



**MAGISTER**  
**HYDRAULICS**








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**WE STAND BEHIND  
OUR PRODUCTS**





# ABOUT MAGISTER HYDRAULICS

	Magister Hydraulics has manufactured and supplied hydraulics since 1998. Our head office is located in Belleville, NJ with production facilities located in Europe.
	We specialize in the manufacturing of hydraulic cylinders, hydraulic gear pumps and other hydraulic components for various types of Original Equipment Manufacturers.
ISO	Magister Hydraulics factories operate under the ISO 9001:2015 quality certificate. We pride ourselves in only using high-quality materials and innovative technologies to produce top-quality, heavy-duty hydraulic products.
	Our manufacturing and design techniques provide product reliability in extreme environments from tundra to tropics.
	All products represented in the North American market comply with the US standards and include a hassle-free 1 or 2-year warranty.
	<div>EUROPE<span>→</span>UNITED STATES</div>



# VALUES



Lifelong relationships with clients



Flexible approach to customer needs



Deliver Promises



Consistent top quality products



We stand behind our products

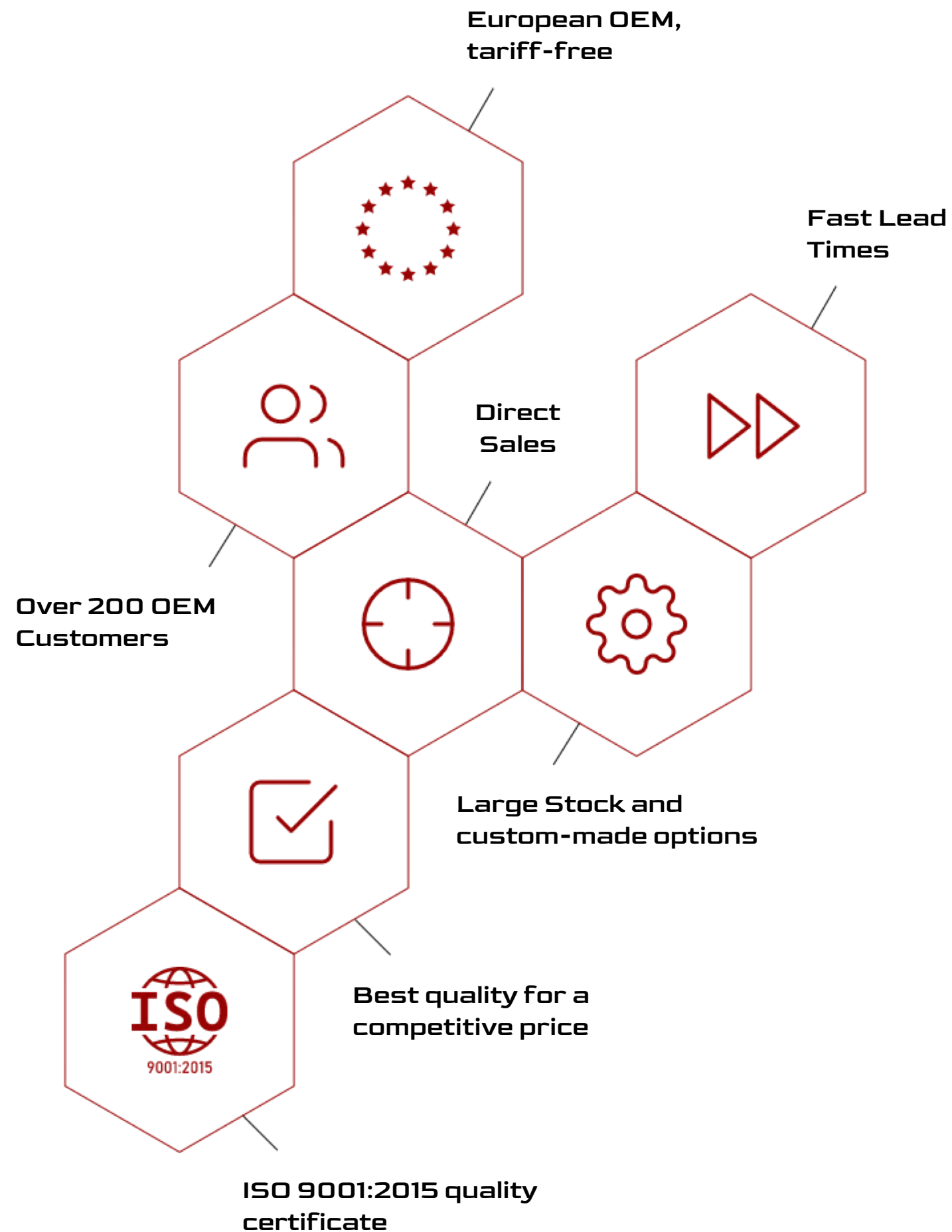


**Vision**

To help people lift, push, and pull their business.

**Mission**

To supply reliable hydraulics at an affordable price.



# QUALITY POLICY

**Magister Hydraulics Quality Policy is determined by the following principles:**

- ◆ Understanding and meeting the needs of our clients.
- ◆ Development of new and improvement of existing production technologies to establish the highest quality standards.
- ◆ Testing the product for the required working conditions.
- ◆ Increase the efficiency of our employees to meet quality requirements.
- ◆ Exact conformity of the product to the submitted drawings with dimensional control at every stage of product manufacturing.
