



CUSTOMER DRIVEN • UNSURPASSED VALUE



ICM of America Internet Sales 800-877-4571 Ext. 2010

PUMPS

RELIABLE • FLEXIBLE • AVAILABLE • DURABLE

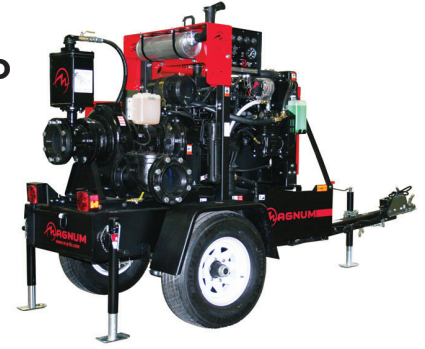
CUSTOMER SUPPORT 24/7/365

Open Dry Prime Trash Pumps

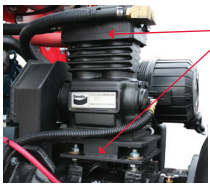
MTP4000D, MTP6000D ADVANCED FEATURES:

- 110 GALLON FUEL CAPACITY
- HANDLES UP TO 3" SOLIDS
- ENCLOSED STAINLESS STEEL IMPELLER
- MINIMUM 24 HOURS RUN TIME
- VENTURI PRIMING SYSTEM
- PATENTED FLIP-TONGUE TRAILER DESIGN
- SHIM LESS COMPRESSOR BELT TENSIONING FOR EASIER ADJUSTMENT AND LONGER BELT LIFE

MTP4000D



MTP6000D



Shimless, screw adjustment for easier compressor belt tensioning and longer belt life

CP750 Digital Controller for engine function monitoring and protection (required for floats)

Magnum Dry Prime Pumps deliver exceptional reliability to help you get the job done.

Priming Chamber containing float ball and SST linkage

Oil Bath Mechanical Seal Reservoir – visually easy to monitor fluids cooling mechanical seal for Run Dry Option

Threaded Flange Inlet 4", 6"

3-point Jack Stands for added Stability (2 side and 1 tongue jack)

External Emergency E-Stop for operator safety

Manual Holder – easy protected access

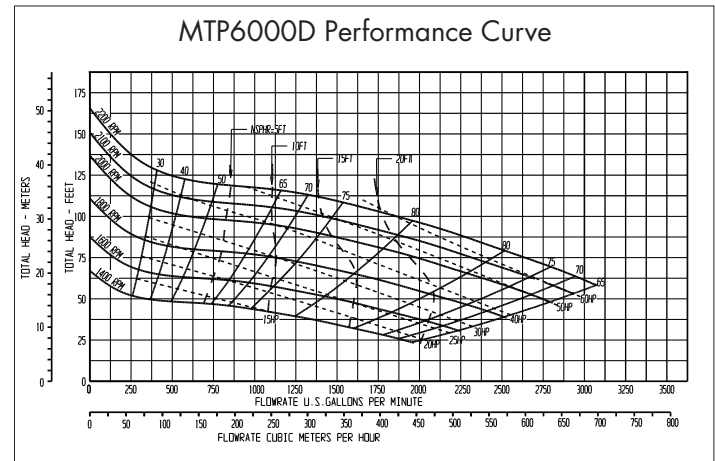
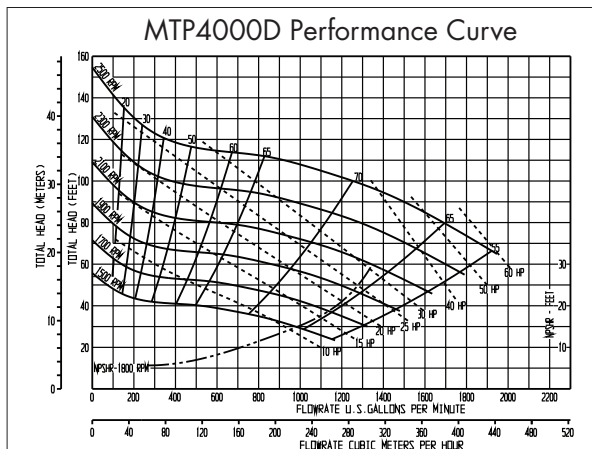
Threaded Flange Outlet 4", 6"

Construction: Magnum Dry Prime Pumps are built to withstand the rugged conditions and rigorous use common to construction sites. Our superior materials and workmanship ensure your dewatering and sewer bypass processes keep running.

