

PTB3-X

Lightweight Medium Frequency Welding Gun



Features:

- 10.000 Hz High Welding Frequency
- Light Weight 40 Kg without arms
- Pneumo hydraulic Cylinder
- Low impact on piece
- Low noise max. 60 dB

Chart of Forces Between Electrodes

Arm Length	Hydro Pneumatic Cylinder
300mm	520 daN at 4,7 bar
350mm	520 daN at 5,3 bar
400mm	520 daN at 6 bar
450mm	470 daN at 6 bar
500mm	430 daN at 6 bar

Technical Specifications

		PTB3-X
Transformer Power at 50% DC	kVA	60
Transformer Power at 100% DC	kVA	42
Maximum welding power in Short Circuit	kA	16
Maximum cylinder force at 6 bar	daN	2000
Air consumption per maeuver at 6 bar	NI	3.6
Maximum working pressure	bar	6
Secondary Voltage	V	11
Primary voltage at 50% DC	V	500
Cylinder stroke	mm	25 + 30
Distance between arms	mm	172.5
Water cooling flow Transformer / arms	l/min	12
Water input / output differential pressure	bar	3
Wire section by phase (max. distance to cabinet 10m.)	mm ²	25
Weight (without arms)	kg	40



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