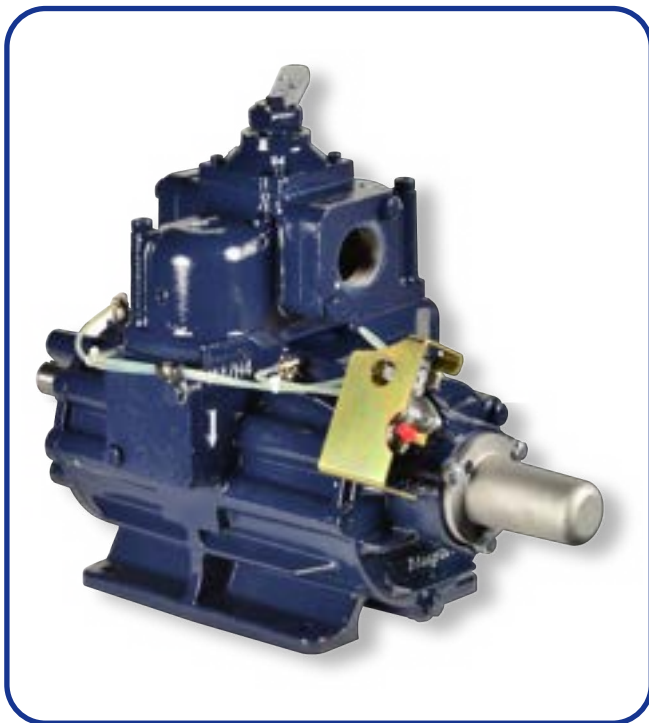


## Notice of Pump Model Transition

At Masport, our commitment to innovation is ongoing as we continuously enhance the design and manufacturing of our products. This dedication ensures we offer superior performance, increased durability, and simplicity in both usage and maintenance.

Our most recent advancement involves the **HXL Series** pumps, which are upgrading to the **HD Series** pumps. In the following pages, you will find a comparison between the two series, highlighting the enhancements we've implemented.

### HXL Series



### HD Series



### Unchanged Features

For all pump models, the footpring, shaft height, and cylinder size remain the same.

### Pricing Changes

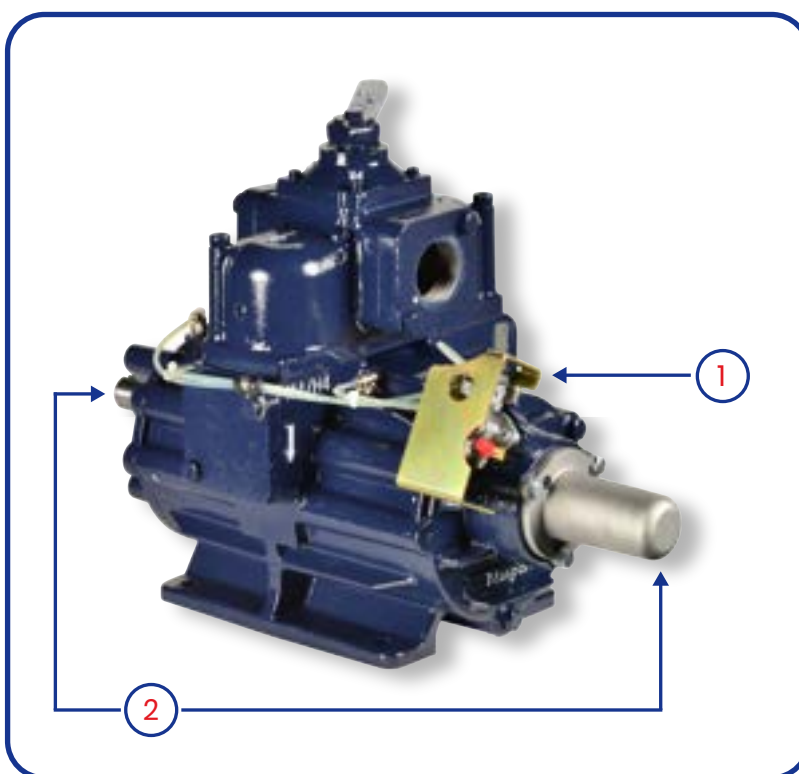
Due to the upgraded HD pump design, there will be a slight price increase between the old and new models. Please refer to our Online Store or Price List for updated pricing.