Oil and Gas Industry: You can depend on Magnum Dry Prime Pumps in the toughest of conditions. Select our high-capacity, vacuum assisted centrifugal pumps for drilling mud and water transfer with rapid unattended priming and re-priming.

Discharge Check Valve for priming and quick repriming

Suction Relief Ball Valve for simple hose removal



Specifications	MTP4000D	MTP6000D		MTP4500FH
Flow				
Max. Capacity gpm (Lpm)	1940 (7343)	3050 (11546)		1940 (7343)
Total Dynamic Head ft (m)	154 (46.9)	165 (50.2)		154 (46.9)
Max. Operating Speed rpm	2500	2300		2500
Max. Solid Diameter in (mm)	3 (76.2)	3 (76.2)		3 (76.2)
Max. Lift Suction ft (m)	28 (8.5)	28 (8.5)		28 (8.5)
Sound dB(A) 23' @ prime	80	80		80
Pump				
Brand / Model	Pioneer Pump Inc	Pioneer Pump Inc		Pioneer Pump Inc
Fitting Size in	4" NPTF	6" NPTF		4" NPTF
Impeller Material	CA6NM Stainless Steel	CA6NM Stainless Steel		CA6NM Stainless Steel
Impeller Diameter in (mm)	8.25 (210)	10 (254)		8.25 (210)
Volute Casing Material	ASTM A536 Ductile Iron	ASTM A536 Ductile Iron		ASTM A536 Ductile Iron
Shaft Material	Lasalle stressproof	Lasalle stressproof		Lasalle stressproof
Wear Plate Material	ASTM A536 Ductile Iron	ASTM A536 Ductile Iron		ASTM A536 Ductile Iron
Engine				
Brand	Deere	Deere (export only)	Kubota	Deere
Model	PE4024TF281 IT4	PE4024HF285 Tier 3	V3600E3BKEA3 IT4	PE4024TF281 T4
Type	liquid cooled, 4-stroke, 4 cylinder	liquid cooled, 4-stroke, 4 cylinder		liquid cooled, 4-stroke, 4 cylinder
Operating Speed rpm	2200	2200	2200	2200
Power @ Operating-Continuous hp (kW)	52 (38.9)	74 (55)	57.3 (42.7)	52 (38.9)
Fuel	Diesel	Diesel	Diesel	Diesel
Starting Method-Battery V(Qty)/Rating	12V(1) / 720CCA	12V(1) / 720CCA	12V(1) / 720CCA	12V(1) / 720CCA
Controller	Analog Gauge	CP600 Digital	CP750 Digital	CP750 Digital
Capacities				
Fuel Tank Capacity gal (L)	110 (416)	110 (416)	110 (416)	110 (416)
Fuel Consumption-100% load gph (Lph)	2.0 (7.6)	2.11 (7.99)	2.9 (11)	2.0 (7.6)
Maximum Run Time (hr)	48	34	34	48
Dimensions/Weight				
Skid Mount (l x w x h)	82" x 35" x 60"	82" x 35" x 60"		95" x 35" x 55"
Dry Weight lbs (kg)	2346 (1064)	2588 (1173)	2897 (1314)	2491 (1130)
Operating Weight lbs (kg)	3138 (1423)	3380 (1533)	3987 (1808)	3283 (1489)
Trailer Mount (l x w x h)	138" x 57" x 78"	138" x 57" x 78"		150" x 57" x 74"
Dry Weight lbs (kg)	2896 (1314)	3138 (1423)	3451 (1565)	3041 (1379)
Operating Weight lbs (kg)	3688 (1673)	3930 (1782)	4546 (2062)	3833 (17939)
Trailer				
Tongue	Patented Flip-Tongue	Patented Flip-Tongue		Patented Flip-Tongue
Axle lbs (kg)	1-5000 (2268)	1-5000 (2268)		1-5000 (2268)
Tires in	15	15		15
Brakes	Surge	Surge		Surge
Standard Hitch	2" ball	2" ball		2" ball

