

HANDHELD HYDRAULIC BAND SAWS RHP 100/2; PP 1.H

Use and description:

Handheld hydraulic band saws **RHP 100/2** a **PP 1.H** (hereinafter saws) have been designed and constructed for cutting metal materials (rails, pipes, profiles, high-strength chains, arch support TH profiles etc.) with endless saw band in cramped and hard-to-reach areas everywhere where there is a pressure medium source (emulsion or. hydraulic fluid).

The saws consist of hydraulic power unit, frame, saw blade, reciprocating and tightening pulleys, control device and of clamping jig. The saws are kept during the cutting operation in both operator's hands or are clamped on jigs respectively in the clamping stand with vice. The way of holding the saw can be customized to the operator so that the drive handle and holder are turned by 180°.



Characteristics:

Typ		RHP 100/2	PP 1.H
Max. dimensions of material to be cut	mm	∅ 160	86x100
Max. strength of material to be cut	MPa	1 100	1 300
Cutting speed	m.min ⁻¹	40 - 80	40 - 80
Dimensions of the saw band	mm	1 540x13x0.9	1010x13x0.65
Hydro- motor output	kW	0.6 ÷ 2.1	0.6 ÷ 2.1
Working medium pressure	MPa	7 - 32	7 - 32
Working medium flow rate	dm ³ .min ⁻¹	9 ÷ 18	9 ÷ 18
Working medium		hydraulic liquid having a viscosity of 46 mm ² .s ⁻¹ at 40°C	
Filtration	µm	25	25
Connecting hose ID - (P,T)	mm	P-8, T-10	P-8, T-10
Weight without clamping jig	kg	16.5	13.05
Max. dimensions (w x h x l)	mm	324x225x704	286x227x478
Accessorie delivered with saw		saw band, chain holder	saw band, chain holder

Type marking: RHP 100/2, 1.H
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HANDHELD HYDRAULIC BAND SAW
type marking

The product has been designed and constructed as the equipment group I (mine), category M2 and equipment group II (mine surface installations), category 2 according to the Directive 94/9/EC of the European Parliament and of the Council and meets the requirements for using in areas "dangerous atmospheric conditions 2" according to EN 1127-2+A1 and "zone 1" according to EN 1127-1 on condition that all national regulations of the employer are fulfilled.

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