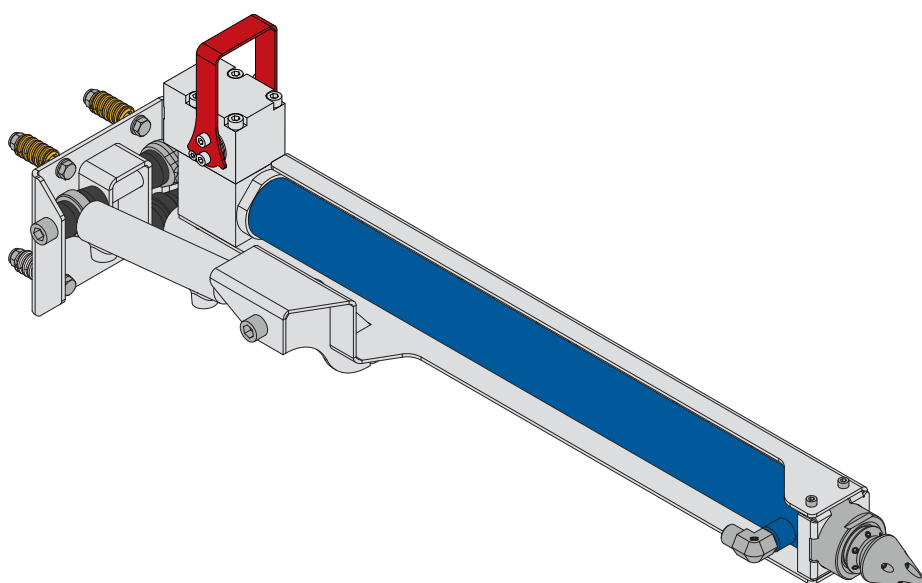
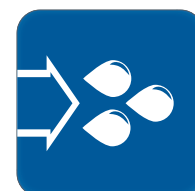




