



Masport

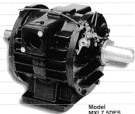
MXL-Series Vacuum Pumps



Model
MXL3DES



Model
MXL5DES



Model
MXL7.5DES

UNCOMPROMISING QUALITY AND DESIGN

MXL Mechanical Oil Pump

The high quality mechanical oil pump, standard on Masport MXL-Series Vacuum Pumps delivers a precise amount of oil. Oil is delivered to the vacuum pump at a constant rate regardless of vacuum level, of temperature or oil weight.

The vacuum pump is properly lubricated even during no-load idle or under the low vacuum conditions, such as the wash down cycle in a dairy application, for extended vacuum pump service life. Lubricating oil is provided immediately to the vacuum pump on start-up to eliminate unnecessary vacuum pump wear caused by "dry" starts.

No periodic lubrication system adjustment or continuous operator maintenance is required to insure that proper lubricating oil flow is being maintained.

Oil consumption and cost on once through lubrication systems will be reduced because the MXL oil pump delivers a constant amount of oil, even after many years of service. For installation convenience, the MXL oil pump is bidirectional to fit any rotation vacuum pump and can be utilized with oil recirculation systems to further reduce oil consumption.

Performance Data Base

All pump performance data is provided in SCFM, ACFM and l/min. Individual pump performance may vary slightly from the figures shown and will be affected by variations in altitude and barometric conditions. Unsatisfactory piping and tank arrangements can affect performance.

Design Advantage

The proven rotary design of the MXL-Series Vacuum Pumps delivers exceptional performance and dependability. With over 80 years of vacuum pump manufacturing experience and modern design expertise, look to Masport to set the innovation pace towards 2000 and beyond for the vacuum pump to meet your needs.

Casting Quality

All castings are produced in Masport's own foundry where state-of-the-art electric induction furnaces and computer monitoring provide consistent metallurgical quality control. Each high grade casting is stress relieved for increased stability prior to machining.

Superior Machining

Each pump's rotor is turned then ground to exact size; the cylinder is bored then honed; and the end covers are turned before being lap polished. This special attention to finish machining that produces these microsmooth surfaces allows each Masport pump to be assembled to exact clearance specifications, resulting in quieter operation, elimination of after-the-break-in period performance loss and less wear due to friction buildup.

Performance Assurance

Each Masport MXL vacuum pump you purchase is test run at the factory against a series of rigid performance standards. This individual attention to quality insures every Masport pump will provide top performance and dependability for years to come.