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

With a wide selection of pumps, systems and components specifically designed and engineered for the Liquid Waste Market, we can ensure that we have your pumping needs covered.

All products are factory tested before shipping and are backed up by a one year warranty against all manufacturing defects. With Masport on board you have an efficient and reliable pump and system backed by the best service and support that has made Masport the #1 choice for pumpers worldwide.
Features and benefits

- Achieve minimum 27" Hg (Intermittent)
- Available in both vacuum / pressure or vacuum only models
- Precise machining and assembly
- 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 – 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
- 3" NPT bolt on valve flanges for ease of installation
- ¼" NPT vane flush port
- Integral vacuum relief
- Double end shaft accommodates clockwise or counter-clockwise drive systems
- O-Ring Endcovers eliminates air or oil leakages
- Easy to service
- One year performance warranty

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HXL75 Pump · 230 CFM DISPLACEMENT

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HXL75 Plug & Play System

Features and benefits

- 20" Hg continuous duty operation
- Heavy duty pump stand
- High efficiency oil separator and scrubber
- Stainless steel inlet filter
- Vacuum/pressure relief valve and gauge
- Self-aligning gearbox and hydraulic drive options available
- Rexnord Omega Coupler on gearbox installations allows for greater life with automatic transmission
- Easily accessible maintenance points
- Oil, chemical and heat resistant hoses and float seat
- Separator supplied with 3" NPT fitting and exhaust deflector
- Available with plastic, steel or combination oil/flushing reservoir
- Available with or without oil separator
- Available with either a left or right handed scrubber
- One-year performance warranty

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MASPORT VACUUM PUMP SYSTEMS
**Features and benefits**

- 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 – 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
- 3” NPT bolt on valve flanges for ease of installation
- ¼” NPT vane flush port
- Integral vacuum relief
- Double end shaft accommodates clockwise or counter-clockwise drive systems
- O-Ring Endcovers eliminates air or oil leakages
- Easy to service
- One year performance warranty

**Features and benefits**

- 25” Hg continuous duty operation
- Heavy duty pump stand
- High efficiency oil separator and scrubber
- Stainless steel inlet filter
- Vacuum/pressure relief valve and gauge
- Self-aligning gearbox and hydraulic drive options available
- Rexnord Omega Coupler on gearbox installations allows for greater life with automatic transmission
- Easily accessible maintenance points
- Oil, chemical and heat resistant hoses and float seat
- Separator supplied with 3” NPT fitting and exhaust deflector
- Available with plastic, steel or combination oil/flushing reservoir
- Available with or without oil separator
- Available with either a left or right handed scrubber
- One-year performance warranty
**HXL400W Pump • 400 CFM DISPLACEMENT**

**Features and benefits**
- 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—no adjustment required
- Integral mounting bosses guarantee precise alignment for hydraulic drive or gearbox mount applications

**HXL400W Plug & Play System**

**Features and benefits**
- 25" Hg continuous duty operation
- Heavy duty pump stand
- Compact high efficiency oil separator and scrubber
- Stainless steel inlet filter
- Vacuum/pressure relief valve and gauge
- Pressure Relief Valve Vent Recovery System eliminates clean-up with oil exhausted to atmosphere
- Self-aligning gearbox and hydraulic drive options available
- Rexnord Omega Coupler on gearbox installations allows for greater life with automatic transmission
- Easily accessible maintenance points
- Oil, chemical and heat resistant hoses and float seat
- Available with plastic, steel or combination oil/flushing reservoir
- One-year performance warranty
Titan Pump • 407CFM DISPLACEMENT

Features and benefits

► Achieve minimum 27” Hg
  (Intermittent)
► Fan cooled 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
► Integrated inlet filter – washable
  stainless steel design for long filter 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
► 3” NPT bolt on valve flanges for ease
  of installation
► ¼” NPT vane flush port
► Integral vacuum relief
► 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

Titan Plug & Play System

Features and benefits

► 22” Hg continuous duty operation
► Heavy duty pump stand
► Compact high efficiency oil separator and scrubber
► Stainless steel integral inlet filter
► Vacuum/pressure relief valve and gauge
► Pressure Relief Valve Vent Recovery System
  eliminates clean-up with oil exhausted to atmosphere
► Self-aligning gearbox and hydraulic drive options available
► Rexnord Omega Coupler on gearbox installations
  allows for greater life with automatic transmission
► Easily accessible maintenance points
► Oil, chemical and heat resistant hoses and float seat
► Separator supplied with 3” NPT fitting and exhaust deflector
► Available with plastic, steel or combination oil/flushing reservoir
► Available with or without oil separator
► Available with either a left or right handed scrubber
► One-year performance warranty
Hydra Pump • 407CFM DISPLACEMENT

