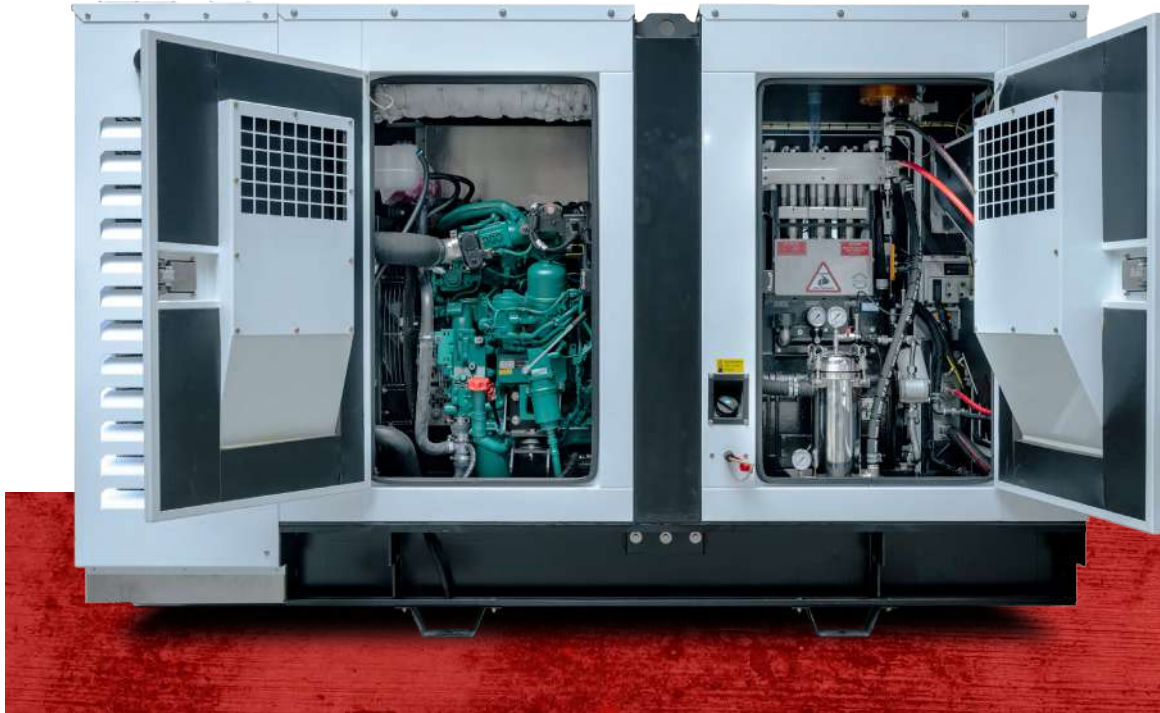




**PRO-JETTING HDMD SERIES**

## INDUSTRIAL UNIT

### HIGH PRESSURE / ULTRA-HIGH PRESSURE



 400 - 2800 BAR (5,800-40,600PSI)

 180 - 22.5 LPM (47.6 - 5.9GPM)

 63 - 168 KW (86 - 229 HP)

## HDMD P-SERIES

HDMD P-SERIES high-pressure unit offers an unbeatable price/quality ratio.

Available with (63 - 168 kW) vertical, HPP high pressure/ultra-high-pressure pump, powered by a fuel-efficient and reliable Volvo\* stage V diesel engine.

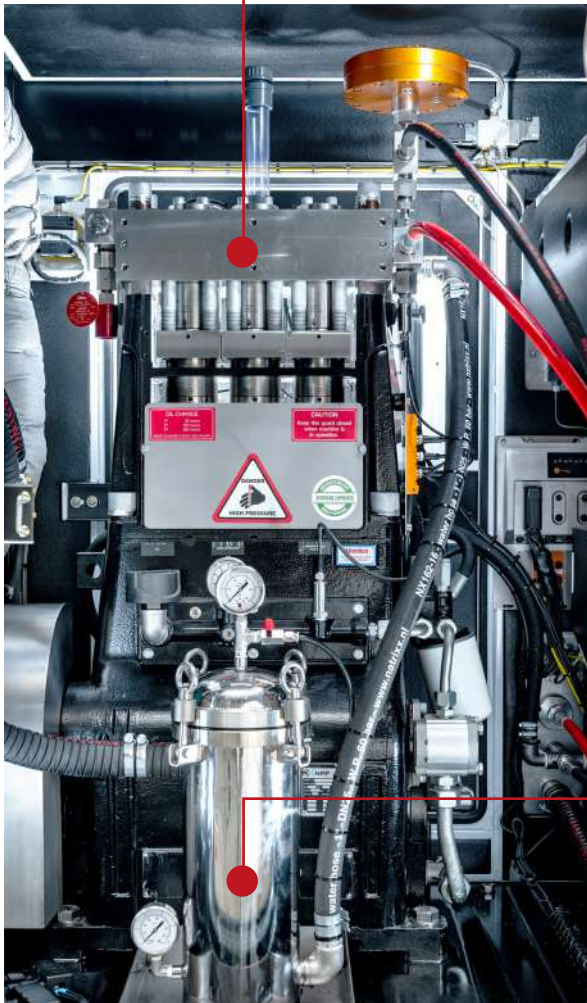
Quick start-up and easy-to-use with convenient connections and modern electronic controls that allow smooth integration with (semi) automatic and robot applications.

