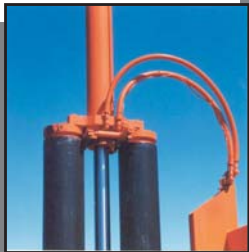


# ALJON MFG

## IMPACT SX CAR CRUSHER



### STANDARD FEATURES

- ▶ Completely Portable
- ▶ Automatic Cycling
- ▶ Manual or Remote Radio Control
- ▶ One Man Operation
- ▶ Hydraulic Landing Gear
- ▶ Oil Recovery System
- ▶ Overload Sensitivity
- ▶ 2 Year Bumper to Bumper Warranty
- ▶ Quad Post System = Lower Loads



# IMPACT V CAR CRUSHER SPECIFICATIONS

## STANDARD FEATURES

Automatic Cycling.  
Completely Portable.  
Hydraulic Landing Gear.  
Overload Sensitivity.  
Operated Manually or by Remote Control  
with Radio Control - Two Channels.  
Oil Recovery.  
Air Compressor with 30-gallon (113 l) Tank.  
Air Brakes, I.C.C. Lights and Mud Flaps.  
Compensating Suspension.

## HYDRAULICS

### Lid Cylinders:

8 in. Bore  
5 in. Diameter Shaft - Hard Chrome  
Plated 81 in. Stroke  
Self-aligning Ball Bushing - Both ends  
Approved for Operation to 3250 PSI.  
Total Combined Cylinder force - 301,600

### System Pressure:

Main Relief Pressure 3000 PSI  
Work Port Relief Pressure 3250 PSI

### Pumps:

Tandem Gear Pump 39 GPM (148 lpm) x 2

### Directional Valves:

Hydraulically Operated and Electrically  
Controlled.

### Fluid Capacity and Filtering:

120 Gallon (454 l) Hydraulic Reservoir Tank  
Clean-out Accessibility Provided  
100% Filtration to 10 Micron.  
All Fluid is Passed Through Replaceable  
Suction Cartridge Type Filters.

## POWER PACKAGE

100 HP @2500 RPM Cummins or John Deere  
Diesel. 40 Gallon (151 l) Fuel Capacity.

## ELECTRICAL

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

## CYCLE TIME

Full Extend = Full Retract of Cylinder  
49 Seconds

## DIMENSIONS

Overall Length: Approximately 43 ft. (1311 cm)  
Travel Height: 13 ft. 5 in. (409 cm)  
Travel Width: 8 ft. 3.75 in. (253 cm)  
Weight: Overall 57,700 lbs. (26,173 kg)  
At Kingpin 24,600 lbs. (11,159 kg)  
At Tandem 33,100 lbs. (15,014 kg)  
Operating Height: 20 ft. 1 in. (612 cm)  
Portable with Tandem Axle and 11:00 x 22.5  
Tubeless Tires.  
Ground Clearance: 17.5 in. (44.45 cm)  
Loading Area: 84 in. (213 cm) Wide  
240 in. (610 cm) Length  
90 in. (229 cm) High-Lid Fully Raised  
9 in. (23 cm) High-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 its ready to work. This unique design has reduced total set-up time to less than one minute. This gives the cylinders on the Impact V more power by pushing down to crush the material.

### High Strength Back Wall:

The back wall has been designed incorporating high strength steel, which provides you with a solid backboard for positioning vehicles during loading and unloading. Over 25% of the Impact V's 57,000 pounds (26,173 kg) are constructed out of high strength steel. This makes the Impact V lighter as well as stronger.



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KEEPING IT SIMPLE - BUILDING IT STRONG