



HIDROMAS

SINCE 1975
50TH
YEAR ANNIVERSARY

Made for more

LIFTS THE IMPOSSIBLE



COMPLETE HYDRAULIC SOLUTIONS
FOR TIPPING APPLICATIONS

TIPPING CYLINDERS | GEAR PUMPS | HYDRAULIC POWER PACKS | CONTROL VALVES | OIL TANKS | TIPPING KITS

The Journey Continues

The journey which started 50 years ago is still equally vibrant.

HIDROMAS credibility in the market goes beyond the numbers of delivering globally more than 500,000 Cylinders, 2,800,000 Pumps, and other aggregate items of Truck Hydraulics.

HIDROMAS has built its credible presence in all corners of the country with its robust network. Product and Service offering with humility is the HIDROMAS hallmark, making the company distinctly different than other established players.

1977

Gear Pump Production Launched for the Truck Industry

1975

Recognized as the No.1 brand in Turkey

2009

Hidromas India Established

1983

Telescopic Cylinder Production Launched

2014

Relocated to a New Manufacturing Facility in Türkiye

2011

Manufacturing Operations Begin in India

2017

Manufacturing Facility Established in Brazil

2016

Global Headquarters Established in the Netherlands

2024

Advanced Machine Technology Upgrade

2018

Warehouse Operations Launched in Poland and Germany

2026

Celebration of 50th Anniversary at IAA, reinforcing our presence at European OEM Customers

2025

Celebrating 50 Years of Innovation, Trust & Excellence



Building Nation

Hidromas: Redefining Hydraulics Since 1975
For nearly five decades, Hidromas has led the hydraulics industry with innovative truck-tipping solutions. With headquarters in The Netherlands and manufacturing sites in Turkey, India, and Brazil, we serve over 70 countries through our global sales network.

Global Reach and Unmatched Quality
Expanding rapidly in Europe, we have warehouses in Germany and Poland and partnerships with industry giants. Our production capacity exceeds 102,000 cylinders and 200,000 components, making us the fastest-growing Tipping Hydraulics company.

Smart, Efficient, and Durable Solutions
Our products provide exceptional value to truck owners, offering efficiency and durability for mining, construction, and long-haul transportation. We ensure profitability and top performance throughout the lifespan of our products.



Manufacturing Excellence
Unlike the competition, our core specialization is manufacturing tipping hydraulic solutions for the automotive industry, and we are proficient at it.



Customer First
At Hidromas, customers' needs and priorities are considered first for developing innovative solutions.



Automation
To maintain competitiveness and achieve high precision, Hidromas has always embraced automation. Our products are manufactured with minimal human intervention, ensuring consistent quality and precision.



Global Local Experience
Through over 5 decades of experience across different geographies, climatic conditions, and application areas, Hidromas has fine-tuned its products to meet users' needs globally.



Responsiveness
We care for our customers, and getting their job done is our priority. With our responsive 24x7 customer service support, we ensure issues are resolved in the minimum possible time.



The company's over four decades of Engineering Excellence date back to 1975, when it began as a Pump manufacturer for the Automobile industry in Turkey. From there, the business grew into one of the world's largest suppliers of Tipping Hydraulic Solutions across five continents. With a new head office in the Netherlands, Hidromas became part of HMS Global in 2015. As a global company with a vision to become the international market leader, Hidromas now offers its products in over 70 countries through three state-of-the-art manufacturing facilities in Turkey, India, and Brazil.

In 2009, Hidromas India was established as the company's first overseas manufacturing facility outside Turkey, and in 2017, the second was inaugurated in Brazil.

As of 2018, Hidromas Global is proud to be able to offer its products to the European market with its offices and warehouses located in Germany and Poland.

In 2022 Hidromas Global achieved the production of 1,000,000 cylinders and continues its success.

VISION

Creating a long-term sustainable, profitable, and value-driven organization to best serve our employees, customers, and partners while achieving the highest level of customer satisfaction in the industry.

VALUES

- Excellence in Everything We Do
- Integrity and Transparency
- Customer Focus
- Employee Orientation

MISSION

To provide our customers around the world with the highest-quality and most reliable products and services, building on our history of manufacturing excellence and technological innovation.

To provide work environments where our employees can achieve their full potential and thrive in a culture of excellence.

In all interactions with our business partners and associates, we strive to maintain the highest standards of integrity and transparency.



Cylinder – Hidromas Advantages

All stages are Hard Chrome plated min. 25 mic. as standard.

Bigger diameter than the competitor allows the truck to lift with more thrust force and ensures stronger side load resistance.