Dry Prime Trash Pump – MTP4000D, 6000D, 4500FH, 6500FH

Standard Features Dry Prime

- Dry prime centrifugal pump – 4" and 6"
- Flows up to: 4" – 1940gpm, 6" – 3050gpm
- Heads up to: 4" – 154' TDH, 6" – 165' TDH
- 110 gallon fuel tank with gauge for up to 48 hour run time

- Central lift point for easy transport
- Trailer – standard/easily detachable
- Front and (2) rear stabilizing jacks
- Warranty – 1 year unlimited hours, 2 years 2000 hours

Engine Options

- Fuel transfer pump
- Low coolant shutdown

Fitting Options – Inlet & Outlet

- Ball & lock ring – 4" & 6"
- Galvanized male socket – 4" & 6"
- Cam & groove female coupler – 4" & 6"
- Cam & groove male coupler – 4" & 6"
- NPT 45° male/female weldment – 4" & 6"

Controller Options

- CP750 Controller – MTP6000D John Deere engine only (required for float applications)

Trailer Options

- 3" lunette ring
- 2 5/16" ball
- Electric Brakes

Electrical Controls Options

- Low fuel warning/shutdown

Float Options

- Remote start float switch (MTP4000D)

DRY PRIME DIESEL TRASH PUMP

WET PRIME DIESEL TRASH PUMP

MTP6500FH		MTP4000S		MTP6000S	
3050 (11546)		1150 (4353)		1720 (6510)	
165 (50.2)		140 (42)		165 (50.3)	
2300		2000		2300	
3 (76.2)		3 (76.2)		3 (76.2)	
28 (8.5)		25 (8)		28 (8.5)	
70		79		80	
Pioneer Pump Inc		Pioneer Pump Inc.		Pioneer Pump Inc.	
6" NPTF		4" NPTF		6" NPTF	
CA6NM Stainless Steel		ASTM A536 Ductile Iron		ASTM A536 Ductile Iron	
10 (254)		9.75		11.5	
ASTM A536 Ductile Iron		ASTM A536 Ductile Iron		ASTM A536 Ductile Iron	
Lasalle stressproof		17-4 PH Stainless Steel		17-4 PH Stainless Steel	
ASTM A536 Ductile Iron		ASTM A48 Ductile Iron		ASTM A48 Ductile Iron	
Deere (export only)		Deere		Deere (export only)	
Kubota		Kubota		Kubota	
PE4024HF285 Tier 3		PE4024TF281 IT4		PE4024HF285 Tier 3	
V3600E3BKEA3 IT4		V3600E3BKEA3 IT4		V3600E3BKEA3 IT4	
liquid cooled, 4-stroke, 4 cylinder		Liquid cooled, 4 stroke, 4 cylinder		Liquid cooled, 4 stroke, 4 cylinder	
2200		2000		2200	
39 (29)		50.0 (37.1)		74 (55)	
Diesel		Diesel		Diesel	
12V(1) / 720CCA		12V(1) / 720 CCA		12V(1) / 720 CCA	
CP600 Digital		Analog Gauge		CP600 Digital	
110 (416)		110 (416)		110 (416)	
2.11 (7.99)		2.0 (7.6)		2.11 (7.99)	
34		48		34	
95" x 35" x 55"		82" x 35" x 60"		82" x 35" x 60"	
2733 (1240)		2407 (1091)		2784 (1263)	
3525 (1599)		3199 (1451)		3576 (1622)	
150" x 57" x 74"		138" x 57" x 78"		138" x 57" x 78"	
3283 (1489)		2957 (1341)		3334 (1512)	
4075 (1848)		3749 (1701)		4126 (1871)	
Patented Flip-Tongue		Patented Flip-Tongue		Patented Flip-Tongue	
1-5000 (2268)		1-5000 (2268)		1-5000 (2268)	
15		15		15	
Surge		Surge		Surge	
2" ball		2" ball		2" ball	

Wet Prime Trash Pump – MTP4000S, 6000S

Standard Features Wet Prime

- Wet prime centrifugal pump – 4" and 6"
- Flows up to: 4" – 1150gpm, 6" – 1720gpm
- Heads up to: 4" – 140' TDH , 6" –135' TDH
- 110 gallon fuel tank with gauge for up to 48 hour run time
- Central lift point for easy transport

