

STANDARD FEATURES

- Automatic Cycling.
- Completely Portable.
- Hydraulic Landing Gear.
- Overload Sensitivity.
- Operated Manually or by Remote Control, with Radio Control - 8 Function.
- Oil Recovery.
- Air Compressor with 30-gallon Tank.
- Air Brakes, I.C.C. Lights and Mud Flaps.
- Compensating Suspension.

HYDRAULICS

Lid Cylinders:

- 3in. (203 mm) Bore
- 3in. (127 mm) Diameter Shaft - Hard
- Chrome Plated 81in (2.06 m) Stroke
- Self-aligning Ball Bushing - Both ends
- Approved for Operation to 3250 PSI.
- Total Combined Cylinder force - 301,600lbs (136,803 kg)

System Pressure:

- Main Relief Pressure 3000 PSI
- Work Port Relief Pressure 3250 PSI

Pumps:

- Triple Gear Pump 53 GPM (200 LPM) and 24 GPM (91 LPM)

Directional Valves:

- Hydraulically Operated and Electrically Controlled.

Fluid Capacity and Filtering:

- 250 Gallon (946 Liter) Hydraulic Reservoir Tank
- Clean-out Accessibility Provided
- 100% Filtration to 10 Micron.
- All Fluid is Passed Through Replaceable Suction Cartridge Type Filters.

POWER PACKAGE

154 HP @2500 RPM Cummins or John Deere Diesel. 100 Gallon (379 Liter) Fuel Capacity.

ELECTRICAL

12 Volt DC
Solenoid Controlled Hydraulic Functions.
Fuse Protected
All Solenoids and Control Boxes are Sealed.

CYCLE TIME

CYCLE 1 - Up and Down
Approx 22 Seconds.
CYCLE 2 - Rock
Approx 59 Seconds.

DIMENSIONS

| | |
|--|--|
| Overall Length: | 43ft. (13.1 m) |
| Travel Height: | 13ft. 5in. (4.1 m) |
| Travel Width: | 8ft. (2.4 m) |
| Weight: Overall | 60,300 lbs. (27,351 kg) |
| At Kingpin | 26,300 lbs. (11,929 kg) |
| At Tandem | 34,000 lbs. (15,422 kg) |
| Operating Height: | 20ft. 1in. (6.1 m) |
| Portable with Tandem Axle and 11:00 x 22.5 Tubeless Tires. | |
| Ground Clearance: | 17.5in (44.45 cm) |
| Loading Area: | 84in. (2.13 m) Wide |
| | 20ft. (6.1 m) Length |
| | 90in. (2.3 m) Inside Height-Lid Fully Raised |
| | 9in. (22.9 cm) Inside Height-Lid Fully Lowered |

SPECIAL FEATURES

Revolutionary Quad-Post Guide System:

The key to the Quad-Post system is the equal distribution of the crushing force to the four corners of the crushing lid. The crushing lid is connected to the four sliding guides by heavy-duty pivot lugs mounted on each corner. The stress is distributed equally across the guide posts, sliding guides and pivot lugs, giving the Impact V greater stability and durability.

Exclusive Cylinder Locking System:

Raise the cylinder cases, lock them into position (with the simple key-way design) and it is ready to work. This unique design reduces total set-up time to less than one minute. Locked in Hydraulic cylinders on the Impact V always exert maximum pressure by pushing straight down every cycle to crush material.

High Strength Back Wall:

The back wall has been designed incorporating high strength steel. This provides a solid backboard for positioning vehicles during loading and unloading. Over 25% of the structure of the Al-jon Impact V's 60,300 pounds is constructed out of high strength steel, making the Impact V lighter as well as stronger.



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