

# CAS80RL

Hydraulic driven aluminum air compressor



An Gashkesh Corporation Company



Shown with mechanical gauges

Now 30% Lighter Than its Predecessor.

The IMT CAS80RL provides a whopping 80 cfm of air power at almost half the weight of its predecessor. The CAS80RL is designed with an aluminum air end and canopy to reduce weight and to protect against rust. Its compact footprint increases deck space on your truck, and its sound attenuation design decreases noise levels for comfortable operation. The CAS80RL is available with mechanical gauges or a LED control panel.

## > SPECIFICATIONS

Capacity (CFM)	60	60	70	70	80	80
Air Pressure (PSI)	100	150	100	150	100	150
Compressor (RPM)	1950	1975	2275	2300	2650	2650
Hydraulic Flow (GPM)*	14.0	14.2	16.5	16.8	18.5	18.8
Hydraulic Pressure (PSI)*	2500	2750	2650	2800	2800	3075

\*Ratings are approximate and are based on 120 °F hydraulic fluid temperature. Add 400 PSI minimum to hydraulic requirements for hydraulic system continuous pressure ratings. Consult IMT for specific details.

Dimensions with fittings (In.):  
38.55L X 21.0W X 24.64H | Dry Weight (Lbs.) 285 lbs

## > PERFORMANCE

- 60-80 CFM and up to 150 PSI
- Ambient Operating Range of -20°F to +125°F
- Lightweight
- Six-Pin Weatherproof Electrical Connection
- Hydraulic Cooling Assist for Additional Hydraulic Systems
- 12V and 24V DC Models Available
- Open Center or Closed Center Hydraulic Manifold Block

## > ENCAPSULATED AIR COMPRESSOR

- Direct-Driven Aluminum Encapsulated Rotary Screw Air End
- Bolt-On Inlet Valve
- Integral Air-to-Oil Separator Tank
- Lifetime Warranty on Air End

## > AIR-TO-OIL COOLER

- Capable of Cooling Up to 150 PSI
- Ambient Operating Range of -20 °F to + 125 °F

## > HYDRAULIC COOLER

- Integrated Cooler Reduces Heat in Truck Hydraulic System

## > HYDRAULICS

- Gear-Type Motor
- Hydraulic Oil In – 3/4" 37 Degree JIC (#12)
- Hydraulic Oil Out – 1" 37 Degree JIC (#16)
- Open Center or Closed Center
- Hydraulic Case Drain – 3/8" 37 Degree JIC (#6)
- Hydraulic Load Sense Line – 1/4" 37 Degree JIC (#4)\*

## > INSTRUMENTATION STANDARD

- Conveniently Located and Easy to Read Temperature, Hour, and Pressure Gauges
- Relocatable

## > CANOPY

- Lightweight Powder-Coated Aluminum Sheet Metal Enclosure
- Single Point Lifting Bail

## > OPTIONAL LED ELECTRONIC DISPLAY

- Remote Mountable up to 50 ft. from Unit
- Overpressure and Overtemperature Alerts
- Setting Directly on Control Panel to Change Pressure
- Customizable Splash Screen
- Fault Code History for Service Techs
- Hydraulic "Stall Detected" Alert for Low Supply of Hydraulic Flow and Pressure
- Temperature Range of -4°F - +150°F IP67 When Mounted

## > SAFETY EQUIPMENT

- Air Pressure Relief Safety Valve
- Open Center Hydraulic Oil Pressure Relief Valve
- Automatic Blow-Down on Shutdown
- High-Temperature and High-Pressure Shutdown
- Vented Fill Cap

## > SERVICEABILITY/CONVENIENCE

- Reversible Hinged Hood
- Access Panel for Easy Accessibility for Oil Changes
- JIC Fittings on Front of Machine for Hydraulic and Air Connections for Convenience

## > COLD WEATHER PACKAGE (OPTIONAL)

- Integrated System with Hydraulic Thermal Valve

## > OPTIONS/ACCESSORIES

- 20 – 60 Gallon Air Reservoirs
- Aftercoolers
- Air Hoses
- Air Tools
- Hose Reels and Fittings
- OSHA Safety Valve (Velocity Fuse)
- Service/Control Line Moisture Separators
- Tool Oiler/Lubricator
- Service Airline De-Icer
- Filter Regulator Lubricator (FRL) 1/2"

\*Load sense line for closed center hydraulic system only.

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Iowa Mold Tooling Co., Inc. | 500 Highway 18 West | Garner, Iowa 50438 | 800-247-5958 | imt.com

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