



MRSP Cembre® TECHNICAL DATASHEET

Edition	Restyling
Feed	Left-side feed
Feed system	Pneumatic
Working height	135.8 ±0.02 mm (5.35 in)
Stroke	40 mm (1.57 in) Double-Step
Cable cross-section	Max 10 mm ² (7 AWG)
Terminal pitch	Max 38 mm (1.5 in)
Terminal thickness	Max 1.2 mm (0.047 in)
Height regulation system	Continuously adjustable ring
Adjustment range	2.7 mm (0.106 in)
Resolution	0.01 mm (0.00039 in)
Feed speed adjustment	Pneumatic flow regulator
Weight	4.1 Kg (9 lb)
Dimensions [LxPxH]	155 x 110 x 150 mm (6.1 x 4.3 x 5.9 in)
Operating pressure	6 Bar (87 psi)
Air consumption	0.32 NI/cycle
Compatibility with Mecal Crimping machines	TT – P107c – P020i with Double-Step function

DESCRIPTION

MRSP Cembre® applicators are pneumatic tools designed for crimping lug terminals onto wires. They are compatible with a wide range of wire cross-sections up to 10 mm² (7 AWG) and with terminals up to 1.2 mm (0.047 in) thick and a pitch up to 38 mm (1.5 in). The applicator features a cast-iron structure with a left-side configuration. It is equipped with a dedicated wire entry system to facilitate insertion of the conductor into the terminal. The insertion system and crimping dies are front-mounted, allowing easy access and quick replacement of wear parts.

The applicator includes a continuously adjustable head for crimp height regulation, with a precision of 0.01 mm (0.00039 in) and an adjustment range of 2.7 mm (0.106 in). Alternatively, a fixed-step adjustment ring can be supplied, configured according to the specific terminal requirements.

Terminal feeding is pneumatically actuated, ensuring precise positioning of the terminal on the crimping dies and allowing extended pitch travel.

The applicator is also equipped with a non-resettable seven-digit piece counter, enabling monitoring of the number of crimps performed and facilitating maintenance planning for wear components.

The product is supplied with digital documentation available through a dedicated cloud platform, including the user manual, datasheet (containing model, serial number and test data), bill of materials, exploded drawing and certification. Upon request, a detailed crimping study can be provided, including capability tests and micrographic cross-sections of crimped terminals. Complete printed documentation can also be supplied together with the applicator, upon request.