### HXL → HD

The HD Pumps are designed to be interchangeable with the HXL Series pumps, but it's important to note some key differences:

#### HXL Series

- 1 External automatic Mikuni oil pump.
- 2 Double shaft rotor to drive from either shaft end.



#### Pumps in this series include:

HXL2 (F and V), HXL3 (F and V), HXL4 (F and V), HXL75V, HXL75WV, HXL400WV

F indicates Vacuum Only without valve handle

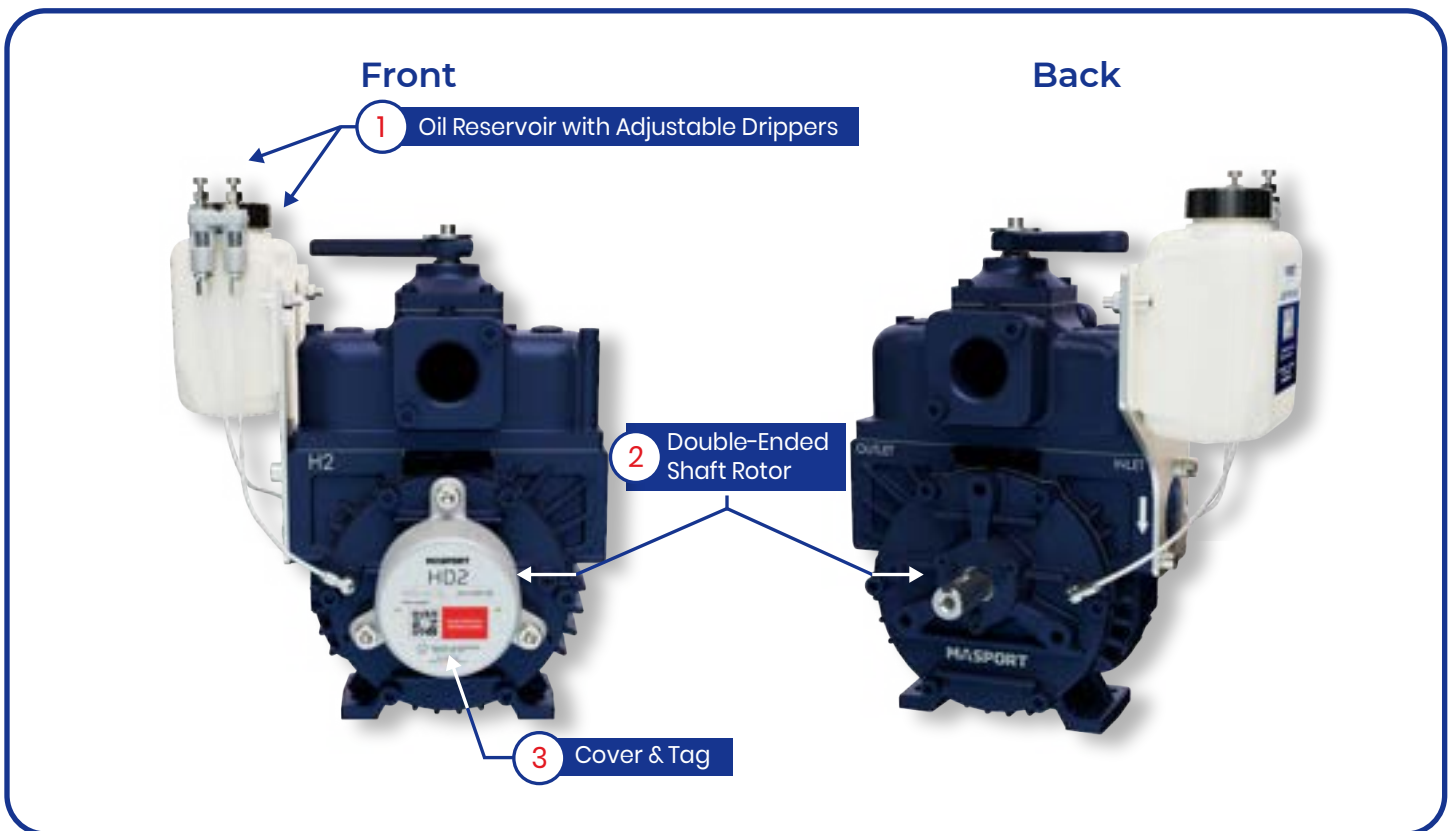
V indicates Vacuum and Pressure with valve handle for vacuum and pressure

