PE WELDING EQUIPMENT · ALIGNERS

Ritmo Electrofusion Pipe Aligners

Professional tools that hold pipes still and aligned during electrofusion — from the lightweight UNIVERSAL 63 to the all-steel ALIGNER 125 – 500.

Ø20 – Ø500 MM | FIVE MODELS | 45° · 90° · TEE | ALUMINIUM & STEEL



UNIVERSAL ALIGNER 63

Made almost entirely from a special aluminium alloy, with a central joint for fixed positions at 45° and 90° and four self-centring clamps that need no adapters.

One section of the clamp axis and one clamp can be removed, allowing tapping tees to be welded.

Standard composition: aligner with four clamps, service spanner and transport bag.



Technical features	
Working range	Ø20 – 63 mm
Max dimensions (straight)	600 × 160 × 116 mm
Transport bag	440 × 190 × 140 mm
Weight aligner	3.4 kg
Weight standard composition	3.9 kg

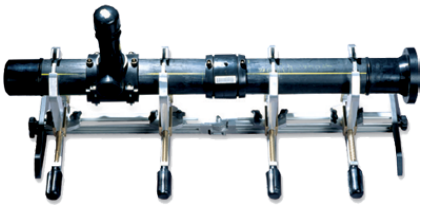
UNIVERSAL ALIGNER 160 LIGHT

Holds pipes Ø63 – 160 mm still and aligned during electrofusion. Aluminium alloy construction with a central joint for 45° and 90° and four self-centring clamps that need no adapters.

Quick-release clamps allow rapid extraction of the pipe once welded.

Standard composition: aligner with four clamps, transport bag or wooden transport case.

On request: 3rd axle with two clamps for welding tees.



Technical features	
Working range	Ø63 – 160 mm
Max dimensions (straight)	980 × 430 × 260 mm
Weight aligner	9 kg
Weight transport bag	1.5 kg
Weight transport case	14 kg

ALIGNER ECO 20 – 63

Two aluminium axes carry self-centring steel clamps that slide along their full length. A positioning plate allows in-line, 30°, 45°, 90° and tee welds.

Pipes are fixed with the supplied cable ties with fastener and quick release. Italian patent application N° 202015000029036.



Technical features	
Working range	Ø20 – 63 mm
Max dimensions	640 × 120 × 83 mm
Weight aligner	3 kg

ALIGNER ECO 63 – 180

All-steel aligner with a central adjustable joint set to four positions — 30°, 45°, 90°, in-line and tee welding. V-shaped clamps with fastening belts also centre the pipe; each axis has two guides for the clamps.

Side handles for easy handling. Available with 2 axes, or 3 axes for tee fittings.



Technical features	
Working range	Ø63 – 180 mm
Max dimensions 2 / 3 axes	915 × 140 × 130 / 915 × 575 × 130 mm
Weight 2 / 3 axes	7.5 / 10 kg

ALIGNER 125 – 500

All-steel aligner with a central adjustable joint for 45°, 90°, in-line and tee welding. V-shaped clamps with fastening belts also centre the pipe; each axis has two guides for the clamps.

Side handles for easy handling. Available with 2 axes, or 3 axes for tee fittings.



Technical features	
Working range	Ø125 – 500 mm
Max dimensions 2 / 3 axes	1815 × 610 × 410 / 1815 × 1230 × 410 mm
Weight 2 / 3 axes	38 / 52 kg

The information and photos in this publication are not binding and Ritmo S.p.A. is free to make any alterations without prior notice. Global Water Group — your trusted Ritmo distributor for PE welding solutions.

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