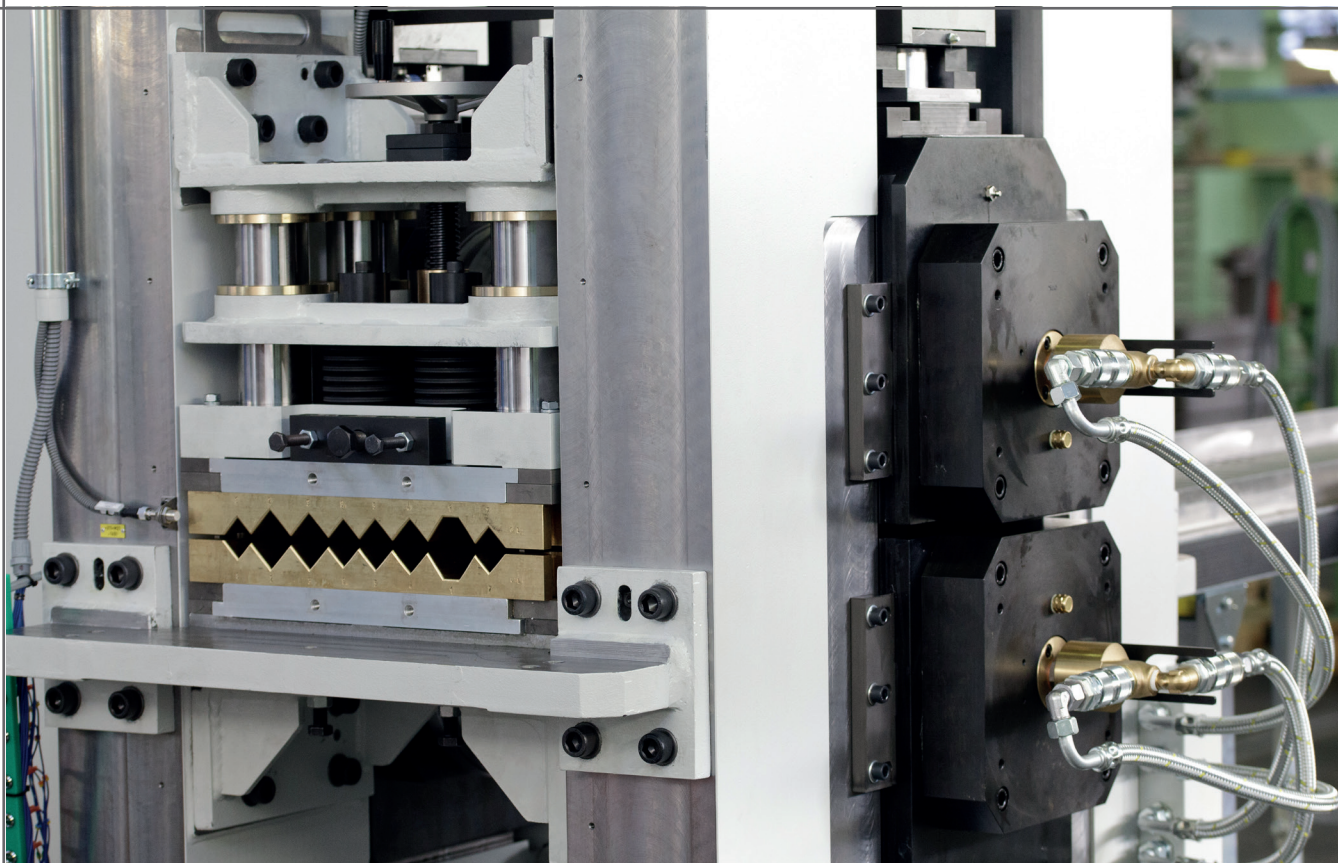


WRM

Wire Reduction Mill

BÜHLER REDEX
Metal Precision Machines



*A Complete Range of WIRE REDUCTION MILLS for all Precious Metals
and Special Metal Alloys*

WRM

A Complete Range of **WIRE REDUCTION MILLS** for all Precious Metals and Special Metal Alloys

Features

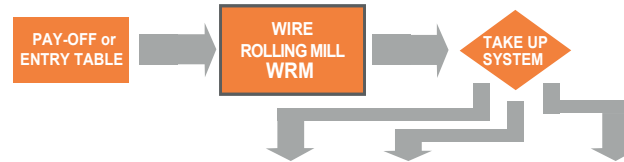
- High precision Servo mechanical screw down system
- Strong Universal Rolling Stand for heavy duty roughing or finishing application
- Hardened and profiled ground rolls in High Chromium Steel
- Precision guides for Round/Oval, or Square/Round Reduction
- Operator friendly including Predictive Maintenance
- Fully automatic reversing mode for bars and wire

