

DYNASET

POWERED BY HYDRAULICS



DATA SHEET

HIGH PRESSURE PIPE CLEANING UNITS



PPL 200

PPL 180

PPL 220

PPL 460

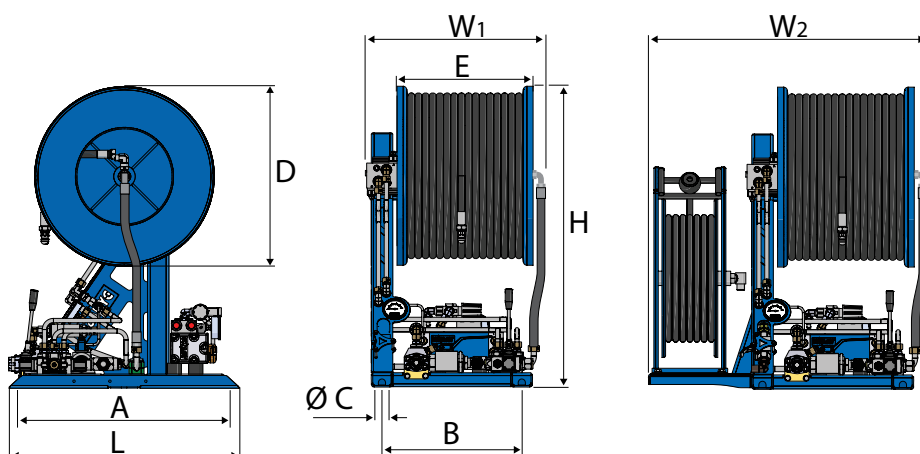
STANDARD PPL MODELS

MODEL	PUMP	WATER FLOW	WATER PRESSURE	CONTROL	HOSE REEL	HOSE	
		l/min	bar	M = Manual E12 = Electric 12V E24 = Electric 24V	Diameter (mm)	Diameter (in)	Length (m)
PPL 200	HPW 200	30	200	M / E12 / E24	500	3/8"	50m
PPL 220	HPW 220	50	220	M / E12 / E24	500	1/2"	50m
PPL 180	HPW 180	90	180	M / E12 / E24	600	3/4"	50m
PPL 460	HPW 460	50	460	M / E12 / E24	600	1/2"	100m

Options:

- Connection for Load-Sensing hydraulic pump (LS)
- Washing pistol with hose reel (W).

DIMENSIONS



Model	DIMENSIONS, mm (in)									WEIGHT kg (lbs)
	L	W1*	W2	H	A	B	C	D	E	
PPL 200	640 (25.2)	500 (19.7)	770 (30.3)	840 (33.1)	600 (23.6)	390 (15.4)	Ø 11	500 (19.7)	300 (11.8)	69
PPL 220	640 (25.2)	500 (19.7)	770 (30.3)	840 (33.1)	600 (23.6)	390 (15.4)	Ø 11	500 (19.7)	300 (11.8)	72
PPL 180	640 (25.2)	500 (19.7)	770 (30.3)	890 (35.0)	600 (23.6)	390 (15.4)	Ø 11	600 (23.6)	300 (11.8)	73
PPL 460	640 (25.2)	500 (19.7)	770 (30.3)	890 (35.0)	600 (23.6)	390 (15.4)	Ø 11	600 (23.6)	300 (11.8)	85

* +50 mm (2 in) with electric control.

PARAMETERS

		PPL 200	PPL 220	PPL 180	PPL 460
WATER POWER					
Flow max	l/min (gpm)	30 (7.9)	50 (13.2)	90 (23.8)	50 (13.2)
Pressure max	bar (psi)	200 (2900)	220 (3200)	180 (2600)	460 (6700)
Recommended hose diameter	in	3/8	1/2	3/4	1/2
Recommended hose length	m (ft)	50 (13.2)	50 (13.2)	50 (13.2)	100 (26.4)
WASHING PISTOL WITH HOSE REEL (OPTION)					
Hose length	m (ft)	20	20	20	20
Washing pistol (option)		ST2300-SW-800-2508	ST2300-SW-800-2515	ST2300-SW-800-2515	ST3600-1000-25xx
WATER FILTER					
Recommended size	in	R3/4"	R1"	R1 1/4"	R1"
Recommended mesh		80 or better			
HYDRAULIC POWER REQUIREMENTS					
Oil flow max.	l/min (gpm)	40 (10.6)	70 (18.5)	115 (30.4)	115 (30.4)
Pressure max.	bar (psi)	210 (3000)	210 (3000)	210 (3000)	250 (3600)
HYDRAULIC FLUID REQUIREMENTS					
Viscosity	cSt	10-200 / optimum 25-35			
Temperature	° C (° F)	max. 70 (160)			
Filter ratio, recommendation	µm	25 or better			
Cooling capacity requirement	kW	2	3	6	5

Gallons are U.S. liquid gallons

CONNECTIONS

		PPL 200	PPL 220	PPL 180	PPL 460
HYDRAULIC CONNECTIONS					
Pressure line (female)	P	3/4"	3/4"	3/4"	3/4"
Return line (male) *	T	3/4"	3/4"	3/4"	3/4"
LS-line (option)	LS	1/4"	1/4"	1/4"	1/4"
ELECTRIC CONNECTIONS (OPTION)					
Electric connectors (3 pcs)		DIN 43650-A	DIN 43650-A	DIN 43650-A	DIN 43650-A
WATER INPUT CONNECTION					
Water input	S	3/4"	1"	1 1/4"	1"

* Return line connection (T) is 1" (female) when using electric control.



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ELECTRICITY

HG Hydraulic Generator
HGV POWER BOX Variable Hydraulic Generator System
HGV Variable Hydraulic Generator System
HWG Hydraulic Welding Generator
HGG Hydraulic Ground Power Generator



HIGH PRESSURE WATER

HPW Hydraulic High Pressure Water Pump
HPW Hydraulic Power Washer
KPL High Pressure Street Washing Unit
HPW-DUST High Pressure Dust Suppression System
PPL High Pressure Pipe Cleaning Unit
HPW-FIRE High Pressure Firefighting System
FP Fire Fighting Piercing Kit
HDF Hydraulic Drilling Fluid Pump
JPL High Pressure Bin Washing System
HSP Hydraulic Submersible Pump



COMPRESSED AIR

HK Hydraulic Piston Compressor
HKL Hydraulic Rotary Vane Compressor
HKR Hydraulic Screw Compressor



MAGNET POWER

HMG PRO Hydraulic Magnet Generator
MAG Lift Magnet
HMAG PRO Hydraulic Magnet



VIBRATION

HVB Hydraulic Vibra
HVD Hydraulic Directional Vibra
HRC Hydraulic Reversal Cylinder



POWER BOOSTING

HPI Hydraulic Pressure Intensifier
HPI-C Hydraulic Pressure Intensifier for Cylinder



KNOW-HOW

Hydraulic Power Take-off (PTO)
Hydraulic Power Unit Technology
De-Icing Technology
Installation Valves
HHK Hydraulic Grinder
HV/HVY Hydraulic Winch / Winch Unit

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