Manufacturing process is done by robot application with continuously high quality control methods.

All processes of the cylinders, including chrome process, are produced in our own factory with 100% quality control.

High-quality European brand sealing system ensures that tipping cylinders work efficiently at high pressure and in ambient temperatures between -30°C and +55°C.

High-strength raw material and high-alloy steel to withstand high pressure and side loads.

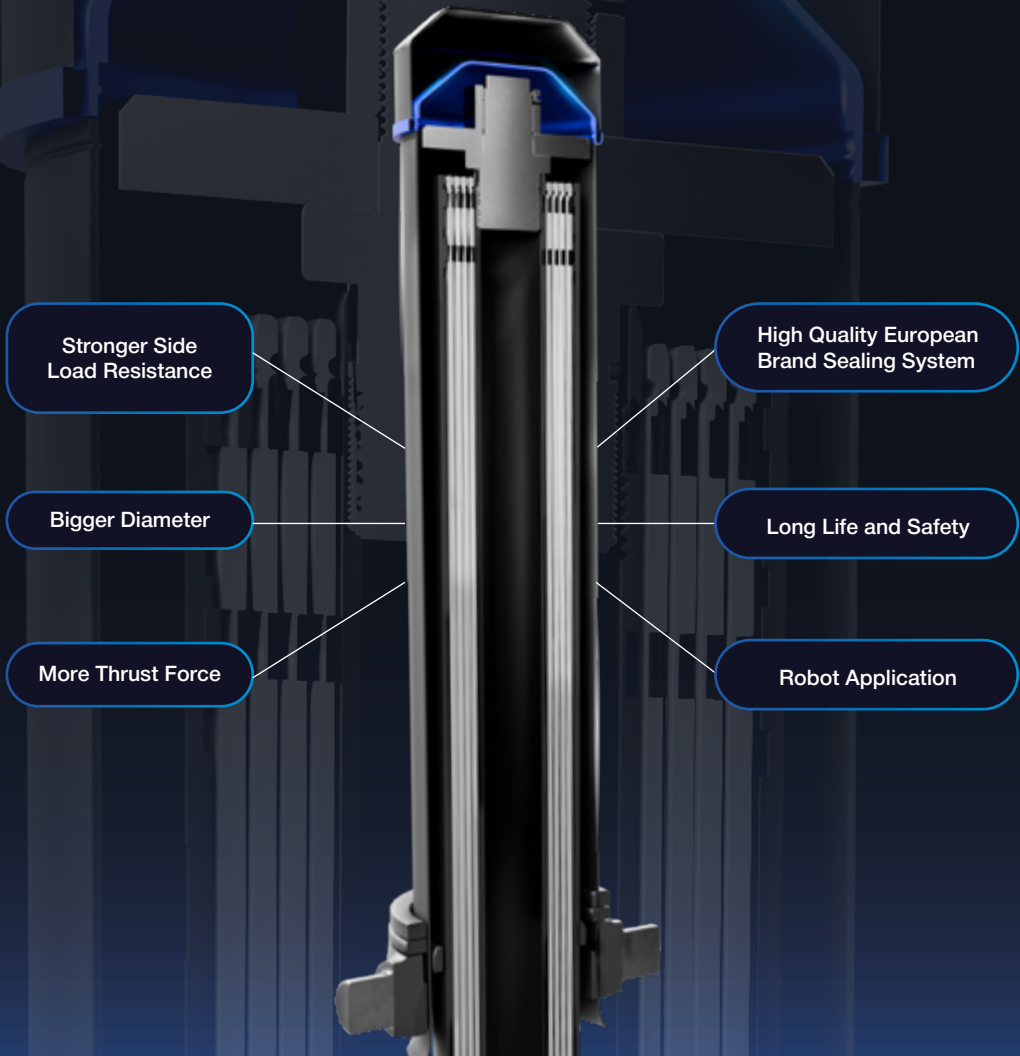
Heat-treated rings and auxiliary child items to achieve longer service life and enhanced safety.

Induction-hardened pin connections ensure long maintenance life.

High-strength forged components connected with the chassis and truck body for safer tipping operations.

Custom stroke lengths can be manufactured on demand, with a wide range of diameter and stroke combinations to meet industry requirements.

More payload at the same pressure level compared to competitors.



