

HXL400WV

Vacuum / Pressure Pump

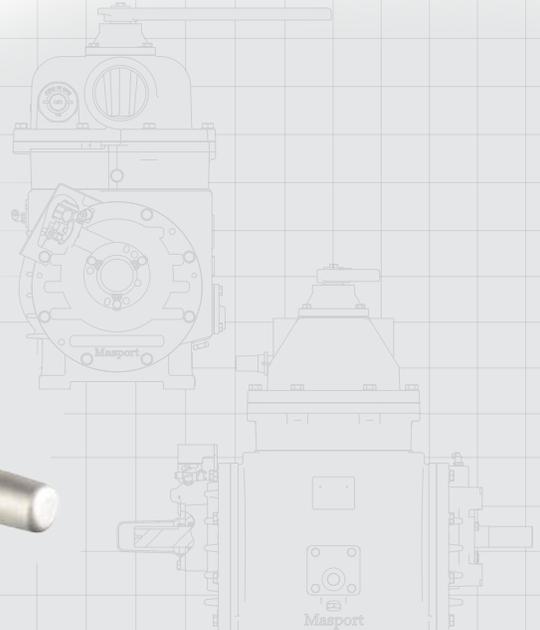
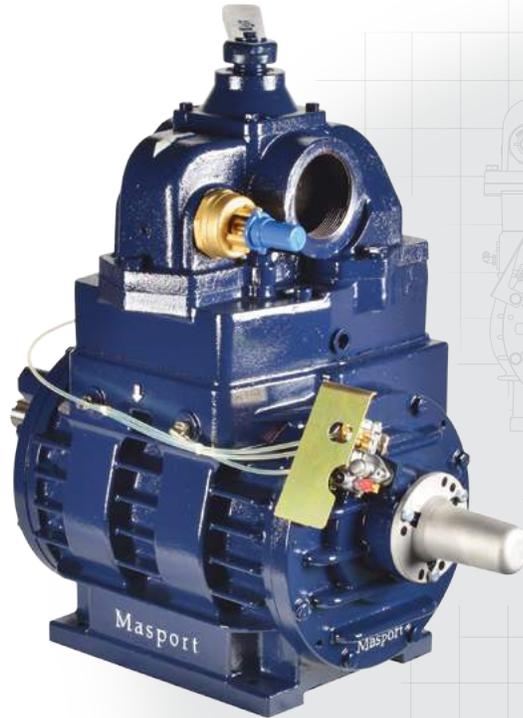
Masport have been manufacturing vacuum/pressure pumps for over 100 years, so you can be sure of engineering excellence.

The Masport range of HXL pumps are specifically designed and engineered to meet the needs of hard working pumpers around the world.

To produce our precision pumps, we only use the finest quality components and materials to ensure the durability of your vacuum pump.

Every pump is factory tested before shipping and is backed up by a one year warranty against all manufacturing defects.

With Masport on board you have an efficient and reliable pump backed by the best service and support that has made Masport the #1 choice for pumpers worldwide.



Pump available in Plug & Play and Tractor Pack Systems



Masport quality and performance

- ▶ **Achieve minimum 27" Hg** (Intermittent)
- ▶ **Liquid stabilized design**– provides reliable operation under extreme hot or cold weather conditions, and allows for higher continuous vacuum operations
- ▶ **Precise machining and assembly**
- ▶ **Heavy duty bearings**
- ▶ **Viton oil seals** for longer service life
- ▶ **Kevlar vanes** are heat stabilized and machined with exacting tolerances for superior ruggedness and durability
- ▶ **Superior pump life**
- ▶ **Mechanical oil pump** with automatic oiling that delivers the right amount of oil at all working levels – no adjustment required
- ▶ **Durable translucent high temperature oil lines** – allows visible flow of oil to the pump
- ▶ **Integral mounting bosses** guarantee precise alignment for hydraulic drive or gearbox mount applications
- ▶ **End Thrust Protection** prevents rotor to-endcover contact created by direct PTO drive or misaligned belt driven systems
- ▶ **¼" NPT vane flush port**
- ▶ **Double end shaft** accommodates clockwise or counter-clockwise drive systems
- ▶ **Integral valve** allows the pump to operate in vacuum and pressure mode and reduces plumbing and installation costs
- ▶ **O-Ring Endcovers** eliminates air or oil leakages
- ▶ **Easy to service**
- ▶ **One year performance warranty**