Engine Options

- Fuel transfer pump
- Low coolant shutdown

Electrical Controls Options

- Low fuel warning/shutdown

Fitting Options – Inlet & Outlet

- Ball & lock ring – 4" & 6"
- Galvanized male socket – 4" & 6"
- Cam & groove female coupler – 4" & 6"
- Cam & groove male coupler – 4" & 6"
- NPT 45° male/female weldment – 4" & 6"

Controller Options

- CP750 Controller – MTP6000S John Deere engine only (Required for float applications)

Float Options

- Remote start float switch (MTP4000S)



- Clean out cover, easily removable
- Trailer – standard/easily detachable
- Front and (2) rear stabilizing jacks
- Warranty – 1 year unlimited hours, 2 years 2000 hours

Hitch Options

- 3" lunette ring
- 2 5/16" ball
- Electric Brakes

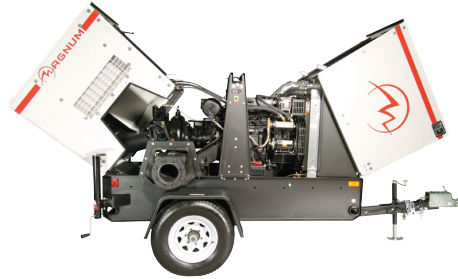
Enclosed Dry Prime Trash Pump

MTP4500FH, MTP6500FH ADVANCED FEATURES:

- PATENTED FLIP-HOOD ENCLOSURE/FLIP TONGUE TRAILER
- SOUND ATTENUATED FOR RESIDENTIAL AREAS
- FRONT AND BACK HOODS FLIP OPEN FOR EASY ACCESS TO ROUTINE MAINTENANCE AND SERVICE AREAS
- CP750 DIGITAL CONTROLLER EASY ENGINE MONITORING AND DIAGNOSTICS
- OVER 30 HOUR RUN TIME
- HANDLES UP TO 3" SOLIDS



MTP6500FH

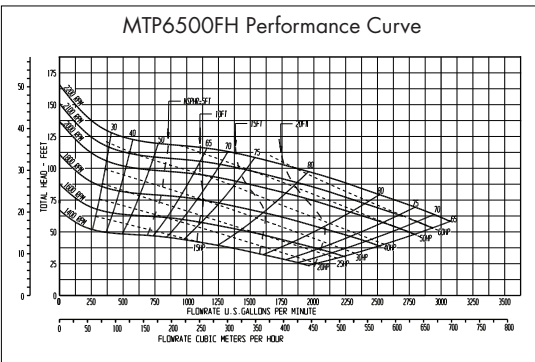
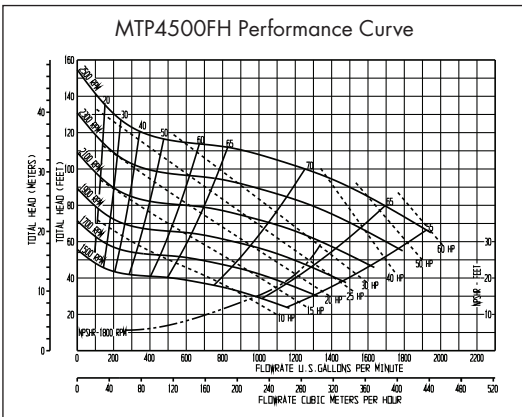


Preferred Choice

Magnum's enclosed dry prime trash pumps are a preferred dewatering and bypass choice for construction in municipality and residential area applications. The large 110-gallon fuel tank provides over 30 hours of run time, saving both labor time and costs, and the auto start/stop controls allows the pump to be operated unattended, saving even more. Built for maximum performance and lifetime durability.

The sound attenuated hoods of the MTP4500FH and MTP6500FH trash pumps are ideal for populated areas and offer wide open access to the pumps internal components for routine service. The patent-approved flip-hood is designed for easy access to the pump and inlet, provides a central location of all electrical connections and wiring, protects the controls from all weather elements and is lockable for on-site security – a perfect combination for both industrial and residential area applications.

Municipal: As demands on your infrastructure continue to increase, you need a trash pump that delivers extreme performance and reliability. Magnum Power Products has ideal options for lift station duty, sewage by-pass and treatment and water treatment applications.