Available as compact soundproof canopy, skid or trailer.

\*Other engines available upon request.

# HPP P-SERIES VERTICAL PUMP

High pressure plunger pump with full pressure lubrication, water/oil heat exchanger, oil cooler, and Intellivalve pump head technology that saves time and costs during maintenance or fluid ends conversions.

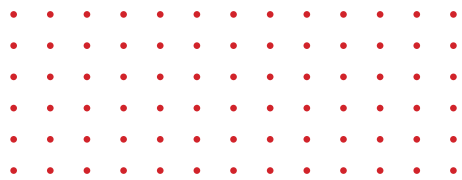


## PRO'S

- DIRECT DRIVE
- INTELLIVALVE
- EASY MAINTENANCE AND CONVERSIONS
- HEAT EXCHANGER
- BYPASS VALVE

## WATER SUPPLY FILTER

With easy exchangeable filterbags and automatic vent.



## USER FRIENDLY CONTROLS

To start/ stop the engine, open/ close the (U)HP valve, continuously adjust the rpm/ pressure and emergency stop button.

With convenient LCD screen to display the engine data, pre-pressure and high pressure.



## CONVENIENT CONNECTIONS

For ease of operation and minimized startup times, and optional remote control and emergency stop.

## POWERFUL, RELIABLE AND FUEL EFFICIENT

Volvo Penta 4-cylinder, common rail, turbo diesel engine with world-class fuel efficiency combined with a reliable Stage V Exhaust After Treatment System (EATS) gives high uptime as well as low cost of ownership.

| HDMD    | P100     |        | P150     |        | P200     |        |
|---------|----------|--------|----------|--------|----------|--------|
| Engine* | TAD581VE |        | TAD582VE |        | TAD583VE |        |
| Power   | 129 kW   | 175 hp | 160 kW   | 218 hp | 175 kW   | 238 hp |

\* Other engine types and brands available upon request.



### SEPARATED COMPARTMENT

For Stage V after-treatment and ad-blue DEF tank.

### PRO'S



USER-FRIENDLY



MINIMIZED STARTUP TIMES



INDUSTRIAL ELECTRONIC CONTROL SYSTEM



AUTO-DIAGNOSE



REMOTE DIAL-IN



RELIABLE



LOW FUEL CONSUMPTION



LOW EMISSIONS



LOW NOISE LEVELS

## CONFIGURATIONS

The HDMD Diesel engine driven high pressure units are available as a soundproof canopy with large fuel tank, forklift pockets and lifting eyes, or as open skid or tandem axle 3.5T trailer.

| HDMD    | Dimensions     |                    | Weight |       |
|---------|----------------|--------------------|--------|-------|
|         | mm             | inches             | Kg     | lbs   |
| Canopy  | 3006x1083x1833 | 118.35x42.64x72.17 | 2100   | 4629  |
| Trailer | 4306x1663x1893 | 169.5x65.5x74.5    | <3500  | <7700 |

Alternatively, PRO-JETTING (Ultra) high pressure units can be driven electric or by the engine of a truck by the PTO.

## ELECTRONIC PUMP CONTROLS

With emergency stop, optional (wireless) remote control, or software integrations for automatic applications and controlling the high pressure unit safe and convenient from a (robot) control unit with all important operating data at a glance.



