

RMW

Five Stands **HC**  
Rectangular Magnet Wire Rolling Mill

**BÜHLER REDEX**  
Metal Precision Machines



*A Complete Range of RECTANGULAR WIRE ROLLING MILLS  
for Copper magnet wire*

# RMW HC

A Complete Range of **RECTANGULAR WIRE ROLLING MILLS** for Copper Magnet wire

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## Features

✓ HC 5-Stands Rolling Mills are dedicated to the processing of copper round drawn wires into rectangular wires with rolled edges, according to DIN - BS or IEC standards.

## Flexible and efficient design

- ✓ One pay-off spooler, hydraulically operated
- ✓ One two-high breakdown rolling mill
- ✓ Two two-high finishing rolling mill, with motorized screwdown system and parallelism adjustment
- ✓ Two motorized edger, type E150, with fast changing system
- ✓ Four tensiometers, located between the stands to make the settings easier
- ✓ One filtration system (spraying liquid)
- ✓ One continuous automatic control gauge
- ✓ One take-up traversing spooler

## Advanced operator HMI interface

- ✓ The equipment control panel is designed to easily move all along the rolling mill
- ✓ Provides easy display of production and maintenance data
- ✓ Allows to easily create production jobs and to provide full reports
- ✓ Monitors a detailed synoptic of the rolling mill to provides a full actual process picture with settings at the operator's fingertips

Configuration		RMW 200-150HC	RMW 422-150HC	RMW 522-150HC
Breakdown Two-high mill	Ø mm	<b>160</b>	<b>220</b>	<b>250</b>
First Edger mill	Ø mm	150	150	150
Second Two-high mill	Ø mm	120	160	160
Second Edger mill	Ø mm	150	150	150
Third Two-high mill	Ø mm	120	160	160
Available rolling power	kW	<b>220</b>	<b>320</b>	<b>400</b>
Max entry wire	Ø mm	10	13	15
Max entry wire / 70% breakdown	Ø mm	8	10	12
Cross section	mm <sup>2</sup>	2 to 60	2 to 100	2 to 125
Yearly capacity reference	Ton	3500	4000	5000

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