CUSTOMER DRIVEN • UNSURPASSED VALUE

ICM of America Internet Sales  877-494-5793

PUMPS
RELIABLE • FLEXIBLE • AVAILABLE • DURABLE

Customer Support 24/7/365
**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

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

**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.
## Specifications

### Flow

<table>
<thead>
<tr>
<th></th>
<th>MTP4000D</th>
<th>MTP6000D</th>
<th>MTP45000FH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. Capacity gpm (Lpm)</td>
<td>1940 (7343)</td>
<td>3050 (11546)</td>
<td>1940 (7343)</td>
</tr>
<tr>
<td>Total Dynamic Head ft (m)</td>
<td>154 (46.9)</td>
<td>165 (50.2)</td>
<td>154 (46.9)</td>
</tr>
<tr>
<td>Max. Operating Speed rpm</td>
<td>2500</td>
<td>2300</td>
<td>2500</td>
</tr>
<tr>
<td>Max. Solid Diameter in (mm)</td>
<td>3 (76.2)</td>
<td>3 (76.2)</td>
<td>3 (76.2)</td>
</tr>
<tr>
<td>Max. Lift Suction ft (m)</td>
<td>28 (8.5)</td>
<td>28 (8.5)</td>
<td>28 (8.5)</td>
</tr>
<tr>
<td>Sound dB(A) 23′ @ prime</td>
<td>80</td>
<td>80</td>
<td>80</td>
</tr>
</tbody>
</table>

### Pump

<table>
<thead>
<tr>
<th></th>
<th>MTP4000D</th>
<th>MTP6000D</th>
<th>MTP45000FH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brand / Model</td>
<td>Pioneer Pump Inc</td>
<td>Pioneer Pump Inc</td>
<td>Pioneer Pump Inc</td>
</tr>
<tr>
<td>Fitting Size in</td>
<td>4” NPTF</td>
<td>6” NPTF</td>
<td>4” NPTF</td>
</tr>
<tr>
<td>Impeller Material</td>
<td>CA6NM Stainless Steel</td>
<td>CA6NM Stainless Steel</td>
<td>CA6NM Stainless Steel</td>
</tr>
<tr>
<td>Impeller Diameter in [mm]</td>
<td>8.25 (210)</td>
<td>10 (254)</td>
<td>8.25 (210)</td>
</tr>
<tr>
<td>Volute Casing Material</td>
<td>ASTM A536 Ductile Iron</td>
<td>ASTM A536 Ductile Iron</td>
<td>ASTM A536 Ductile Iron</td>
</tr>
<tr>
<td>Shaft Material</td>
<td>Lasalle stressproof</td>
<td>Lasalle stressproof</td>
<td>Lasalle stressproof</td>
</tr>
<tr>
<td>Wear Plate Material</td>
<td>ASTM A536 Ductile Iron</td>
<td>ASTM A536 Ductile Iron</td>
<td>ASTM A536 Ductile Iron</td>
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### Engine

<table>
<thead>
<tr>
<th></th>
<th>MTP4000D</th>
<th>MTP6000D</th>
<th>MTP45000FH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brand</td>
<td>Deere</td>
<td>Deere (export only)</td>
<td>Kubota</td>
</tr>
<tr>
<td>Model</td>
<td>PE4024TF281 IT4</td>
<td>PE4024HF285 Tier 3</td>
<td>V3600E38KEA3 IT4</td>
</tr>
<tr>
<td>Type</td>
<td>liquid cooled, 4-stroke, 4 cylinder</td>
<td>liquid cooled, 4-stroke, 4 cylinder</td>
<td>liquid cooled, 4-stroke, 4 cylinder</td>
</tr>
<tr>
<td>Operating Speed rpm</td>
<td>2200</td>
<td>2200</td>
<td>2200</td>
</tr>
<tr>
<td>Power @ Operating-Continuous hp (kW)</td>
<td>52 (38.9)</td>
<td>74 (55)</td>
<td>52 (38.9)</td>
</tr>
<tr>
<td>Fuel</td>
<td>Diesel</td>
<td>Diesel</td>
<td>Diesel</td>
</tr>
<tr>
<td>Starting Method-Battery V(Qty)/Rating</td>
<td>12V(1) / 720CCA</td>
<td>12V(1) / 720CCA</td>
<td>12V(1) / 720CCA</td>
</tr>
<tr>
<td>Controller</td>
<td>Analog Gauge</td>
<td>CP600 Digital</td>
<td>CP750 Digital</td>
</tr>
</tbody>
</table>

### Capacities

<table>
<thead>
<tr>
<th></th>
<th>MTP4000D</th>
<th>MTP6000D</th>
<th>MTP45000FH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fuel Tank Capacity gal (L)</td>
<td>110 (416)</td>
<td>110 (416)</td>
<td>110 (416)</td>
</tr>
<tr>
<td>Fuel Consumption-100% load gph (Lph)</td>
<td>2.9 (7.6)</td>
<td>2.11 (7.99)</td>
<td>2.0 (7.7)</td>
</tr>
<tr>
<td>Maximum Run Time (hr)</td>
<td>48</td>
<td>34</td>
<td>48</td>
</tr>
</tbody>
</table>