## HDMD P-100

| Item code        | Pump type | Plunger |        | Pressure |       | Flow  |      | Power |       |
|------------------|-----------|---------|--------|----------|-------|-------|------|-------|-------|
|                  |           | mm      | inches | bar      | psi   | LPM   | GPM  | kW    | hp    |
| HDMD-100-2800-12 | P-100 UAP | 12      | 0.47   | 2800     | 40600 | 12,2  | 3.2  | 63,5  | 86,3  |
| HDMD-100-2500-17 | P-100 UAP | 14      | 0.55   | 2500     | 36250 | 16,7  | 4.4  | 77,2  | 104,9 |
| HDMD-100-2000-22 | P-100 UAP | 16      | 0.63   | 2000     | 29000 | 21,8  | 5.8  | 80,6  | 109,6 |
| HDMD-100-1400-31 | P-100 SAP | 18      | 0.71   | 1400     | 20300 | 30,6  | 8.1  | 79,4  | 107,9 |
| HDMD-100-1400-28 | P-100 UAP | 18      | 0.71   | 1400     | 20300 | 27,6  | 7.3  | 71,4  | 97,1  |
| HDMD-100-1000-38 | P-100 SAP | 20      | 0.79   | 1000     | 14500 | 37,8  | 10.0 | 70,0  | 95,2  |
| HDMD-100-1000-34 | P-100 UAP | 20      | 0.79   | 1000     | 14500 | 34,0  | 9.0  | 63,0  | 85,7  |
| HDMD-100-900-46  | P-100 SAP | 22      | 0.87   | 900      | 13050 | 45,7  | 12.1 | 76,2  | 103,6 |
| HDMD-100-750-54  | P-100 SAP | 24      | 0.94   | 750      | 10875 | 54,4  | 14.4 | 75,6  | 102,8 |
| HDMD-100-650-64  | P-100 SAP | 26      | 1.02   | 650      | 9425  | 63,9  | 16.9 | 76,9  | 104,5 |
| HDMD-100-600-74  | P-100 SAP | 28      | 1.10   | 600      | 8700  | 74,1  | 19.6 | 82,3  | 111,9 |
| HDMD-100-500-85  | P-100 SAP | 30      | 1.18   | 500      | 7250  | 85,1  | 22.5 | 78,8  | 107,1 |
| HDMD-100-420-97  | P-100 SAP | 32      | 1.26   | 420      | 6090  | 96,8  | 25.6 | 75,3  | 102,3 |
| HDMD-100-330-116 | P-100 SAP | 35      | 1.38   | 330      | 4785  | 115,8 | 30.6 | 70,7  | 96,2  |
| HDMD-100-270-151 | P-100 SAP | 40      | 1.57   | 270      | 3915  | 151,2 | 39.9 | 75,6  | 102,8 |

Available with horizontal pump only.

## HDMD P-150

| Item code        | Pump type | Plunger |        | Pressure |       | Flow  |      | Power |       |
|------------------|-----------|---------|--------|----------|-------|-------|------|-------|-------|
|                  |           | mm      | inches | bar      | psi   | LPM   | GPM  | kW    | hp    |
| HDMD-150-2800-22 | P-150 UAP | 16      | 0.63   | 2800     | 40600 | 21,8  | 5.8  | 112,9 | 153,5 |
| HDMD-150-2200-28 | P-150 UAP | 18      | 0.71   | 2200     | 31900 | 27,6  | 7.3  | 112,3 | 152,6 |
| HDMD-150-1800-34 | P-150 UAP | 20      | 0.79   | 1800     | 26100 | 34,0  | 9.0  | 113,4 | 154,2 |
| HDMD-150-1400-46 | P-150 SAP | 22      | 0.87   | 1400     | 20300 | 45,7  | 12.1 | 118,6 | 161,2 |
| HDMD-150-1200-54 | P-150 SAP | 24      | 0.94   | 1200     | 17400 | 54,4  | 14.4 | 121,0 | 164,5 |
| HDMD-150-1000-64 | P-150 SAP | 26      | 1.02   | 1000     | 14500 | 63,9  | 16.9 | 118,3 | 160,8 |
| HDMD-150-830-74  | P-150 SAP | 28      | 1.10   | 830      | 12035 | 74,1  | 19.6 | 113,9 | 154,8 |
| HDMD-150-750-85  | P-150 SAP | 30      | 1.18   | 750      | 10875 | 85,1  | 22.5 | 118,1 | 160,6 |
| HDMD-150-640-97  | P-150 SAP | 32      | 1.26   | 640      | 9280  | 96,8  | 25.6 | 114,7 | 155,9 |
| HDMD-150-560-116 | P-150 SAP | 35      | 1.38   | 560      | 8120  | 115,8 | 30.6 | 120,1 | 163,2 |
| HDMD-150-400-151 | P-150 SAP | 40      | 1.57   | 400      | 5800  | 151,2 | 39.9 | 112,0 | 152,3 |