Features and benefits

- 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
- Vane wear inspection ports
- Superior pump life
- Integrated inlet filter – washable stainless steel design for long filter 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
- 3” NPT bolt on valve flanges for ease of installation
- 1/4” NPT vane flush port
- Integral vacuum relief
- 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

Plug & Play System

Features and benefits

- 25" Hg continuous duty operation
- Heavy duty pump stand
- Compact high efficiency oil separator and scrubber
- Stainless steel integral inlet filter
- Vacuum/pressure relief valve and gauge
- Pressure Relief Valve Vent Recovery System eliminates clean-up with oil exhausted to atmosphere
- Self-aligning gearbox and hydraulic drive options available
- Rexnord Omega Coupler on gearbox installations allows for greater life with automatic transmission
- Easily accessible maintenance points
- Oil, chemical and heat resistant hoses and float seat
- Separator supplied with 3” NPT fitting and exhaust deflector
- Available with plastic, steel or combination oil/flushing reservoir
- Available with or without oil separator
- Available with either a left or right handed scrubber
- One-year performance warranty
Masport Tank Components & Accessories

1. **Primary Trap**
   - Available in a range of sizes to suit airflow from 20 – 400 CFM
   - Port sizes in 1½” and 3”
   - Steel Collar

2. **Scrubber**
   - Available in a range of sizes to suit airflow from 20 – 400 CFM
   - Port sizes in 1 ½”, 2 ½” and 3”
   - Steel or aluminium construction
   - Painted or unpainted finish

3. **Oil Separator**
   - Available in a range of sizes to suit airflow from 20 – 400 CFM
   - Port sizes in 1½”, 2½” and 3”
   - Steel or aluminium construction
   - Painted or unpainted finish

4. **Pre-Filter**
   - Available in a range of sizes to suit airflow from 20 – 400 CFM
   - Port sizes in 1½” and 3”
   - Painted or unpainted finish

5. **Vacuum/Pressure Gauges**
   - Available as either vacuum only or combined vacuum and pressure

6. **Oil Reservoir**
   - Includes all components to properly oil the pump
   - Select from either plastic or steel reservoir tanks
   - Specially formulated Masport Oil available

7. **Pumper Scent**
   - Effectively remove foul odors when pumping
   - Port sizes in 1½”, 2”, 3” and 4”

8. **Relief Valves**
   - Vacuum Relief Valve 1½”
   - Pressure Relief Valve 1½” and 2”

9. **Sight Glasses**
   - 5” Tempered Glass Design
   - Steel collar

10. **Tank Level Indicator**
    - External indicator arrow
    - Steel collar

11. **Flushing Kit**
    - Includes all components to properly flush the pump
    - Select from either plastic or steel reservoir tanks
    - Specially formulated Masport Flushing Fluid available

12. **Masport Pumper Systems**
### Masport Plug & Play System Ordering

The Masport standardized part number format is designed to simplify the ordering process for our customers.

The format takes the following form:

```
XXXXX A B
```

- The first five numbers (denoted by the X) represents the bare system number (i.e. no drive system or oil reservoir kit installed/included).
- The first letter (denoted by A) represents the type of oil reservoir kit included: Plastic (P), Steel (S), or Dual (D).
- The second letter (denoted by B) represents the type of drive assembly mounted onto the pump/system: Clockwise Gearbox Drive (CW) or Counter-clockwise Gearbox Drive (CCW), or hydraulic drive (H) and so on.

**For example:**

An order for a Titan Plug & Play with a Plastic Oil Reservoir Kit and a Counter-clockwise Gearbox Drive would be:

```
1 2 9 1 4 PCCW
```

Referring to the Product Information tables on the facing page and the Part Code Identifier table on this page, the example `1 2 9 1 4 PCCW` is made up of the following:

- `1 2 9 1 4` Bare system number (from the Plug & Play Systems Table)
- `P` Plastic Oil Reservoir Kit
- `CCW` Counter-clockwise Gearbox Drive Assembly with Rexnord Coupler Installed on Pump/System

Please note:

Customers do not have to order systems that contain all the elements. A bare system can be ordered as per the following examples:

- `1 2 9 1 4` (Titan Plug & Play System)
- `1 2 9 1 4 CCW` (a system with only a drive assembly)
- `1 2 9 1 4 S` (a system with only a Steel Oil Reservoir Kit)

---

**System Features**

- **Configuration:**
  - Right Hand Scrubber
  - Left Hand Scrubber
  - Right Hand Scrubber
  - Left Hand Scrubber
  - Right Hand Scrubber
  - Left Hand Scrubber

- **Oil Separator Included:**
  - NO
  - NO
  - YES
  - YES
  - NO
  - NO

### Plug & Play Systems

#### PRODUCT OVERVIEW

<table>
<thead>
<tr>
<th>System Number</th>
<th>Pump Model</th>
<th>Pump Max CFM</th>
<th>Rec. Tank Size (Gal.)</th>
<th>Vacuum (Continuous)</th>
<th>Pressure (Continuous)</th>
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</thead>
<tbody>
<tr>
<td>12762</td>
<td>HXL75V</td>
<td>230</td>
<td>1500–2500</td>
<td>20</td>
<td>20</td>
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<td>12763</td>
<td>HXL75V</td>
<td>230</td>
<td>1500–2500</td>
<td>20</td>
<td>20</td>
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<td>12765</td>
<td>HXL75V</td>
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<td>1500–2500</td>
<td>20</td>
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</tr>
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<td>12768</td>
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<td>230</td>
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<td>20</td>
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<tr>
<td>12760</td>
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<td>2500–6000</td>
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<td>12761</td>
<td>HXL75WV</td>
<td>407</td>
<td>2500–6000</td>
<td>25</td>
<td>25</td>
</tr>
</tbody>
</table>

#### SYSTEM FEATURES

- **Configuration:**
  - Right Hand Scrubber
  - Left Hand Scrubber
  - Right Hand Scrubber
  - Left Hand Scrubber
  - Right Hand Scrubber
  - Left Hand Scrubber

- **Oil Separator Included:**
  - NO
  - NO
  - YES
  - YES
  - NO
  - NO

---

**System Features**

- **Configuration:**
  - Right Hand Scrubber
  - Left Hand Scrubber
  - Right Hand Scrubber
  - Left Hand Scrubber
  - Right Hand Scrubber
  - Left Hand Scrubber

- **Oil Separator Included:**
  - YES
  - YES
  - YES
  - YES
  - YES
  - YES

---

**Product Information**

### Pumps

#### PRODUCT OVERVIEW

<table>
<thead>
<tr>
<th>Pump Number</th>
<th>Pump Model</th>
<th>Pump RPM</th>
<th>Pump Max CFM</th>
<th>Rec. Tank Size (Gal.)</th>
<th>Vacuum (Continuous)</th>
<th>Pressure (Continuous)</th>
</tr>
</thead>
<tbody>
<tr>
<td>968685</td>
<td>HXL75F</td>
<td>1000–1250</td>
<td>230</td>
<td>1500–2500</td>
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<td>968675</td>
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<tr>
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<tr>
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<td>Hydra CW</td>
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<td>407</td>
<td>2500–6000</td>
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<tr>
<td>969950</td>
<td>Hydra CCW</td>
<td>1000–1400</td>
<td>407</td>
<td>2500–6000</td>
<td>25</td>
<td>25</td>
</tr>
</tbody>
</table>

---

**System Features**

- **Configuration:**
  - Right Hand Scrubber
  - Left Hand Scrubber
  - Right Hand Scrubber
  - Left Hand Scrubber
  - Right Hand Scrubber
  - Left Hand Scrubber

- **Oil Separator Included:**
  - NO
  - NO
  - YES
  - YES
  - NO
  - NO

---

### Masport Plug & Play System Ordering

The Masport standardized part number format is designed to simplify the ordering process for our customers.

The format takes the following form:

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```
1 2 9 1 4 PCCW
```

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- `1 2 9 1 4` Bare system number (from the Plug & Play Systems Table)
- `P` Plastic Oil Reservoir Kit
- `CCW` Counter-clockwise Gearbox Drive Assembly with Rexnord Coupler Installed on Pump/System

Please note:

Customers do not have to order systems that contain all the elements. A bare system can be ordered as per the following examples:

- `1 2 9 1 4` (Titan Plug & Play System)
- `1 2 9 1 4 CCW` (a system with only a drive assembly)
- `1 2 9 1 4 S` (a system with only a Steel Oil Reservoir Kit)
Liquid Waste Pump Systems