

## HIGH PRESSURE WASHER PUMP WITH HYDRAULIC MOTOR



**WHY 1520** is a professional high pressure washer pump for water, powered by hydraulic gear motor. The pump is for filtered water and has a washing power of

Flow 15 L/min and water pressure 200 Bar, upon request is also available the model **WHY3015** that has flow 30 L/min and 150 Bar.

The pump is rotary type with three ceramic pistons that assure reliability and durability.

Robust and incredibly powerful allows a professional use in heavy duty works of washing, descaling, removal of graffities and with proper accessories also cleaning of sewer pipes and ducts etc.

**WHY1520** is a ideal accessory of trucks, concrete pumps, concrete mixers, street sweepers etc, numerous are also the applications in agricultural and military sectors.

### ADVANTAGES

- Ideal in urban hygiene - unbeatable in the remotion of mural graffities
- Is possible to install different size hydraulic motors, with or without hydraulic control valves against excess of speed
- Is possible to install hydraulic motors with integrated solenoid valve to have electric ON-OFF
- No noise - no vibrations - low maintenance needs.
- Features a by pass system that bypasses the oil directly to tank during the interruptions of washing operations
- With the proper accessories can unblock obstructed ducts, sewers, drain pipes etc., can also be used for the suction of debrees, sand, leaves from road drain wells, manholes, etc..
- Chemical injector for the suction of solvents, soaps and additives, is available on request.

### HYDRAULIC CHARACTERISTICS

<b>OIL PRESSURE</b>	<b>210 Bar max</b>
<b>OIL FLOW</b>	<b>min - max L/min 20- 40</b>
<b>IDEAL FLOW</b>	<b>30 L/min</b>
<b>N° of turns</b>	<b>1750 revs max</b>
<b>OIL TEMPERATURE</b>	<b>max 60° C</b>
<b>TOLERABLE BACK PRESSURE</b>	<b>Max 15 Bar</b>
<b>POWER NECESSARY</b>	<b>5,5 KW ( 7,5HP )</b>

### WEIGHT AND DIMENSION

<b>WEIGHT</b>	<b>12 KG</b>
<b>HEIGHT</b>	<b>289 mm</b>
<b>WIDTH</b>	<b>253 mm</b>
<b>LENGTH</b>	<b>218 mm</b>

### HYDRAULIC MOTORS AVAILABLE

- A - Hydraulic Motor 11 cc for flows 20 L/min
- B - Hydraulic Motor 14 cc for flows 25 L/min
- C - Hydraulic Motor 17 cc for flows 30 L/min

D -Motors like above but with electro valve 12 V for electric ON/OFF activation

NOTA - The motors of the above list do not have flow control, so if motors are accidentally operated with flow higher then recommended the pump can be spoiled due to excess of flow and speed

E - Hydraulic Motor with integrated flow control valve for all flows from 20 to 40 L/min, these motors protect the pump against excess of flow

FOR MORE INFORMATIONS CONTACT DOA

### WASHING POWER / WATER

<b>WATER FLOW</b>	<b>15 L/min - 4 gpm</b>
<b>FLUID</b>	<b>Filtered water only</b>
<b>WATER PRESSURE max}</b>	<b>200 BAR - 2850 PSI</b>
<b>PRESSURE REGULATION</b>	<b>YES</b>
<b>THREAD SUCTION</b>	<b>3/8" F</b>
<b>THREAD PRESSURE</b>	<b>3/8" M</b>
<b>LUBRICANT OIL</b>	<b>SAE 75W90</b>
<b>WATER TEMPERATURE</b>	<b>Max 50 ° C</b>