- ◆ Quality control of all materials used in manufacturing.
- ◆ Compliance and continuous improvement of the quality management system based on the international standard ISO 9001:2015.





# DELIVERY

Magister Hydraulics has a well-developed logistics chain, delivering goods on time and with appropriate handling.

Air freight



Express delivery



Sea freight



Truck Freight



Fleet of own semi trucks



## DELIVERY CAN BE DONE BY:

- sea freight
- air freight
- truck freight
- express delivery
- a fleet of own semi trucks

# TECHNOLOGY

## Components

At Magister Hydraulics we have all the main essential components for hydraulic cylinders and other hydraulic products (gear pumps, control valves, power units) with exceptional attention and precision (from metal processing to assembly and painting).



## Equipment

Products are built using modern equipment

DN solutions - CNC turning and milling machines

Lincoln Electric - welding equipment

**DN**SOLUTIONS

**LINCOLN**  
ELECTRIC

## Production

In production, we use honed tubes, chrome-plated bars, and sealing components directly from industry-leading suppliers:

NIMET - chrome plated bars

Marcegaglia - honed tubes

ALP Kaucuk - hydraulic seals



## Best Practice

Magister Hydraulics uses the best European practices in the production of cylinders.

Steel durable piston and steel threaded gland with top quality nylon glass guide rings along with 5-component compact piston seals, provide extra durability and efficiency of the cylinders in comparison to any regular ductile iron components.

All of the cylinders are put through a pressure test at 150% of working pressure before prior to final inspection.

## Painting

Painting is performed on industrial equipment with the requirements for protective coating.