DATASHEET

FP FIREFIGHTING PIERCING KIT

FP 250/30-40
FP 180/90-40





FP FIREFIGHTING PIERCING KIT TABLE OF CONTENTS

v.1.0 10/2023 WNu

1. TECHNICAL SPECIFICATIONS	3
1.1 DIMENSIONS	3
1.2 CONNECTIONS	4
1.3 TECHNICAL SPECIFICATION	6

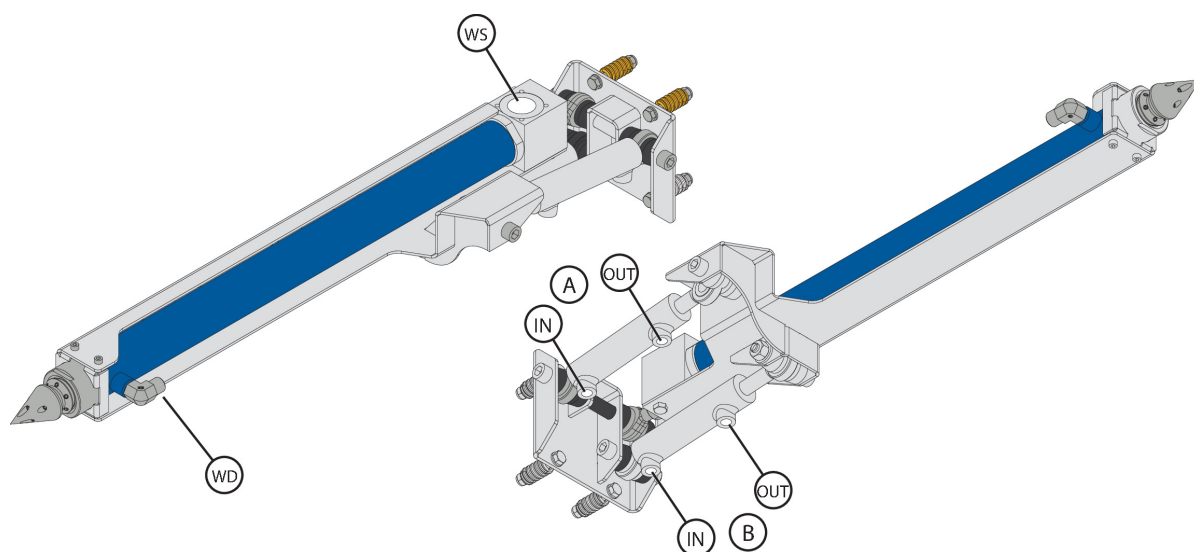
1. TECHNICAL SPECIFICATIONS

1.1 DIMENSIONS

Model	Dimensions, mm (in)					Tool turning range		Weight with pump	Weight without pump
	Length	Width	Height	Striker Dia-meter	Stroke Length	Horizontal	Vertical	kg (lbs)	kg (lbs)
FP 250/30-40	920 (36.2)	155 (6.1)	150 (5.9)	40 (1.6)	550 (21.7)	± 45°	± 15°	36 (79)	28 (62)
FP 180/90-40	920 (36.2)	155 (6.1)	150 (5.9)	40 (1.6)	550 (21.7)	± 45°	± 15°	55 (121)	28 (62)

1.2 CONNECTIONS

1.2.1 FP PIERCING TOOL

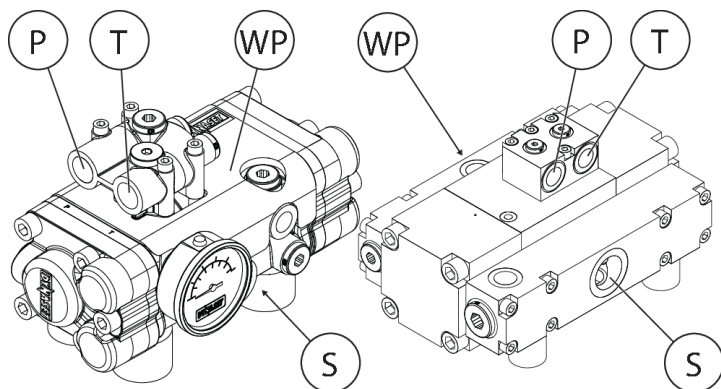


A = Horizontal movement

B = Vertical movement

	Port Connections			
	Outlet line, Out	Intake line, In	Water Input, WS	Water Drain, WD
FP	BSPP 1/4	BSPP 1/4	BSPP 1	BSPP 3/8

1.2.2 HPW PUMP



More detailed technical specifications can be found from HPW User Manual

Model	Port Connections				
	Pressure Line, P	Return line, T	Service Line, CMP	Water Output, WP	Water Input, S / Hose Size
HPW250/30-40	BSPP 1/2	BSPP 1/2	-	BSPP 3/8	BSPP 3/4 / 1"
HPW180/90-115	BSPP 3/4	BSPP 3/4	BSPP 1/8	BSPP 3/4	BSPP 1 1/4 / 1 1/4"

1.3 TECHNICAL SPECIFICATION

		FP 250/30-40	FP 180/90-40
DISCHARGE CHARACTERISTICS			
Impact mass	kg (lbs)	3.6 (8)	3.6 (8)
Impact speed	m (ft)/s	12 (39.37)	12 (39.37)
Impact force	kN	20	20
@ 160 bar			
Impact length	mm (in)	550 (21.7)	550 (21.7)
HYDRAULIC POWER REQUIREMENTS			
Flow max.	l/min (gpm)	40 (10.57)	115 (30.38)
Operating pressure	Δp.bar (psi)	250 (66.05)	210 (55.48)
Pressure max.	bar (psi)	260 (68.69)	210 (55.48)
HYDRAULIC FLUID REQUIREMENTS			
Viscosity	cSt	10 200 / optimum 25 35	10 200 / optimum 25 35
Temperature max.	°C(°F)	70 (158)	70 (158)
Filter ratio	μm	25	25



FP FIREFIGHTING PIERCING KIT TECHNICAL SPECIFICATIONS



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
KPL-WEED Weed Killing Unit
SCU Surface Cleaning 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 Vibration Pump
HVD Hydraulic Directional Vibra
HRC Hydraulic Reversal Cylinder



POWER BOOSTING

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



VACUUM

HCF Hydraulic Centrifugal Fan
HRVB Hydraulic Recycling Vacuum Bucket



KNOW-HOW

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

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