400 CFM

Free Air Displacement



HXL400WV Vacuum / Pressure Pump

Performance Data – Vacuum

| PUMP R.P.M | DISPLACEMENT C.F.M | S.C.F.M and A.C.F.M @ VACUUM | | | | | | | | | | | MAXIMUM VACUUM – “Hg | |
|------------|--------------------|------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----------------------|--------------|
| | | | 5 | 10 | 15 | 18 | 20 | 22 | 24 | 25 | 26 | 27 | CONTINUOUS | INTERMITTENT |
| 1100 | 345 | SCFM | 269 | 204 | 150 | 120 | 100 | 80 | 57 | 47 | 35 | 25 | 25 | 27 |
| | | ACFM | 323 | 306 | 300 | 300 | 300 | 300 | 300 | 282 | 263 | 250 | | |
| 1250 | 400 | SCFM | 312 | 237 | 175 | 140 | 117 | 93 | 66 | 54 | 41 | 29 | 25 | 27 |
| | | ACFM | 374 | 356 | 350 | 350 | 350 | 350 | 350 | 324 | 308 | 290 | | |

Performance Data – Pressure

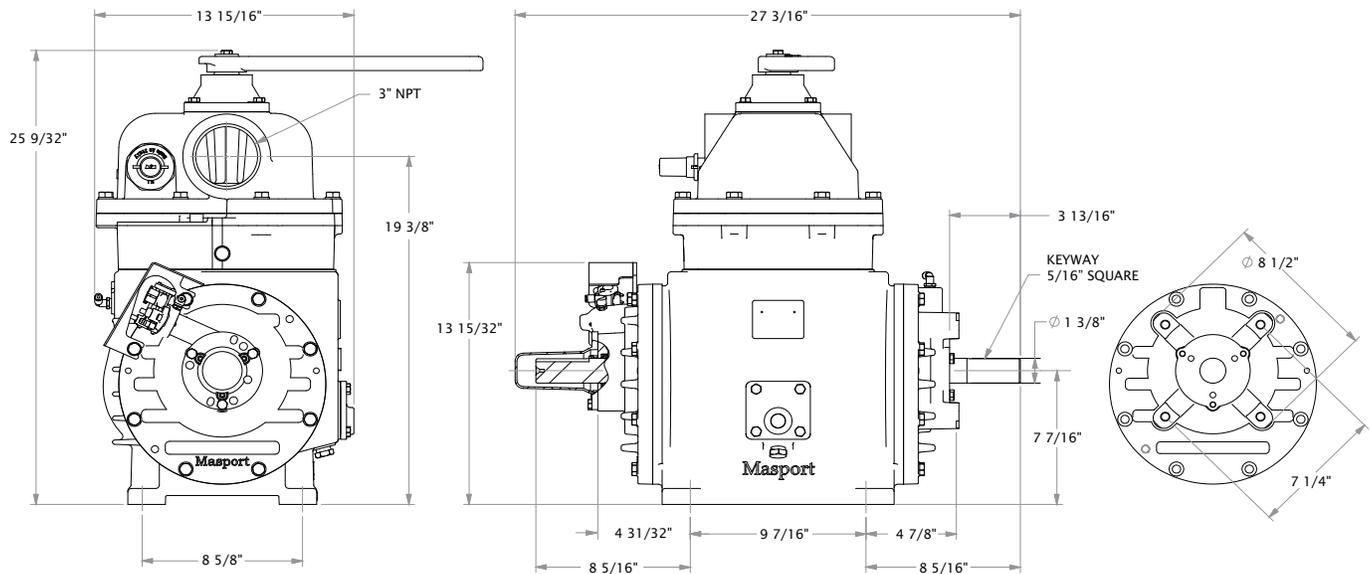
| PUMP R.P.M | DISPLACEMENT C.F.M | S.C.F.M @ P.S.I.G | | | | | | | MAXIMUM PRESSURE – P.S.I.G | |
|------------|--------------------|-------------------|-----|-----|-----|-----|-----|-----|----------------------------|--------------|
| | | 5 | 10 | 15 | 18 | 20 | 25 | 30 | CONTINUOUS | INTERMITTENT |
| 1100 | 345 | 321 | 307 | 292 | 275 | 258 | 243 | 224 | 20 | 30 |
| 1250 | 400 | 372 | 356 | 339 | 319 | 300 | 282 | 264 | 20 | 30 |

Horsepower Required @ “Hg

| PUMP R.P.M | VACUUM “Hg | | |
|------------|------------|------|------|
| | 15 | 20 | 27 |
| 1100 | 15 | 16.5 | 17 |
| 1250 | 17.7 | 19.5 | 20.1 |

Horsepower Required @ P.S.I.G

| PUMP R.P.M | P.S.I.G | | | | | |
|------------|---------|----|----|----|----|----|
| | 5 | 10 | 15 | 20 | 25 | 30 |
| 1100 | 20 | 24 | 28 | 32 | 35 | 42 |
| 1250 | 24 | 38 | 33 | 38 | 42 | 50 |



Superior reliability and performance features built into every Masport pump



Integral mounting bosses guarantee alignment with gearbox and hydraulic mount



Automatic adjustment free mechanical oil pump



Oil Reservoir and Flushing Kits available with either plastic or steel reservoirs



Heat stabilized Kevlar vanes machined to exacting tolerances