All stages are
Hard Chrome plated
as standard



Chrome Plating 100%
in-House process



Integrated Production Line
with Automation



Popular Cylinders

Model	Stroke Length	Mounting Length
135-4-4540H	4540	343
155-4-4520H	4520	343
155-4-4980H	4980	343
155-4-5400H	5400	343
175-4-4520H	4520	343
175-4-4850H	4850	343
175-5-4500H	5400	343
175-5-5830H	5830	343
175-5-6230H	6230	343
175-5-6830H	6830	343
175-4-7135H	7135	343
175-5-8200H	8200	343
197-5-6200H	6200	343
197-5-7000H	7000	343



FC

Best suited for longer tipper bodies and tip-trailer applications, ensuring best-in-class stability. A special version with a short cover is also available for tip bulker applications.



135-4-4320C	4320	1370
135-4-4980C	4980	1538
155-4-4600C	4600	1520
155-4-4980C	4980	1528
155-4-5400C	5400	1670
175-4-4600C	4600	1488
175-4-4960C	4960	1577
175-5-5200C	5200	1355
175-5-5630C	5630	1570
175-5-5830C	5830	1470
175-5-6230C	6230	1577
175-5-6830C	6830	1670
175-5-7035C	7035	1738
197-5-6200C	6200	1575
197-5-7026C	7026	1735



FE

Most versatile and value-for-money solution, from small tippers to large tip-trailers.



115-5-1200K	1200	199
135-4-1700K	1700	167
135-5-1850K	1850	174
135-5-2150K	2150	174
155-4-2544K	2544	220
155-4-2470K	2470	176
155-5-2955K	2955	240
155-7-1624K	1624	246
175-5-2550K	2550	202
197-7-1848K	1848	220
197-5-3425K	3425	220



UBS

Underbody telescopic cylinders suitable for small LCV tippers or side tippers.



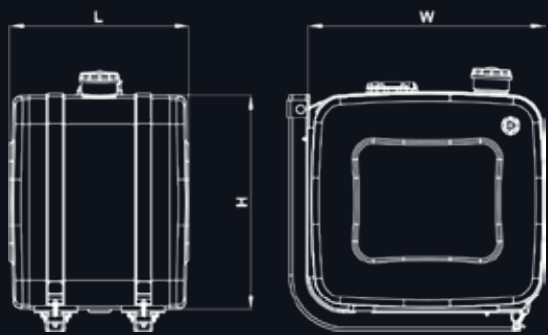
Hydraulic Oil Tanks

Aluminium or Stainless Steel

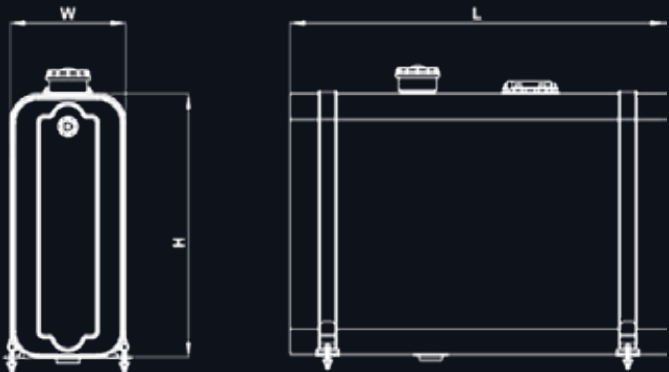
Volume from 60 to 220 Liters

Side Mounting

including strap kit, filler cap, air filter and oil filter



HxW (mm)	420 x 520		560 x 640		620 x 670				690 x 690	
L (mm)	400	600	400	600	300	400	500	600	500	400
V (lt)	75	110	120	190	110	150	180	220	200	160



