

CM-D500A Compacting Module

Compacting module with FD-50000 weld head

The CM-D500A compacting module from AMADA WELD TECH GmbH is designed for compacting with high forces and high currents.

It is ideally suited for copper stranded wires and provides precise and reproducible quality.

Application for compacted cables are e.g. in the electronics, automotive and battery industries.

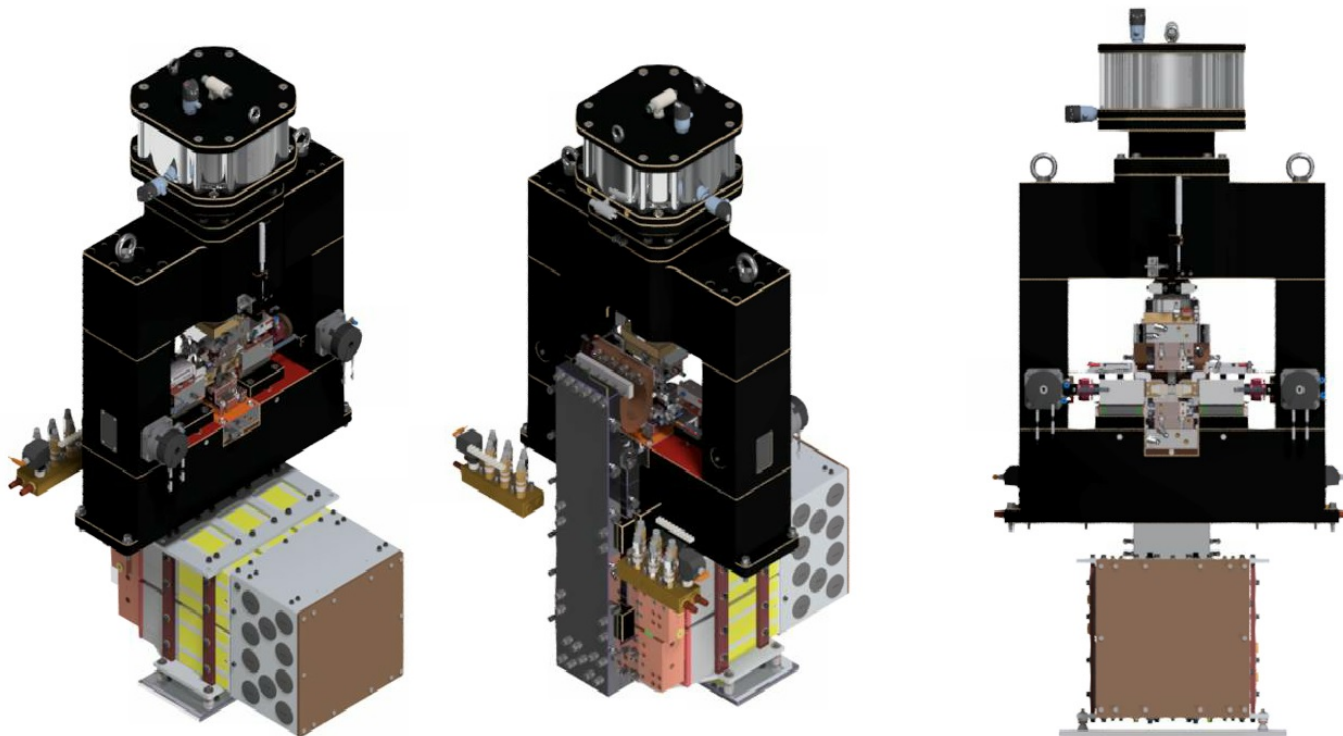
Key Features of CM-D500A Compacting Module

- Compact design for easy integration into automated systems
- Frame structure providing maximum stiffness
- Force is centrally applied
- Advanced cooling system benefits cycle times and durability
- Front loading
- Several unit options, including double closing or single closing right/left

Specifications CM-D500A Compacting Module

MODEL SPECIFICATIONS	CM-D500A
Configuration	Compacting Module for copper stranded wires; double closing
Compacting force	up to 50.000 N (pneumatic)
Copper braid diameter	Cross section up to 95 mm ²
Compacted surface (WxH)	e.g. 17 x 25 mm
Cooling	Water cooled
Environment Temperature	10-40 °C
Air pressure supply	max. 6 bar
Control system	Via PLC
Options	Digital Resistance Welding Monitoring with MG3
WEIGHT & DIMENSIONS	CM-D500A incl. weld head
Weight	approx. 250 kg
Dimensions (WxHxD)	670 x 1000 x 325 mm (without transformer, without secondary cables)

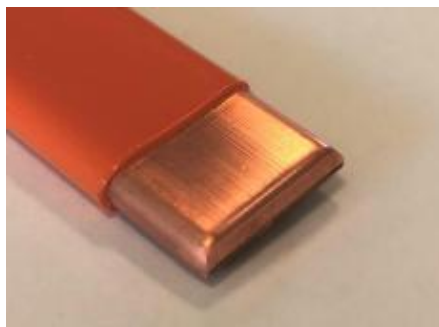
Drawings CM-D500A Compacting Module



Product applications CM-D500A Compacting Module



Compacting copper braids

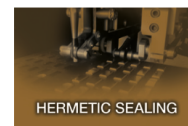


Compacting high voltage cables

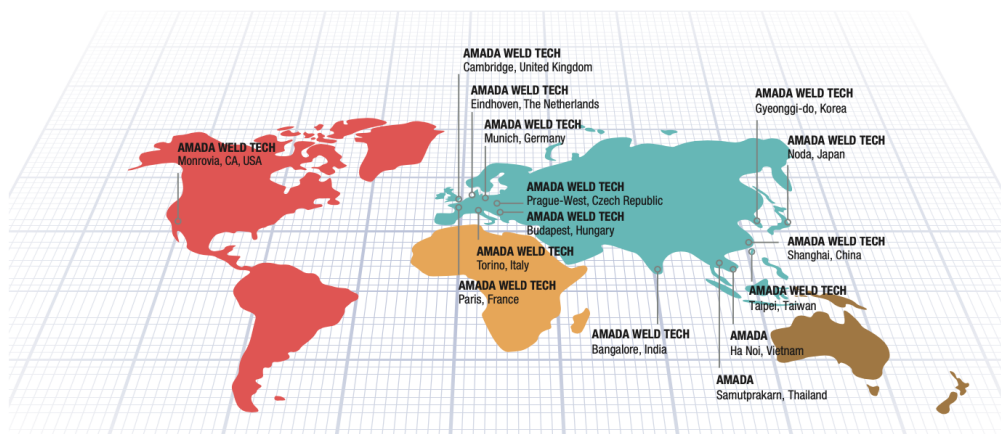
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AMADA WELD TECH

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