WV indicates Water Cooled with valve handle for vacuum and pressure

### HD2 - HD3

#### *Replaces HXL2-HXL3 Series Pumps*

- ① Mounted Oil Reservoir and Dripper system (no automatic oil pump).
- ② Double shaft rotor to drive from either shaft with a rotation arrow cast in the pump housing indicating proper pump rotation.
- ③ Pump Cover and Tag with identifying markers for
  - Pump Name
  - Serial Number
  - RPM Range
  - QR Code directing you to:
    - Specs + Performance
    - Manuals
    - Replacement Parts



#### **Pumps in this series include:**

HD2 (F and V), HD3 (F and V)

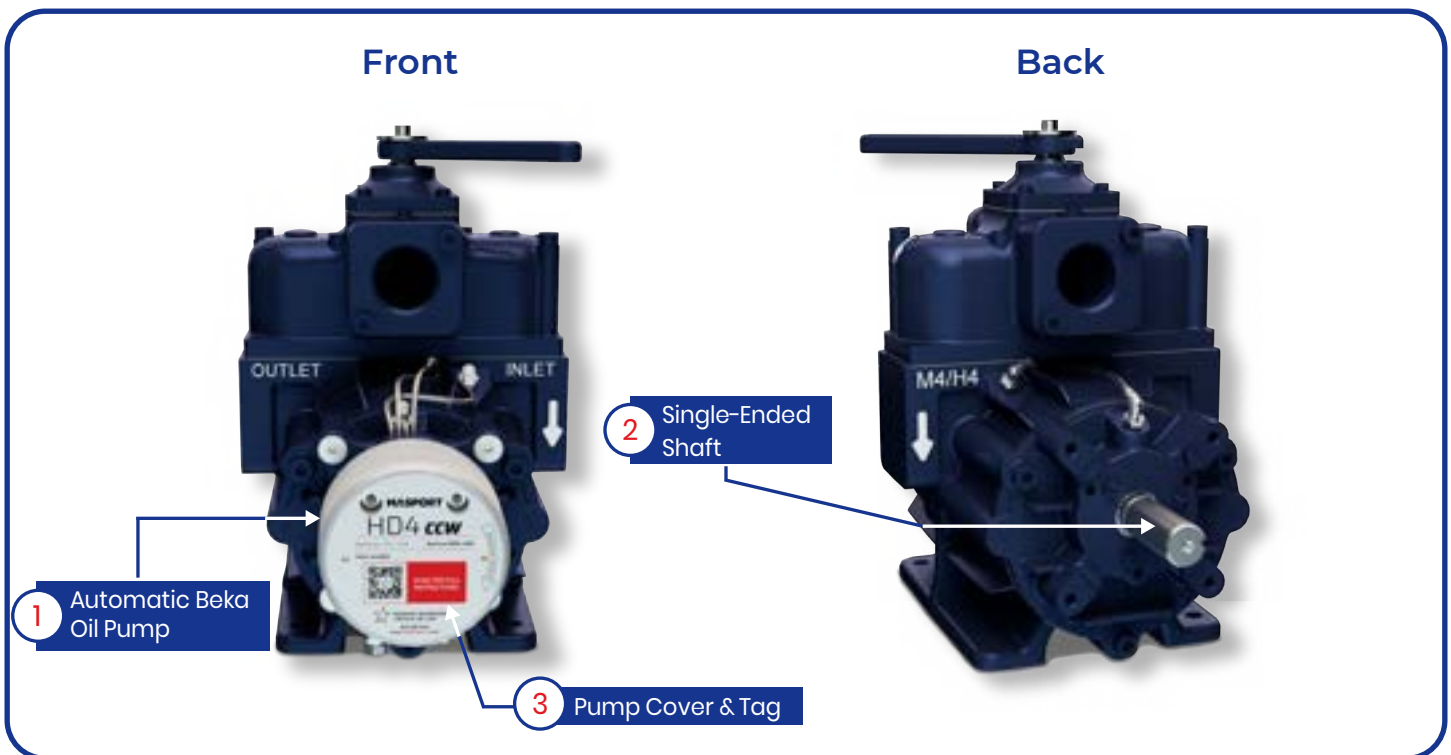
F indicates Vacuum Only, without valve handle