# HYDRAULIC CYLINDERS

**OPTIONS:**

**Bore:**  
1.5 - 7"

**Rod:**  
1 - 4"

**Stroke:**  
1 - 120"

**Pressure:**  
1500 - 4500 PSI.

**Temperature:**  
-65 F - +300 F

**Cross tube  
Cylinders**



**Tie Rod  
Cylinders**



**AG Clevis  
Cylinders**



**Tang  
Cylinders**



**Clevis End  
Cylinders**



**Swivel Eye  
Cylinders**



**Pin Eye  
Cylinders**



**Loader  
Cylinders**



**Snow Plow  
Cylinders**



**Log Splitter  
Cylinders**



**Universal  
Cylinders**



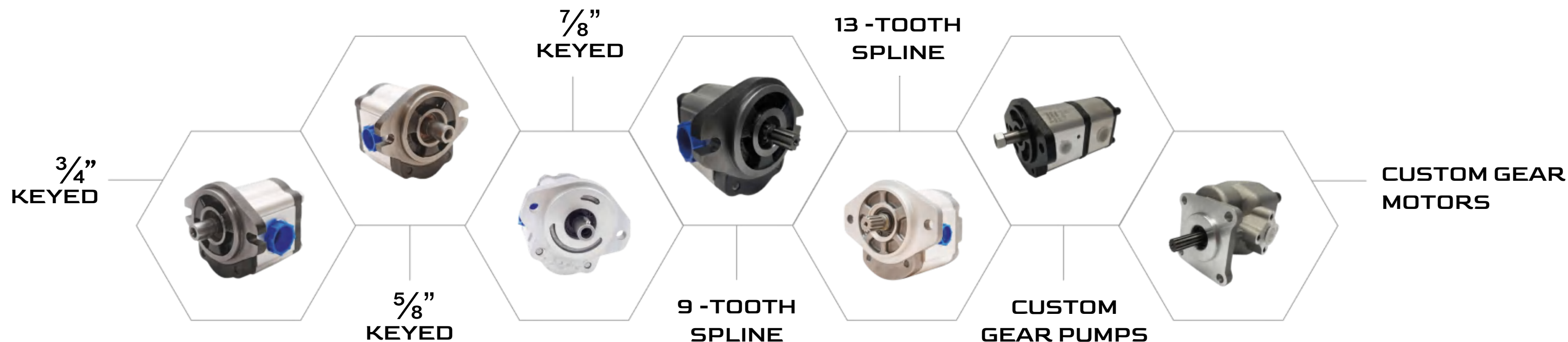
**BENEFITS:**

- ✪ Made in Europe, Tariff-Free
- 💰 Highly competitive pricing
- ★ High-quality European materials

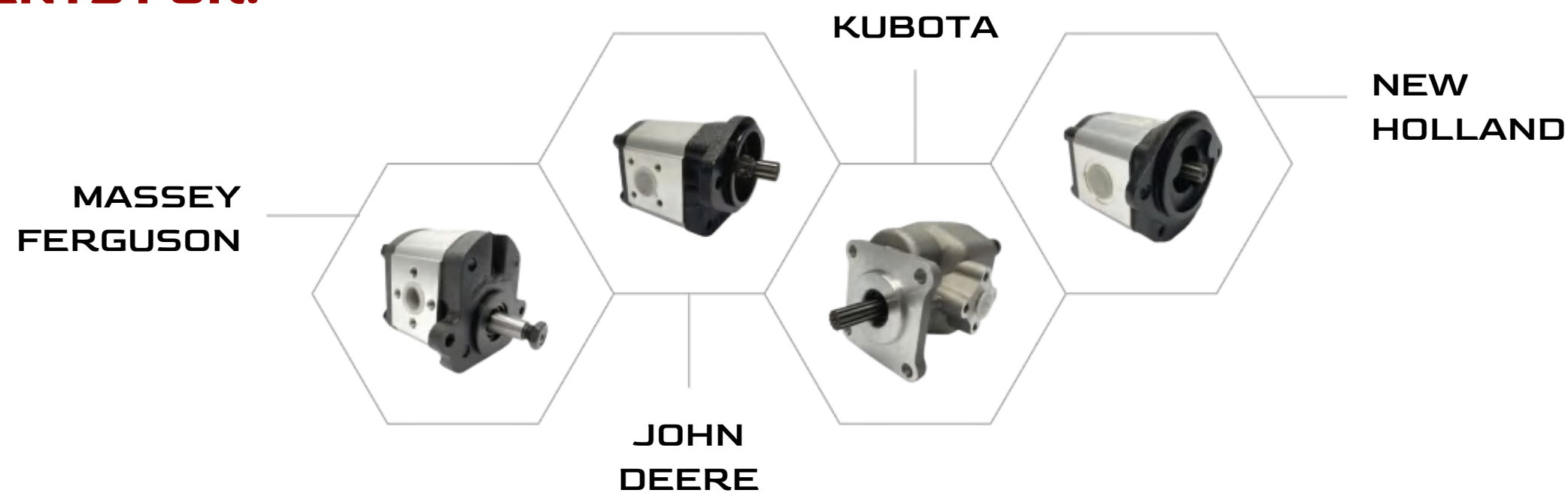
- ☑ Exceptional quality control
- 🛡 2-year limited warranty
- 🕒 All of the standard cylinders are in stock in New Jersey and are shipped on the same day if the order is placed before 3pm EST.

