Planetary Winches: 60,000 lbs. capacity
  - Wire Rope: 0.88" x 220' 6 x 37 IWRC
  - Cable Tensioners
  - Air Free-Spool
- Rear Camera Kit
- Emergency Light Package
- Special Paint
- Other Options to Follow