NEW LOFA CP750 Control Panel

Required for Floats (Standard on MTP6000S, 6000D, 6500FH with Kubota Engine & MTP4500FH)



- LOFA CP750 control panel monitors and controls the pump engine.
- A large LCD display (4.25" diagonal) shows any SAE J1939 parameter reported by the ECU (Engine Control Unit)
- These parameters include RPM, high engine temperature, low oil pressure, emergency shutdown and diagnostic codes
- Trans-reflective backlit display is clearly readable in both bright sunlight as well as total darkness and is housed in a rugged IP67 rated housing
- Heavy-duty IP64 water resistant key switch.
- Full featured series, universal automatic start/stop engine monitoring and control panel for both mechanically and electronically governed engines utilizing J1939 CANbus
- Engine monitoring and diagnostics via First-Fault Diagnostics (FFD)
- Advanced automatic start/stop control for use with two switch inputs (float switches) as well as a 4-20mA transducer Input

Open Wet Prime Trash Pumps

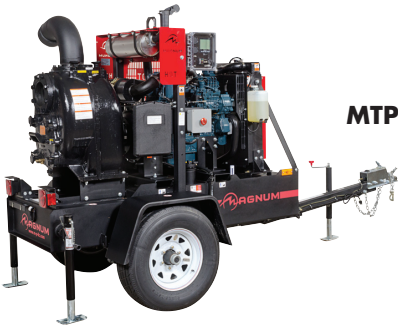
MTP4000S, MTP6000S ADVANCED FEATURES:

- EXTERNAL ADJUSTABLE WEAR PLATES
- STAINLESS STEEL SHAFT
- DUCTILE IRON - VOLUTE AND IMPELLER
- HANDLES UP TO 3" SOLIDS
- PIONEER PUMP END
- PATENTED FLIP-TONGUE TRAILER DESIGN
- 110 GALLON FUEL CAPACITY FOR UP TO 48 HOURS MAXIMUM RUN TIME

MTP4000S



MTP6000S

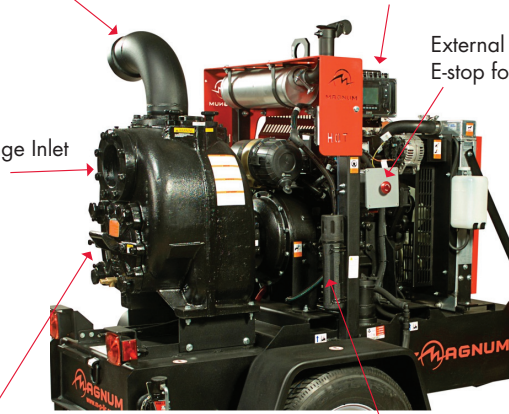


Threaded Outlet-long radius arched design for minimal pressure and resistance flow

CP750 Digital Controller for engine function monitoring and protection (CP750 option required for floats)

External Emergency E-stop for operator safety

Threaded Flange Inlet



Removable Inspection Cover allows cleanout, impeller, seal and flapper access without disconnecting piping

Manual holder - easy protected access

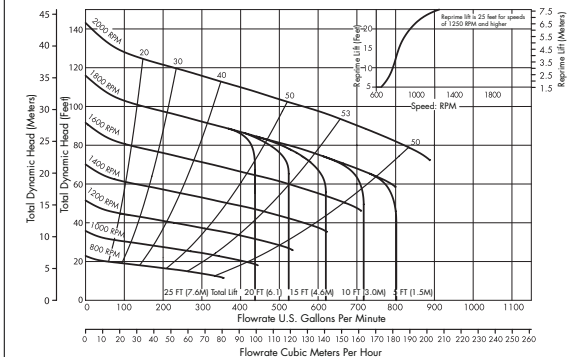
Standard Internal Pump Features

- Replaceable Wear Plate
- Semi open trash handling ductile iron impeller
- Stainless steel shaft is corrosion resistant, easy to maintain & highly reliable

Magnum mobile trash pumps are the ideal solution for dewatering construction sites, commercial and residential flood water removal, pumping raw sewage, sewage by-pass and septic tanks.

Agriculture: Short growing seasons mean you can't afford to have your water pumps fail. Magnum Power Products' centrifugal water pumps are built to handle the demands of agriculture from aquaculture and harvesting to manure slurry.

MTP4000S Performance Curve



MTP6000S Performance Curve