### Dimensions/Weight

<table>
<thead>
<tr>
<th></th>
<th>MTP4000D</th>
<th>MTP6000D</th>
<th>MTP45000FH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skid Mount (l x w x h)</td>
<td>82” x 35” x 60”</td>
<td>82” x 35” x 60”</td>
<td>95” x 35” x 55”</td>
</tr>
<tr>
<td>Dry Weight lbs (kg)</td>
<td>2346 (1064)</td>
<td>2588 (1173)</td>
<td>2491 (1130)</td>
</tr>
<tr>
<td>Operating Weight lbs (kg)</td>
<td>3138 (1423)</td>
<td>3380 (1533)</td>
<td>3283 (1489)</td>
</tr>
<tr>
<td>Trailer Mount (l x w x h)</td>
<td>138” x 57” x 78”</td>
<td>138” x 57” x 78”</td>
<td>150” x 57” x 74”</td>
</tr>
<tr>
<td>Dry Weight lbs (kg)</td>
<td>2896 (1314)</td>
<td>3138 (1423)</td>
<td>3041 (1379)</td>
</tr>
<tr>
<td>Operating Weight lbs (kg)</td>
<td>3688 (1673)</td>
<td>3930 (1782)</td>
<td>3833 (17939)</td>
</tr>
</tbody>
</table>

### Trailer

<table>
<thead>
<tr>
<th></th>
<th>MTP4000D</th>
<th>MTP6000D</th>
<th>MTP45000FH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tongue</td>
<td>Patented Flip-Tongue</td>
<td>Patented Flip-Tongue</td>
<td>Patented Flip-Tongue</td>
</tr>
<tr>
<td>Axle lbs (kg)</td>
<td>1-5000 (2268)</td>
<td>1-5000 (2268)</td>
<td>1-5000 (2268)</td>
</tr>
<tr>
<td>Tires in</td>
<td>15</td>
<td>15</td>
<td>15</td>
</tr>
<tr>
<td>Brakes</td>
<td>Surge</td>
<td>Surge</td>
<td>Surge</td>
</tr>
<tr>
<td>Standard Hitch</td>
<td>2&quot; ball</td>
<td>2&quot; ball</td>
<td>2&quot; ball</td>
</tr>
</tbody>
</table>

### 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

**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"
- Surge

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

**Float Options**
- Remote start float switch (MTP4000D)

**Trailer Options**
- 3” lunette ring
- 2 5/16” ball
- Electric Brakes

### Reliable • Flexible • Available • Durable
### Dry Prime Diesel Trash Pump

#### MTP6500FH
- **Rating:** 3050 [11546] HP
- **Engine:** Liquid cooled, 4-stroke, 4 cylinder
- **Dimensions:** 95" x 35" x 55"
- **Accessories:** Patented Flip-Tongue, Surge 1-5000 (2268), 15" Surge, 2" ball

#### MTP4000S
- **Rating:** 1150 (4353) HP
- **Engine:** Liquid cooled, 4-stroke, 4 cylinder
- **Dimensions:** 82" x 35" x 60"
- **Accessories:** Patented Flip-Tongue, Surge 1-5000 (2268), 15" Surge, 2" ball

#### MTP6000S
- **Rating:** 1720 [6510] HP
- **Engine:** Liquid cooled, 4-stroke, 4 cylinder
- **Dimensions:** 82" x 35" x 60"
- **Accessories:** Patented Flip-Tongue, Surge 1-5000 (2268), 15" Surge, 2" ball

### Wet Prime Diesel Trash Pump

#### MTP4000S
- **Rating:** 140 [42] HP
- **Engine:** Analog Gauge
- **Dimensions:** 2407 (1091), 3199 (1451), 2957 (1341), 3749 (1701)
- **Accessories:** Surge 15, 2" ball

#### MTP6000S
- **Rating:** 165 [50.3] HP
- **Engine:** Analog Gauge
- **Dimensions:** 2784 (1263), 3576 (1622), 3334 (1512), 4126 (1871)
- **Accessories:** Surge 15, 2" ball

### Wet Prime Trash Pump – MTP4000S, 6000S

**Standard Features Wet Prime**
- Wet prime centrifugal pump – 4" and 6"
- Flows up to: 4" – 115.0gpm, 6" – 171.0gpm
- Heads up to: 4" – 140.0 TDH, 6" – 135.0 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 couple – 4" & 6"
- Cam & groove male couple – 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)

**Hitch Options**
- 3” lunette ring
- 2.5/16” ball
- Electric Brakes

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**RELIABLE • FLEXIBLE • AVAILABLE • DURABLE**
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

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 unmanned, 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

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.
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

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.

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