

# M CLASS T100-V AIR STARTER

## Pre-Engaged Drive System

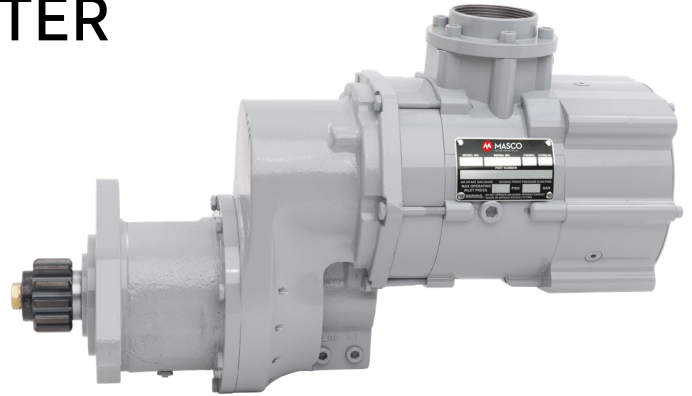
### About MASCO

With over 35 years of experience, MASCO produces OE quality, Brand NEW and sustainably remanufactured air starters and parts. M-Class products are a trusted and reliable alternative to OE. They deliver the same performance, safety and quality characteristics demanded by complex engines and equipment within the gas compression, marine, mining and power generation industries.

Our high-performance turbine air starters are engineered with premium quality components, precisely calibrated, and extensively tested for operation in harsh environments, under tough operating conditions.

### Description/Features/Benefits

- Turbine type air motor suitable for use with air or natural gas using proper safe plumbing procedures. Designed for use on diesel or gas engines.
- Safety features: Dual turbine rotor speed control, fail safe turbine motor containment housing
- Operation: Air or Natural Gas
- Design Configuration: Offset gear case, 9:1 ratio planetary transmission
- Drive Type: Pre-engaged—Dual control ports 1/4"
- Mounting Flange: SAE 3
- Exhaust: 90° elbow available
- Operating Pressure: 30–90 psi, 90-150 psi. Depending on nozzle configuration.
- Engine application: Up to 250 liters.  
Example: Caterpillar 3512, 3616
- Quality satisfaction guaranteed



### Specifications

50-250 Liter (3000-15,000 CID) Engines  
70 hp  
30-150 psi (2-10.3 BAR)  
55 lbs

### Service & Replacement Parts

MASCO maintains a large inventory of service and replacement parts for T100V & T100B series air starters.

- Drive pinions: M-T10V-28167
- Inertia drives: CW & CCW 12T, M1-18828, M1-19083
- Overhaul repair kits: M-T10V-28574, M-T10B-28742
- Plus: turbine rotors, nozzles, containment nozzles, shafts, planetary transmissions and more.

All Models Feature	Sample M-T100B Models*	Drive Type & Op PSI
Suitable for air and natural gas operation	M-T112-60031-01R-1-03	Pre-Engaged CW 90-150 psi
30-150 psi (6.2–10.3 bars) operation*	M-T121-60031-01R-1-03	Pre-Engaged CW 30-90 psi
Right CW / Left CCW models available	M-T112-60031-02L-1-03	Pre-Engaged CCW 90-150 psi
Built in USA	M-T109-60031-01R-1-83	Pre-Engaged CW 90-150 psi