## HDMD P-200

| Item code        | Pump type | Plunger |        | Pressure |       | Flow  |      | Power |       |
|------------------|-----------|---------|--------|----------|-------|-------|------|-------|-------|
|                  |           | mm      | inches | bar      | psi   | LPM   | GPM  | kW    | hp    |
| HDMD-200-2800-26 | P-200 UAP | 16      | 0.63   | 2800     | 40600 | 25,8  | 6.8  | 133,6 | 181,7 |
| HDMD-200-2500-33 | P-200 UAP | 18      | 0.71   | 2500     | 36250 | 32,6  | 8.6  | 151,0 | 205,3 |
| HDMD-200-2000-40 | P-200 UAP | 20      | 0.79   | 2000     | 29000 | 40,3  | 10.6 | 149,2 | 202,8 |
| HDMD-200-1470-54 | P-200 SAP | 22      | 0.87   | 1470     | 21315 | 54,1  | 14.3 | 147,4 | 200,4 |
| HDMD-200-1300-64 | P-200 SAP | 24      | 0.94   | 1300     | 18850 | 64,4  | 17.0 | 155,1 | 210,9 |
| HDMD-200-1200-76 | P-200 SAP | 26      | 1.02   | 1200     | 17400 | 75,6  | 20.0 | 168   | 228,5 |
| HDMD-200-1000-88 | P-200 SAP | 28      | 1.10   | 1000     | 14500 | 87,7  | 23.2 | 162,4 | 220,8 |
| HDMD-200-800-101 | P-200 SAP | 30      | 1.18   | 800      | 11600 | 100,7 | 26.6 | 149,2 | 202,8 |
| HDMD-200-700-115 | P-200 SAP | 32      | 1.26   | 700      | 10150 | 114,5 | 30.3 | 148,5 | 201,9 |
| HDMD-200-600-137 | P-200 SAP | 35      | 1.38   | 600      | 8700  | 137,0 | 36.2 | 152,3 | 207   |
| HDMD-200-450-179 | P-200 SAP | 40      | 1.57   | 450      | 6525  | 179,0 | 47.3 | 149,2 | 202,8 |



R600 INDUSTRIAL ROBOT



## ACCESSORIES

up to 2800 bar (40,600 psi)

### (ROTATING) NOZZLES & LANCES



- Pipe & Tube Cleaning
- Diameter: 12 – 800 mm (0.5-32")
- Pressure: <2800 bar (40.000 psi)
- Rotating nozzles, unpluggers, polishers

### HOSES



- Highest pressure
- High tensile steel wire reinforced termoplastic
- Or rubber (depending working pressure)
- Varying diameters
- Custom lengths & couplings

### COUPLINGS & ADAPTERS



- Couplings
- Adapters
- T- & Y-Pieces
- Swivels

### TWK300



- Large diameter pipe cleaning
- Diameter: 1000 -3000mm (40-120")
- Min. acces diameter 400 mm (15.7")
- Optional: ATEX Zone 0



## ACCESSORIES

up to 2800 bar (40,600 psi)

### R600 TRACKED INDUSTRIAL ROBOT



- Surface preparation
- Tank cleaning
- Vacuum excavation
- Customization

### GUNS



- Dump guns
- Electric remote guns
- Pneumatic rotary gun
- Zero-thrust guns (Underwater)

### PROTECTIVE EQUIPMENT & CLOTHES



- Hose covers
- Jackets, Trousers, Overalls, Aprons
- Gaiters, Gloves

### OTHER WORKING TOOLS



- Floor cleaners
- Hose & lance feeders
- Your customized solution



## PROFESSIONAL JETTING EQUIPMENT & SOLUTIONS

PRO-JETTING offers a complete range of units, parts, robots and accessories for jetting and industrial cleaning up to 2800 bar (40,600psi) backed by personal service, SIR certified mechanics, and an in-house engineering department.

- Personal service with large stock and fast shipping
- State-of-the-art workshop
- In-house engineering for custom solutions
- 4200 bar (61,000 psi) test facility and SIR certification

**SIR**<sup>®</sup>

ID-TEC, the company behind PRO-JETTING, SEWER ROBOTICS and DIVEWISE-EQUIPMENT is specialized in high pressure and robotic applications for cleaning, inspection and maintenance of confined spaces.

**DIVEWISE**  
EQUIPMENT

**iDTEC** INNOVATION  
DEVELOPMENT  
TECHNOLOGY

**SEWER**  
ROBOTICS

# 401 MASTER BLASTER 40K



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