

# 580CZ

CAR LOGGER

# ALJON MFG



## FEATURES

- ▶ L Box Design
- ▶ 360° Continuous Rotation Material Handler
- ▶ Throttle Inside Cab
- ▶ Fully Portable & Road Legal
- ▶ Four Corner Hydraulic Outriggers for Stability
- ▶ One Man Operation
- ▶ High Visibility Operator's Station
- ▶ Fully Auto Cycle (Ram In & Out-Doors Open)



**KEEPING IT SIMPLE, BUILDING IT STRONG**



## SPECIFICATIONS

### ENGINE:

Quality 6 Cylinder Tier III Diesel Engine  
(Cummins, John Deere, or Caterpillar)  
Front Mounted for Easier Maintenance Access

### HYDRAULICS SYSTEM:

Double Pump (Baler) 120 GPM (454 LPM) at 2100 RPM  
Filtration: Kidney Loop 5 Micron Filtration  
Multiple Relief Protection at 3000 PSI  
Operating Pressure 1400 to 2700 PSI  
Lid Cylinders: 4 in. (102 mm) Chrome Rods --  
8 in. (203 mm) Bore x 29 in. (737 mm) Stroke  
Ram Cylinders: 1 -- 9 in. (229 mm) Chrome Rod --  
12 in. (305 mm) Bore x 128 in. (3251 mm) Stroke  
1 -- 9 in. (229 mm) Chrome Rod --  
12 in. (305 mm) Bore x 88.5 in. (2248 mm) Stroke

### REAR AXLE:

Tri-axle with 11:00 x 22.5 Tubeless Tires

### CAPACITIES:

Fuel: 90 gallons (341 L)  
Hydraulic: 290 gallons (1098 L)

### MATERIAL HANDLER:

Model 1100 Knuckle Boom Material Handler  
Ergonomically Designed Cab

- AC/Heater
- Electronic Joy Stick Controls
- Fully Adjustable Seat
- 25 ft. 8 in. (7823 mm) Reach
- 4,000 lbs. (1814 kg) Lifting Capacity at 20 ft. (6096 mm) Reach
- Load Sensing Piston Pump
- 360° Continuous Rotation

### ELECTRICAL:

Heavy Duty Dual 12 Volt Batteries  
Solenoid Controlled Hydraulic Functions -  
- 12 Volt Fuse Protected  
All Solenoids and Control Boxes are Sealed Water Tight  
Daily and Total Bale Cycle Count

### BALING CHAMBER:

Dimensions - 10 ft. (3048 mm) Wide  
19 ft. 3 in. (5867 mm) Long  
"L" Box Design with Stress Relieved Welds  
Lower Baling Chamber Allowing Better  
Operator Visibility

### BALE SIZE:

40 in. (1016 mm) Wide x 25 in. (635 mm) High  
x Variable Length  
Bale Density: 30 - 80 lbs. / Cu. Ft. (480-1281 kg/m<sup>3</sup>)

### HEIGHT:

13 ft. 6 in. (4115 mm)

### WEIGHT:

93,000 lbs. (42,184 kg)

### PRODUCTION:

25 Car Bodies Per Hour  
15 - 20 Tons (13 - 18 tonnes) of Loose Scrap Per Hour



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