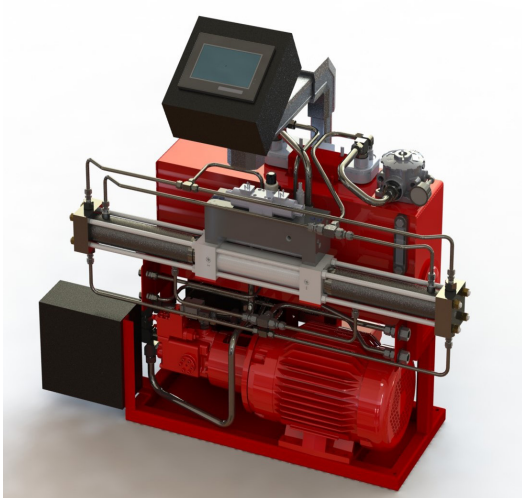
Hydraulic Driven Multimedia Intensifier

Maxpro® hydraulic driven, multimedia intensifiers are a great way to increase the pressure of gases when compressed air is not available or is not the preferred power source. Maxpro® hydraulic intensifiers are both energy efficient and 100% duty rated. Dial in the intensifier for unmatched process control through the user-friendly touch screen interface.



Is this machine part of a larger system? No problem, Maxpro® intensifiers are prewired to integrate with your existing process controls.

Maxpro® intensifiers are fully capable of operating as a standalone piece of equipment complete with automated process controls and diagnostics for worry free operation. Maxpro® intensifiers come completely assembled, tested and ready to contribute to your productivity.

Overview:

10 HP multimedia intensifier suitable for liquids and inert gases
6,000 psig maximum operating pressure
7" touch screen for process optimization and real time digital read out
Variable outlet flow from 0-100% (Maximum flow rates are application specific)
100% duty rated
Oil free non-lubricated pistons
Liquid cooled hydraulics and high-pressure barrels
Simple design for ease of operation and maintenance

Process details:

Single stage double acting intensifier
33 in^3 process displacement per cycle
15 cycles per minute maximum
6,000 psig maximum discharge
300 to 5,000 psig inlet pressure range
Maximum gas compression ratio 1:15
Stainless steel construction on components contacting process media
Process Gases: Argon, Helium, Nitrogen, CO_2, Dry Air

Connection Details:

¼" FNPT media inlet and outlet connections
½" FNPT liquid coolant inlet and outlet connections
230/460 3Ø 60 Hz nominal voltage (additional power options available)
24 VDC isolated controls for machine integration (0 to 20 mA available)

Applications:

Gas Foaming of Polystyrene; Gas Cylinder Filling, Supercritical Extraction & Cleaning, Gas Assisted Injection Molding, Gas Tube Trailer & Cylinder Scavenging, Gas Vapor Reclaim from Cryogenic Storage, Supply Gas to Hot Isostatic Pressing (HIP), Gas Supply to Sintering Furnace

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