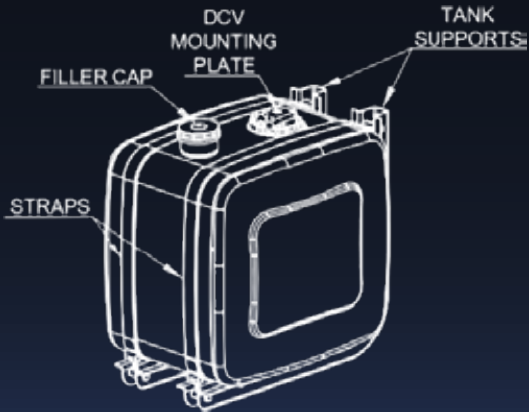
Aluminium or Stainless Steel

Volume from 60 to 220 Liters

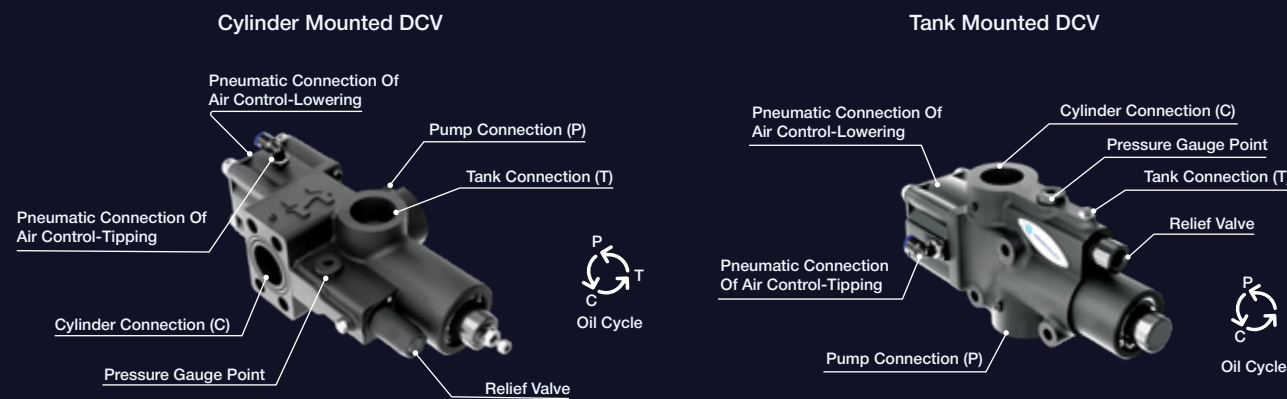
Rear Mounting

Including strap kit, filler cap, suction adaptor-stopcock air filter and oil filter

HxW (mm)	410 x 310		510x 310					700 x 250	650 x 320		520 x 420	
L (mm)	600	1150	680	850	1000	1100	1250	700 850	650	900	890	1100
V (lt)	65	125	90	190	135	150	180	95 120	120	170	160	200



Directional Valve Control



Specifications:

Displacement : 140 lpm and 235 lpm
Operating Pressure : 170-250 Bar
Pneumatic Operation Pressure : 6-10 bar (8 bar ideal)
Oil Type : Mineral oil (DIN 51524/51525)
Operation Oil Temp. : -25-80°C
Recommended oil Viscosity : 12-100 cSt
DCV Type : Open Loop (pressureless bypass in neutral position)



Air Control Valve

The valve performance and leak are tested at 10 bar.
The outer exhaust connection is equipped with a brass silencer M5.
The air connections are equipped with straight connections of 1/8 BSP x 6 mm
Display of operating directions (up and down) on the rotary knob.
Automatic switch off the PTO shaft when lowering



Body Fix

The system creates a strong connection between the tipper body and the chassis.
It avoids unnecessary wear of the kippers while driving.
It reduces noise pollution.

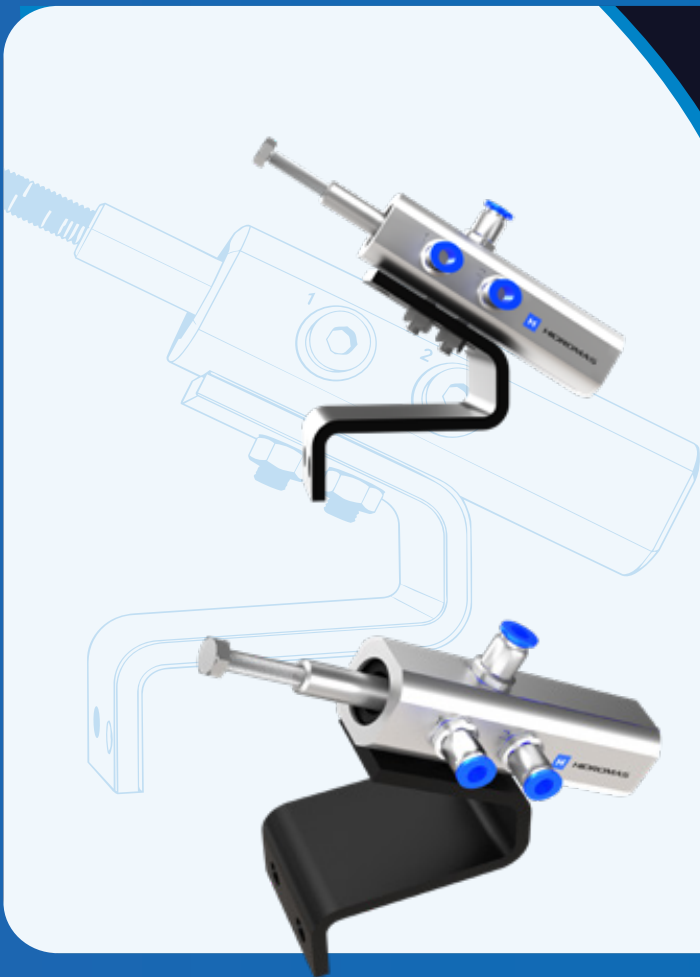
- STRONG CONNECTION**
Creates a strong and secure connection between the tipper body and chassis for safer operation.
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Knock off Valve

The system creates a strong connection between the tipper body and the chassis.
It avoids unnecessary wear of the kippers while driving.
It reduces noise pollution.