Improved Quality and Performance

- Precision prepositioning of the roll gap
- Optimisation of grooves forms by FEM
- High Accuracy

Lower Operation Costs

- Low energy consumption and reduced footprint
- Quick change of roll cassettes
- Full digital control through Bühler Redex's firmware
- Efficient Life cycle service, Roll service, Training, Roll Schedule support, Spare Parts
- Efficient Hot Line with remote control for Teleservice



TAKE UP UNITS		Spooler		Coiling capstan		Down coiler			
		Horizontal cantilever spool shaft		Vertical capstan		Wire Bending unit, dropping guides and container			
Design	mm								
Packing / Container type	mm	Spool		Coil Ø 400		Basket / Stems		Basket	
Weight	kg	50	500	50	200	100	1000	100	2000
Wire diameter	mm	0.4	4.5	0.5	4.5	1	8	4	14
Machine name	kN	HSR50 HSR500		VCC400		DC8-1000		DC14-2000	

WRM Options

- Continuous Measurement of Diameter
- Minimal lubrication or Wet operation
- Water cooled Carbide Rolls for long life operation
- Tandem configuration available
- A complete range of Pay-off and Take-up Systems

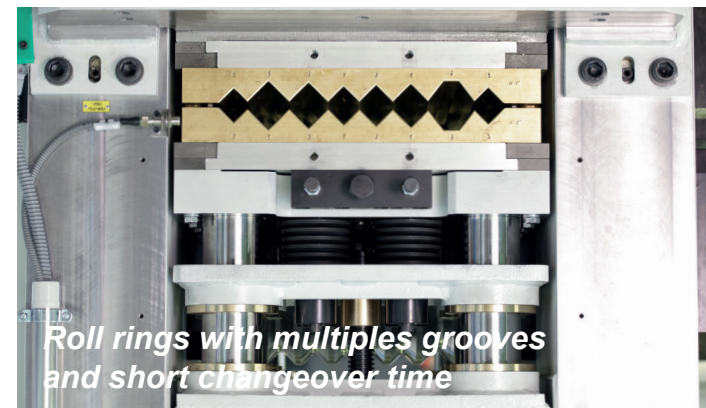
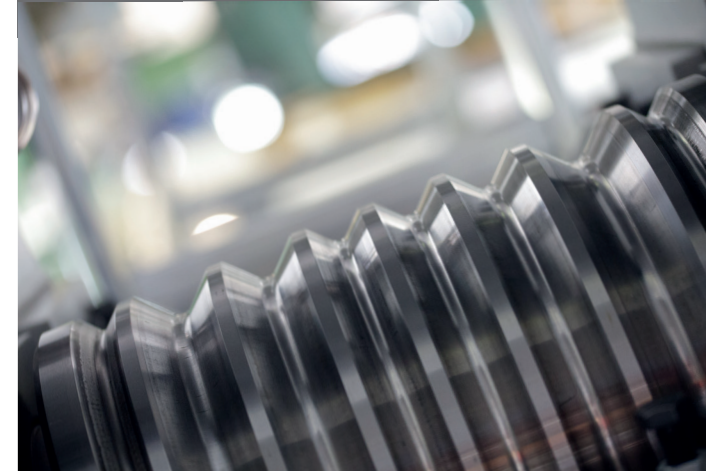
Configuration		WRM 1		WRM 2		WRM 3		WRM 4		WRM 5		WRM 6	
Roll diameter	mm	70		100		120		180		250		400	
Roll width	mm	100	140	120	200	200	250	250	350	200	400	500	750
Wire diameter	mm	0.5	3	1	7	5	16	8	25	10	40	20	70
Separating force	kN	50		100		150		200		400		800	
Standard Equipment		WRM 1 70 100		WRM 2 100 200 WRM 2 100 120		WRM 3 20 250 WRM 3 20 200		WRM 4 180 350 WRM 4 180 250		WRM 5 250 300 WRM 5 220 400 WRM 5 250 400		WRM 6 400 600 WRM 6 400 750	

Other Width References possible

BÜHLER REDEX GmbH | Kandelstr. 20 | 75179 | Pforzheim | Germany

A **REDEX** Group Company

BÜHLER REDEX
Metal Precision Machines



Roll rings with multiples grooves and short changeover time

www.buehler-redex.com

E. info@buehler-redex.com

T. +49 7231 7755-0 F. +49 7231 7755-54