
CHALLENGER®



HYDRAULIC AUTO LOAD



The Challenger Express brings hydraulic auto loads to a higher level with features that include extended reach for easy vision and hook-up; newly designed crossbar approach plate; a 3" pivot pin and a roller guided hose tracking system for less maintenance and downtime. Check out the features and find out how the **Challenger Express** can help increase your profits, not your downtime.

- ◆ The optional motorcycle attachment allows the operator to hook-up and haul motorcycles damage free.
- ◆ The operator can lower and extend the wheel lift from inside the cab as he backs up to the vehicle. With the arms in an open position, the crossbar contacts the front of the tires. The operator now closes the arms around the tires and raises the vehicle without getting out of the truck. (Always use safety straps and chains before towing).
- ◆ The optional tow sling available on **Challenger Express** 4311 & 4312 can be utilized for hauling damaged vehicles or heavier loads.

Note: Some optional equipment may be shown. Other Challenger towing & recovery equipment is available from your local Challenger distributor.



WHEEL LIFT RATING

Lift Rating4,000 lbs.
 Tow Rating7,500 lbs.

WHEEL LIFT SPECIFICATIONS

Retracted Distance from Tailgate
 At Normal Tow Position41"

Extended Distance from Tailgate
 At Normal Tow Position74 3/4"

Maximum Hydraulic Extension33 3/4"

WINCH RATING

Challenger Express 4301, 4311 & 4312
 Rating (first layer of drum) each winch8,000 lbs.

CABLE

Challenger Express 4301, 4311 & 4312
 Diameter and Length (each winch) 3/8" x 75'
 Type6x19 Hemp Center, IPS

BOOM RATING

Challenger Express 4301 Boom Specifications
 At Boom Swivel (retracted)16,000 lbs.
 Maximum Boom Elevation38°

Challenger Express 4311 & 4312 Boom Specifications

Lift Height from Ground to Hook	<u>Retracted</u>	<u>Extended</u>
At Maximum Boom Elevation	83 3/4"	116 3/4"
Reach Past Tailgate at Min. Boom Elevation	--	48"
Reach Past Tailgate at Max. Boom Elevation	--	15 7/8"
Boom Rating at Boom Swivel	16,000 lbs.	4,000 lbs.



This Challenger 4311 Express, shown here with the standard heavy duty steel body and the Challenger 4312 Express, provide the operator with a hydraulic extendable recovery boom.

TRUCK RECOMMENDATIONS

The Challenger Express should be installed on a chassis with minimum GVW of 10,000 lbs. dual rear wheels and a minimum C.A. of 60°. A heavy-duty spring package is recommended.

NOTE: Specifications subject to change without notice. All ratings specified are based on structural factors only, not vehicle capacities, or capabilities.

STANDARD FEATURES

- Challenger Express 4301, 4311 & 4312**
- Integrated Boom & Wheel Lift System
 - Challenger Express Hydraulic Hookup
 - Clutch Pump
 - In-Cab Remote Control Pendant on Cord with 8 Functions
 - 1 Pair of Safety Straps
 - Safety Chains in Rear Pockets
 - Tool Compartment, Left and Right Hand Side
 - 86" Wide Heavy Duty Body
 - Power Boom Elevation w/Holding Valve
 - Federal Standard #108 Light Group
 - Wiring Harness with Junction Box
 - Mud flaps
 - Back-Up Alarm
 - Power Fold for Stinger Storage
 - All Components for Complete Installation
 - Lubrication Fittings on all Shafts and Other Moving Parts
 - Self Centering Crossbar with 3" Pivot Pin
 - Roller Guided Hose Tracking System
 - Preassembled and Tested

Challenger Express 4301

- 8,000 lb. Variable Speed Hydraulic Winch
- 3/8" x 75' Cable Assembly
- 360° Directional Boom End Swivel
- Dual Manual Controls

Challenger Express 4311

- 8,000 lb. Variable Speed Hydraulic Winch
- 3/8" x 75' Cable Assembly
- Hydraulic Extendable Recovery Boom
- 360° Directional Boom End Swivel
- Dual Manual Controls

Challenger Express 4312

- Dual 8,000 lb. Variable Speed Hydraulic Winch
- (2) 3/8" x 75' Cable Assembly
- Hydraulic Extendable Recovery Boom
- 360° Directional Boom End Swivel
- Dual Manual Controls

OPTIONAL FEATURES

- Aluminum Body
- Stainless Steel Side Panels
- Switch Panel
- Tow Sling (4311 & 4312 only)
- Convenience Group
- Trailer Ball Adapter
- Motorcycle Attachments
- Light Pylon
- Wrecker Special Light Bar
- Work Lights
- Front Push Bumper
- 24" Tunnel Tool compartment for 84" C.A.
- Cable Anti-Spooling Tensioner
- Many Other Popular Options



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