



**WACKER  
NEUSON**  
*all it takes!*

## HYDRO TECHNOLOGY SYSTEMS

### PDT 2

Diaphragm Pumps

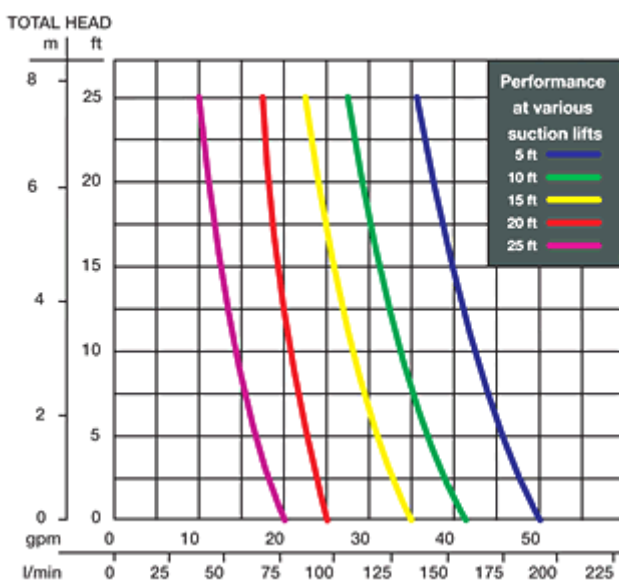


### 2-inch diaphragm pumps for jobs no other pumps can handle

The PD 2 diaphragm trash pumps can move almost anything that flows. A 2-inch pump that can handle solids up to 1.5 inches (38mm) and up to 50 gpm (189 l/min), these pumps are ideal for moving water with mud, slurries and in seepage areas. Built with high quality component, you will be assured of many years of top performance and durability. Large solid rubber tires provide excellent traction and smooth rolling over rough terrain.

- Aluminum alloy body with heavy-duty pump diaphragm provides a lightweight, low maintenance package that ensures long life.
- Surge chamber on inlet side results in smooth pumping operation by absorbing pressure spikes while reducing wear.
- Oil bath lubricated transmission ensures continuous lubrication to all parts of the gear transmission system, reducing both maintenance costs and lost production time.
- Ductile iron crankcase provides maximum durability. Hardened forged gears extend pump life and provide efficient power transmission from the engine to the pump.
- Straight through water flow design provides high production pumping capacity and less down time blockages.

### PD2





## Technical specifications

|                                   | <b>PDT 2</b>                | <b>PDT 2A</b>               |
|-----------------------------------|-----------------------------|-----------------------------|
| <b>Dimensions</b>                 |                             |                             |
| L x W x H in                      | 39.2 x 22.2 x 23.2          | 39.2 x 22.2 x 23.2          |
| L x W x H Shipping in             | 33 x 32 x 31.5              | 33 x 32 x 31.5              |
| Diameter Suction and Discharge in | 2                           | 2                           |
| Operating weight lb               | 131                         | 131                         |
| Shipping weight lb                | 166                         | 166                         |
| <b>Operating data</b>             |                             |                             |
| Discharge Head ft                 | 25                          | 25                          |
| Discharge capacity US gpm         | 50                          | 50                          |
| Solids diameter Max. Size in      | 1.5                         | 1.5                         |
| <b>Engine / Motor</b>             |                             |                             |
| Engine / Motor type               | Air Cooled, Single Cylinder | Air Cooled, Single Cylinder |
| Engine / Motor manufacturer       | Wacker Neuson               | Honda                       |
| Engine / Motor                    | WM130                       | GX120K1QX                   |
| Displacement in <sup>3</sup>      | 7.7                         | 7.2                         |
| RPM / speed Max. Engine rpm       | 4,000                       | 3,600                       |
| RPM / speed Operating rpm         | 2,800                       | 2,800                       |
| Power Max. Rated hp               | 4.3                         | 3.5                         |
| Power Rating Specification        | SAE J1349                   | SAE J1349                   |
| Engine oil US qt                  | 0.65                        | 0.65                        |
| Fuel type                         | Gasoline                    | Gasoline                    |
| Fuel consumption US gal/h         | 0.3                         | 0.3                         |
| Tank capacity Fuel US qt          | 2.9                         | 2.6                         |
| Runtime h                         | 2.5                         | 2.2                         |

### Please note

that product availability can vary from country to country. It is possible that information / products may not be available in your country. More detailed information on engine power can be found in the operator's manual; the stated power may vary due to specific operating conditions.