

MULTIWIRE DRAWING MACHINE

16- AND 24-WIRE COPPER DRAWING WITH IN-LINE ANNEALING

Application

Copper and tinned-copper wire drawing for cable conductors.
Multiple wires are reduced in parallel and annealed in-line.

Key Features

Multi-motor drive with precision gearbox transmission.
Modular electrical control and control-system diagnostics.
In-line DC resistance annealing with IGBT control and automatic lubrication.

Technical Parameters	16-Wire Configuration	24-Wire Configuration
Machine model	MD100	MD100
Number of parallel wires	16 wires	24 wires
Number of drawing passes	22 passes	25 passes
Inlet wire diameter (mm)	1.80-2.00 mm	1.80-2.00 mm
Finished wire diameter (mm)	0.18-0.50 mm	0.15-0.40 mm
Max. mechanical speed (m/s)	32 m/s	32 m/s
Number of drive motors	2-3 motors	2-5 motors
Annealing voltage (V)	60 V	60 V