V indicates Vacuum and Pressure, with valve handle for vacuum and pressure

### HD4 - HD400WV - (CW or CCW)

*Replaces HXL4-HXL400WV Series Pumps*

- 1 Durable automatic Beka oil pump covered by a cap with a tag.
- 2 Single-shaft rotor accommodates one rotation or the other (CW or CCW). An arrow is cast in the housing and engraved on the pump tag, indicating the proper pump rotation.
- 3 Pump Cover and Tag with identifying markers for
  - Pump Name
  - Pump Rotation
  - Required Driveshaft Rotation
  - Serial Number
  - RPM Range
  - QR Code directing you to:
    - Specs + Performance
    - Manuals
    - Replacement Parts



#### Pumps in this series include:

HD4 (F and V) CW & CCW, HD75 (V and WV) CW & CCW, HD400W CW & CCW

F indicates Vacuum Only, without valve handle

V indicates Vacuum and Pressure, with valve handle for vacuum and pressure

W indicates Water Cooled with valve handle for vacuum and pressure

### Pump Rotation - *IMPORTANT*

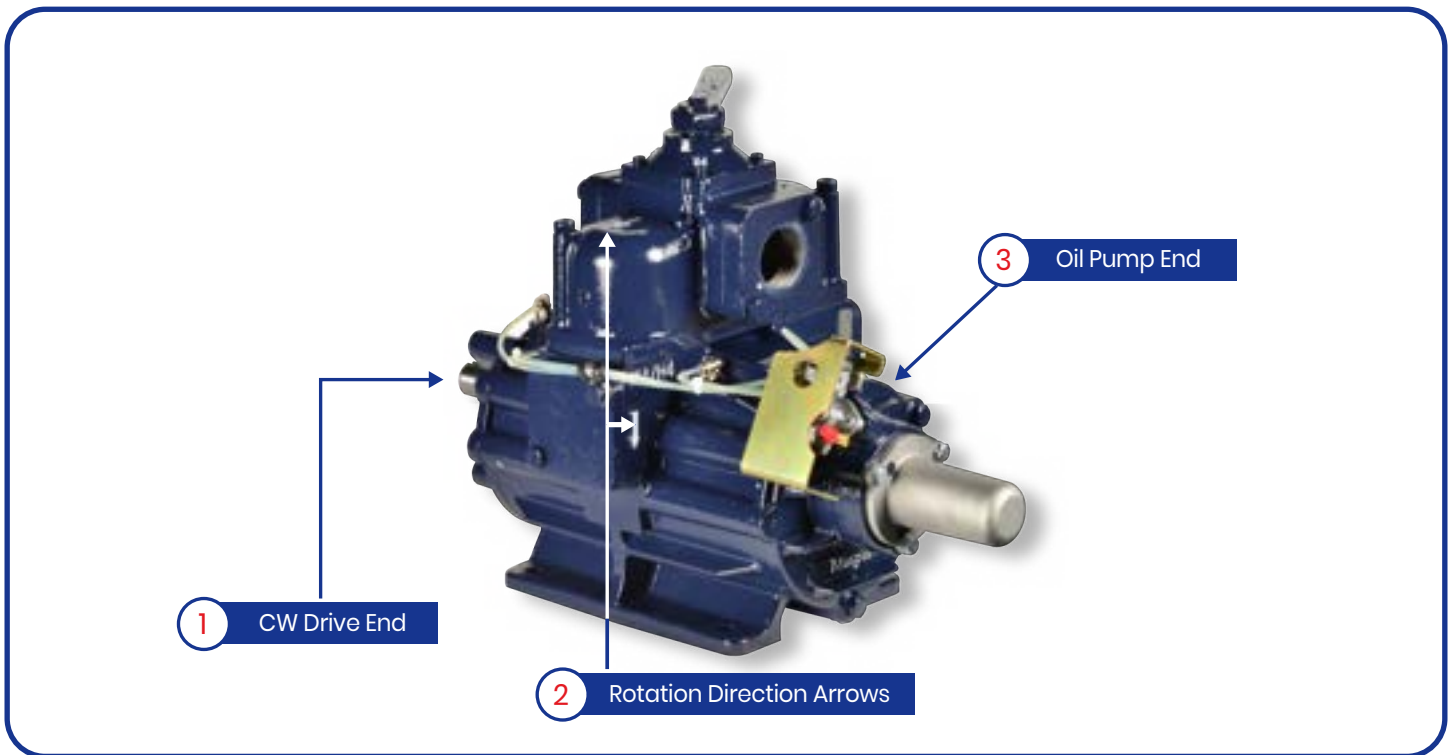
The HD4, HD75, HD75W, and HD400W pumps are all single shaft, rotation specific pumps. The pump features an arrow in the pump casting and a CW or CCW abbreviation on the front tag, indicating the correct rotation. These pumps must only rotate in the direction indicated on the tag or arrow.

