HPW Hydraulic High Pressure Water Pump

DYNASET HPW Hydraulic High Pressure Water Pump converts the hydraulic power of a mobile machine, vehicle or vessel into high-pressure water for various applications.

High pressure water

**HPW HYDRAULIC HIGH PRESSURE WATER PUMP**

## Key Benefits

Produces high-pressure water for any application in mobile use.

* Always ready for use
* Low water consumption
* Low maintenance
* Saves time, space and resources
* Easy installation on all hydraulic systems
* Can be connected in series or in parallel to gain higher water flow
* Can be used with sea water, chemicals or other fluids depending on the model
* Produces water flow even at lower level hydraulic flow
* No rotating parts
* No separate engines
* Reliable
* Durable
* Safe to run dry
* Small carbon footprint
* Two-year or 2000 hour warranty

## Features

In addition to the output power range of 10kW-200kW, the hydraulic high pressure water pump has plenty of models with useful features.

* Compact size
* Light-weight
* Self-priming (up to 800 bar models)
* Linear output adjustability from 0% to 100% by controlling hydraulic flow
* The world’s best power-to-size ratio
* The world’s best power-to-weight ratio
* Max from 90 bar to 1600 bar depending on the model
* Max flow from 15 l/min to 300 l/min depending on the model
* ATEX certified models available
* Models with variety of materials for different uses available

## Applications

* High pressure washing
* Dust suppression
* Dust control
* Street Cleaning
* Hydro scaling
* Property maintenance
* Heavy equipment cleaning
* Graffiti removal
* Water jetting
* High pressure water cutting
* Fire fighting
* Animal gage cleaning
* Sewer and pipe cleaning
* Mobile cleaning services
* Water hydraulics
* Hydraulic fracturing
* Separating concrete from steele
* Robot washers
* Pressure testing
* Bin cleaning
* Closing BOP valves
* Subsea & Offshore

## How Does the Hydraulic High Pressure Water Pump Works?

The hydraulic high pressure water pump utilizes a machine’s, vehicle’s or vessel’s hydraulic system as power source

1. Hydraulic oil flow is led to the hydraulic high pressure water pump through the pressure line
2. The hydraulic high pressure water pump converts the hydraulic oil flow and pressure into high pressure water
3. The hydraulic oil is led back to carrier machine’s hydraulic oil tank through the return line