

## Trabon MSP Series

### Series Progressive System



With the widest range of accessories and outputs, MSP helps keep almost any machine running at peak performance

#### Features

- The industry standard for complete modularity, Graco's Trabon MSP series is our most customizable series progressive platform
- Porting options of NPSF, SAE or BSPP allow for worldwide adaptability
- Minimize down-time with quick change-out of the working section and a broad choice of performance indicators to help provide assurance that the lubrication is done right
- Precision matched piston fit ensures the system is delivering highly accurate amounts of lubricant repeatedly
- Optional TFE seals for maximum lubricant compatibility

#### Technical Specifications

	MSP5	MSP10	MSP15	MSP20	MSP25	MSP30	MSP35	MSP40
Maximum Pressure	3,500 psi (241 bar)	3,500 psi (241 bar)	3,500 psi (241 bar)	3,500 psi (241 bar)	3,500 psi (241 bar)	3,500 psi (241 bar)	3,500 psi (241 bar)	3,500 psi (241 bar)
Output Twin Outlet in <sup>3</sup> (cm <sup>3</sup> )	0.005 (0.08)	0.01 (0.16)	0.015 (0.26)	0.02 (0.33)	0.025 (0.41)	0.03 (0.49)	0.035 (0.57)	0.04 (0.66)
Output Single Outlet in <sup>3</sup> (cm <sup>3</sup> )	0.01 (0.16)	0.02 (0.33)	0.03 (0.49)	0.04 (0.66)	0.05 (0.82)	0.06 (0.98)	0.07 (1.15)	0.08 (1.31)
Cycle Indication	N/A	N/A	N/A	Optional	Optional	Optional	Optional	Optional

## Manzel<sup>®</sup> MH Series

### Series Progressive System



The industry standard for natural gas compressors

#### Features

- Ideal for compressor and engine application or anywhere high pressure lubrication is required
- TFE seals standard in MHH valves for temperature and material compatibility
- SAE, NPSF or metric threading for worldwide compatibility
- Provides all the features and associated benefits of Graco's MSP series, at pressures up to 7,500 psi (517 bar)

#### Technical Specifications

	MH6	MH9	MH12	MH18	MH24	MH30
Maximum Pressure MHP Valve	6,000 psi (413 bar)	6,000 psi (413 bar)	6,000 psi (413 bar)	6,000 psi (413 bar)	6,000 psi (413 bar)	6,000 psi (413 bar)
Maximum Pressure MHH Valve	7,500 psi (517 bar)	7,500 psi (517 bar)	7,500 psi (517 bar)	7,500 psi (517 bar)	7,500 psi (517 bar)	7,500 psi (517 bar)
Output Twin Outlet, in <sup>3</sup> (cm <sup>3</sup> )	0.006 (0.098)	0.009 (0.148)	0.012 (0.197)	0.018 (0.295)	0.024 (0.393)	0.030 (0.492)
Output Single Outlet, in <sup>3</sup> (cm <sup>3</sup> )	0.012 (0.197)	0.018 (0.295)	0.024 (0.393)	0.036 (0.590)	0.048 (0.787)	0.060 (0.983)
Cycle Indication	N/A	N/A	N/A	Optional	Optional	Optional