- CONTROLLED TIPPING**
Provides accurate hydraulic control for efficient tipping operations.
- ENHANCED SAFETY**
Prevents unintended hydraulic movement for safer operation.
- ROBUST DESIGN**
Engineered to withstand demanding operating conditions and heavy-duty use.



TIPPING KIT

Factory made ready to use!

Hidromas tipping kit includes cylinders with mounting parts, a hydraulic tank with filter and mounting parts, direction control valves, an air control valve, hose and adapters, a body lock, and a hydraulic pump.

Hidromas offers a wide range of tipping kits that suit the lifting capacity and tipping angle requirements for different types of payloads.



Air Control Valve



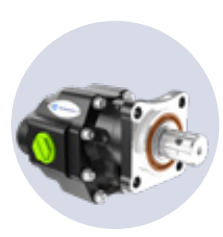
Knock Off valve



Body lock



Directional Valve Control



Gear Pump

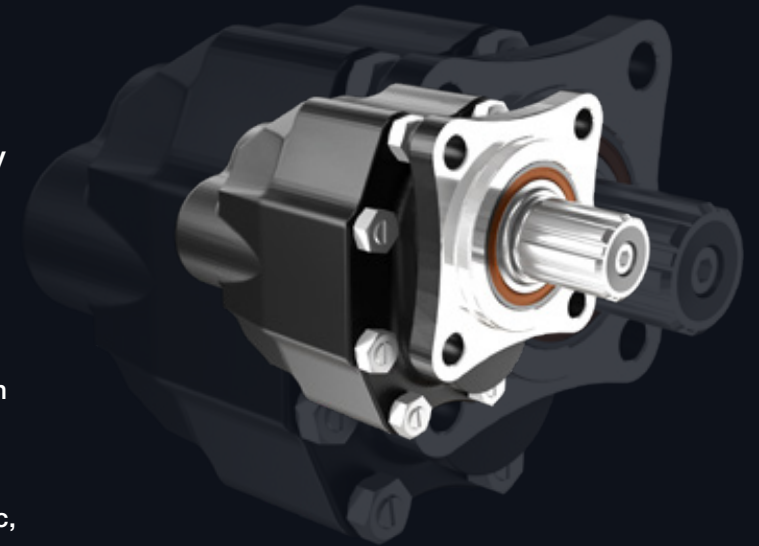
PUMP

We are Designer and one of the Leading Manufacturer of Pumps for Truck Industry

Hidromas Gear Pumps are widely used for Tipper and Tip-Trailer applications and also for Garbage Compactor solutions.

Hidromas produces only a bi-direction 4-hole mounting pump, which can be mounted directly in the PTOs or can be mounted through Propeller Shaft.

Hidromas Global produces 15cc, 25cc, 35cc, 45cc, 65cc, 82cc, 105cc and 125cc gear pumps.



STANDARD PUMP

These Pumps are recommended for Dual Axis PTO.

ECO PERFORMANCE PUMP

These Pumps can be coupled with Co-Axial PTO without bearing or Dual Axis PTO with Bearing.

BENT AXIS PISTON PUMP

These High-Pressure pumps are a solution for Truck Mounted Loader Cranes, Hook Loaders, and many other mobile applications.

Hidromas Global produces 35cc, 45cc, 55cc, 65cc, 85cc and 105cc bent axis pumps.

Hidromas Pumps Advantages

- Through unique design, the pumps fulfill the customer's demanding operating conditions.
- Use of high-quality components ensures maximum efficiency and optimized service life.
- Special cast pump housing material resists high pressure and provides long-lasting durability.
- Close gear tolerances ensure higher volumetric efficiency and precise flow control.
- High-quality sealing system prevents internal leakage and minimizes flow loss.
- Heavy-duty pump designed to operate in temperatures from -30°C to 80°C.
- Withstands demanding applications, including mining operations.





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Uniform Quality



Product Liability and Safety



On Time Delivery



Effective Service Network

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