- 🚚 Free ground shipping is included within Continental US.
- 🔗 Custom cylinders
- 📦 Supreme cylinder design features

# GEAR PUMPS



## AFTERMARKET REPLACEMENTS FOR:



## BENEFITS:

- % Volume discounts for bulk purchases, tariff-free
- ☆☆☆☆ High Quality, Made in Europe
- 🛡️ 1-year warranty

[Gear Pumps Catalog ↗](#)

# DIRECTIONAL CONTROL VALVES

## OPTIONS:

- Spools: 1-6
- GPM: 11-32
- PSI: up to 3600

MONOBLOCK  
VALVES



CUSTOMIZED  
VALVES



12V, 24V DC  
SOLENOID VALVES



SECTIONAL  
CONTROL VALVES



CONTROL VALVES  
FOR LOG SPLITTER



## BENEFITS:

Made in the EU with US standards

Operating temperature: -40 - 140F

1-year warranty

Tariff-free, competitive price



# HYDRAULIC POWER UNITS

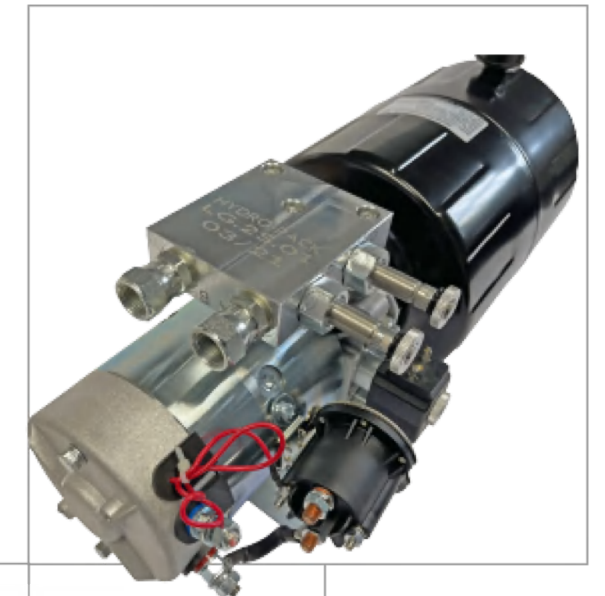
FOR DUMP TRAILERS



FOR SNOW PLOWS



FOR LOG SPLITTERS



FOR LIFT GATES



FOR WHEELCHAIR  
LIFTS



CUSTOM POWER UNITS



**OPTIONS:**

**Voltage:**  
12/24 DC

**Pressure:**  
2500-3000 PSI

**Oil Tank:**  
4-12 quarts plastic/steel

**Action:**  
Single/Double Acting

**OEM:**  
Custom Power Units

# OTHER HYDRAULICS

Magister Hydraulics provides various types of hydraulic equipment and repair parts with high-quality, affordable prices, custom options, and on-time delivery.

**HAND PUMPS**



**ORBITAL MOTORS**



**HOSE ASSEMBLIES**



• ORBITAL MOTORS • GEAR MOTORS • HAND PUMPS • HOSE ASSEMBLIES • FITTINGS & ADAPTERS • CONTROL VALVE KITS

And any other hydraulic equipment with custom options, depending on your request



# GET IN TOUCH

 **973-344-5313**

**Magister Hydraulics Catalog 2024** 

**MAGISTER  
HYDRAULICS**

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