

Hydraulic Driven Intensifier



The unit comes completely assembled, ready for operation.

- Maximum inlet supply and outlet pressure to 5,000 psig
- Minimum inlet fluid pressure 100 psig
- Single stage, double acting
- Ideal for liquid CO2 applications
- Oil free, non-lubricated pistons
- Hydraulic to process pressure ratio: 1:2
- Simple design for ease of operation, ease of maintenance
- Displacement volume per double stroke 33.18 inch³
- Typical maximum flow 2 gpm process volume
- Maximum cycles (double stroke) of 15 per minute
- Stroke Length of 8"
 - 100% duty rated
 - Liquid cooled cooling jackets available
- Control options available
 - Motor Starter or
 - PLC control and performance monitoring



Part number as shown:
MTHI5-10-PLC

Connections:

- Gas Inlet and Gas Outlet ½" FNPT
- Coolant Inlet and Outlet ½" FNPT

The intensifier can be purchased as a complete unit mounted on the hydraulic power pack.

The hydraulic unit comes with the following features:

- 10 HP totally enclosed fan cooled motor, 460v 3Ø or 220 1Ø
- 24 VDC on/off solenoid for easy intensifier on/off control without shutting motor down
- Hydraulic oil cooling and filtration with easy spin on filter
- Hydraulic pressure relief valves to prevent over-pressurization
- Oil level and temperature sensors
- Unit as pictured above is 36" deep, 44" wide and 50" tall