**\*Ensure that the drive system direction corresponds to the direction shown on the pump tag\***

[Identifying PTO Rotation Document](#) < *Click to view*

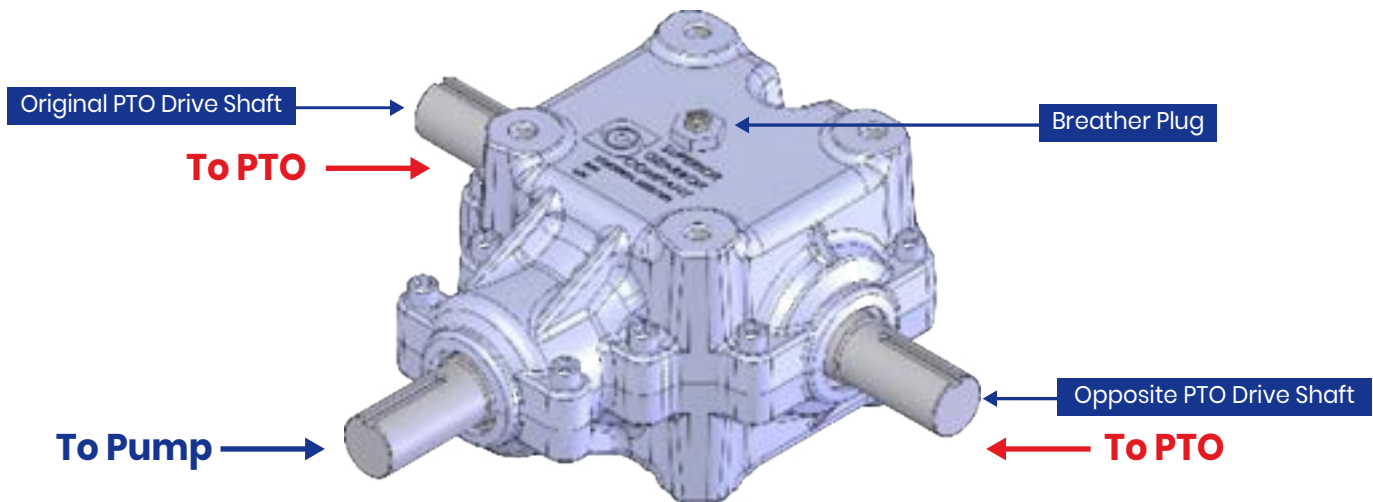
For fitting your new HD CCW pump to an installation that previously had a HXL pump driven from the CW drive end (non-oil pump side) the following steps will be required to correct the input direction.

### HXL CW Rotation Pump



### Gearbox Drive

To achieve the correct rotation, flip over the 90-degree gearbox to drive off the opposite output shaft which rotates in the opposite direction. To do this the breather and drain plug on opposite sides will need to be reversed.



### Hydraulic Drive

The hydraulic lines on either the hydraulic motor or the hydraulic control valve will need to be reversed to correct output rotation.

### Pump Replacement Parts

All HXL Series Pump Replacement parts are still available, with certain parts being interchangeable with the HD Series pumps. Replacement parts will be identified accordingly on the website. When in doubt, reach out to us directly and we can point you in the right direction.

