

# CAS40PL



An Oshkosh Corporation Company

Hydraulic driven aluminum air compressor



## The Leading Air Compressor for the Tire and Mechanic Truck Industry

The IMT CAS40PL lightens your load without compromising performance. Designed with an aluminum air end and canopy to reduce weight on the vehicle without compromising quality, it offers solid 40 CFM of power. The rust-resistant, durable CAS40PL features a reversible hinged hood, easy to read control panel and accessible service panels, giving you the flexibility to mount the unit where you need it most. With hydraulic cooling assist for additional hydraulic systems, the CAS40PL is also available with a cold-weather package and the option of an LED electronic control panel.

### > SPECIFICATIONS

Capacity (CFM)	30	30	30	30	40	40	40	40
Air Pressure (PSI)	100	125	150	175	100	125	150	175
Hydraulic Flow (GPM) <sup>*</sup>	8.25	8.25	8.25	9.0	10	10	10	10
Hydraulic Pressure (PSI) <sup>*</sup>	2300	2450	2575	2600	2300	2470	2550	2600

<sup>\*</sup>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. IMT CAS40PL hydraulic relief valve is set at 3200 PSI. Consult IMT for specific details.

Dimensions with fittings (In.):  
33.7L X 21.0W X 24.3H | Dry Weight (Lbs.): 245

## > PERFORMANCE/FEATURES

- 30-40 CFM and up to 175 PSI
- Ambient Operating Range of -20° F to +125° F
- Vibration Isolation on Air Compressor and Drive System for Quiet Operation
- 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

## > RECIPROCATING AIR COMPRESSOR

- Aluminum Air End
- Reed Valve System
- Tapered Roller Type Main Bearings
- Balanced Crankshaft
- Weight-Matched Balanced Pistons
- High Flow Valves
- Lightweight Connecting Rods
- Integrated Air Interstage and After Coolers

## > AIR COMPRESSOR CONTROL SYSTEM

- 3-in-1 Air Compressor Manifold for Less Potential Leak Points
- Eliminates Accumulator Hose
- Gear-Type Motor

## > HYDRAULICS

- Direct Drive Coupled to Air End
- Integral Hydraulic Cooler for Air System
- Hydraulic Oil In - 3/4" 37° JIC (#12)
- Hydraulic Oil Out - 1" 37° JIC (#16)
- Hydraulic Case Drain - 3/8" 37° JIC (#6)
- Hydraulic Load Sense Line - 1/4" 37° JIC (#4)\*

## > STANDARD INSTRUMENTATION

- Conveniently Located and Easy to Read Hour and Pressure Gauges
- Relocatable to Other Side of Canopy

## > OPTIONAL LED ELECTRONIC DISPLAY PANEL

- Remote Mountable up to 50 Ft from Unit
- Overpressure Alert
- Ability to Adjust Pressure Directly on Panel
- Fault Code for Fan Fuse
- Customizable Splash Screen

## > CANOPY

- Aluminum, Powder-Coated Sheet Metal
- Panels for Easy Removal and Maintenance Work

## > SERVICEABILITY/CONVENIENCE

- Reversible Hinged Hood
- Access Panel for Closed Center Flow Control Valve
- JIC Fittings on Front of Machine for Hydraulic and Air Connection for Convenience

## > COLD WEATHER PACKAGE (OPTIONAL)

- Integrated System with Hydraulic Thermal Valve

## > SAFETY EQUIPMENT

- Air Pressure Relief Safety Valve
- Open Center Hydraulic Oil Pressure Relief Valve
- Automatic Blow-Down on Shutdown

## > OPTIONS/ACCESSORIES

- 20-60 Gallon Air Reservoirs
- Aftercoolers
- Air Hoses
- Air Tools
- Cold Weather Package to Prevent Freeze-Ups
- Hose Reels and Fittings
- OSHA Safety Valve (Velocity Fuse)
- Service/Control Line Moisture Separators
- Tool Oiler/Lubricator
- Service Airline De-Icer
- Filter Lubricator Regulator (FLR) 1"

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

**NOTHING SAYS COMMITMENT LIKE THE DIAMOND.™**



An Oshkosh Corporation Company

Iowa Mold Tooling Co., Inc. | 500 Highway 18 West | Garner, Iowa 50438 | 800-247-5958 | [imt.com](http://imt.com)

IMT reserves the right to make changes in engineering, design, and specifications; add improvements; or discontinue manufacturing at any time without notice or obligation. IMT, the IMT logo, Dominator, NOTHING SAYS COMMITMENT LIKE THE DIAMOND and SiteStar are registered trademarks or trademarks of Iowa Mold Tooling Co., Inc., Garner, IA, USA. © 2020 Iowa Mold Tooling Co., Inc. All Rights Reserved.



REV 02/20