



**Pipe  
Welding  
Technology** —

TECHNICAL DATA SHEET

## **DIESEL HYDRAULIC POWER UNIT**

Product: **PWT-DHPU**

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# ***DIESEL HYDRAULIC POWER UNIT PWT-DHPU***



The Diesel Hydraulic Power Unit for Beveling machines

**GENERAL FEATURES**

<b>FRAME:</b>	Built by iron sheets and sections, complete with hook to be lifted by side-boom
<b>DIESEL ENGINE BRAND AND MODEL:</b>	PERKINS 1104A-44 TG2
<b>FEEDING SYSTEM:</b>	By turbo compressor
<b>DISPLACEMENT:</b>	4.400 cm <sup>3</sup>
<b>NUMBER OF CYLINDERS:</b>	4
<b>CYLINDERS ARRANGEMENT:</b>	In line
<b>CYCLE:</b>	Diesel four stroke
<b>COMPRESSION RATIO:</b>	17,25:1
<b>POWER:</b>	79,1KW
<b>MAX RPM:</b>	1.500 rpm
<b>DIRECTION OF ROTATION:</b>	Clockwise from the front
<b>COOLING SYSTEM:</b>	Water
<b>HYDRAULIC OIL TANK CAPACITY:</b>	500 Litres
<b>HYDRAULIC OIL TYPE:</b>	AGIP, SIGMA S, SAE 10 W
<b>MAIN HYDRAULIC PUMP:</b>	Piston, variable flow
<b>TYPE:</b>	DENISON
<b>MAIN HYDRAULIC PUMP FLOW:</b>	200 L/min at 1500 RPM
<b>MAIN CIRCUIT CALIBRATED PRESSURE:</b>	160 bar
<b>FILTERS:</b>	Bronze and phosphorus linen, filter capacity 60 micron.

**DIAMETER RANGE - DIMENSION – WEIGHT**

MODEL	PIPE DIAMETER RANGE	DIMENSION (LxWxH) in mm	WEIGHT (Kg)
PWT-DHPU	From 6" to 60"	2.500x1.250x1.700	2.100