



GRIZZLY
ANGLE ROLL

by OLB Machinery srl owned by 1960 Seravesi

**FORCE
ACCURACY
AND SPEED!**



GRIZZLY

ANGLE ROLL

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MACHINE FOR BENDING OF PROFILES AND TUBES

OLB Machinery srl was founded in 1985 by two partners, with the purpose of designing and building small profile bending machines.

The machines immediately begin to be produced for the German market, given the high quality of the components and the design itself.

A complete range is then developed, starting from small machines with a 20 mm (13/16") shaft to the largest with an 80-mm (3-3/16") shaft. Also due to the needs of the German market, the hydraulic machine series was developed; later, in the 2000s, the machines were equipped with the third driving roller, with the purpose of eliminating the knurling on the rollers, which was necessary to ensure the dragging of the profile; thanks to this new solution, the rollers could then be smooth and leave no marks on the curved profile.

Over the years, OLB began to export the machines overseas, especially to the North American market.

Over the past few years then, new control systems and even a hybrid system were developed to improve the energy efficiency of the machines.

The machines are entirely designed in our facility and completely built in Italy by our experienced assemblers, with European components.

MÁQUINA PARA CURVAR PERFILES Y TUBOS

OLB Machinery srl fue fundada en 1985 por dos socios con el objetivo de diseñar y construir pequeñas máquinas curvadoras de perfiles.

Las máquinas empezaron a fabricarse inmediatamente para el mercado alemán, dada la alta calidad de los componentes y del propio diseño.

A continuación se desarrolló una gama completa, empezando por máquinas pequeñas con un eje de 20 mm, hasta la más grande con un eje de 80 mm. También para las necesidades del mercado alemán, se desarrolló la serie de máquinas hidráulicas; más tarde, en la década de 2000, las máquinas se equiparon con el tercer rodillo de arrastre, con el objetivo de eliminar el moleteado de los rodillos, necesario para garantizar el arrastre del perfil; gracias a esta nueva solución, los rodillos podían ser lisos y no dejar marcas en el perfil curvado.

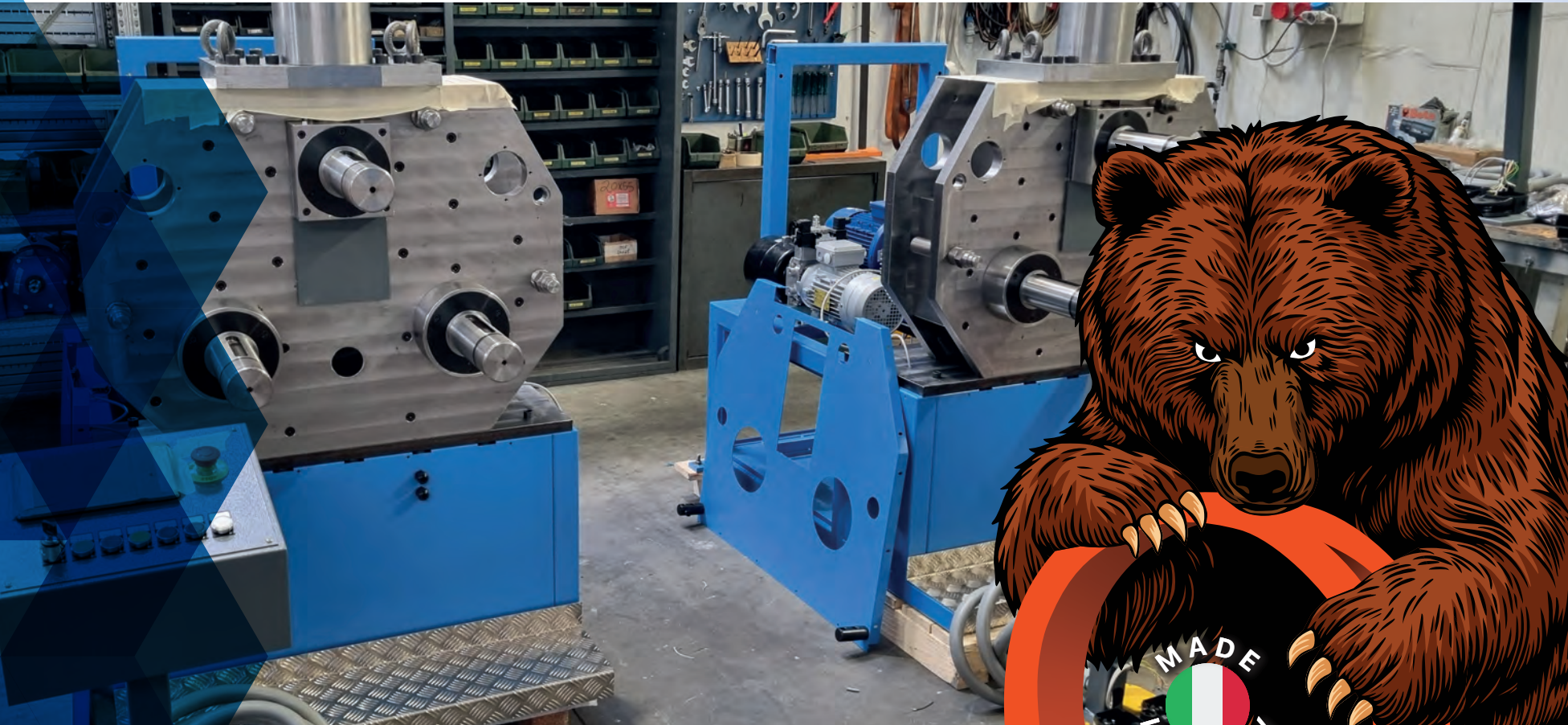
Con el paso de los años, las máquinas empezaron a exportarse al extranjero, especialmente al mercado norteamericano.

En los últimos años, se han desarrollado nuevos sistemas de control y también un sistema híbrido para mejorar la eficiencia energética de las máquinas.

Las máquinas se diseñan íntegramente en nuestra fábrica y se construyen completamente en Italia por nuestros expertos montadores, con componentes europeos.

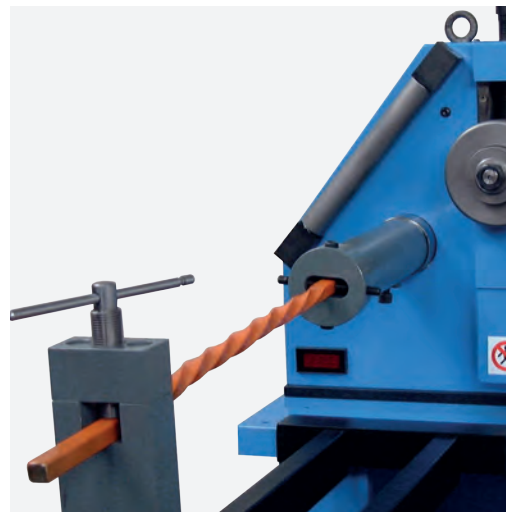


FORCE, ACCURACY AND SPEED!

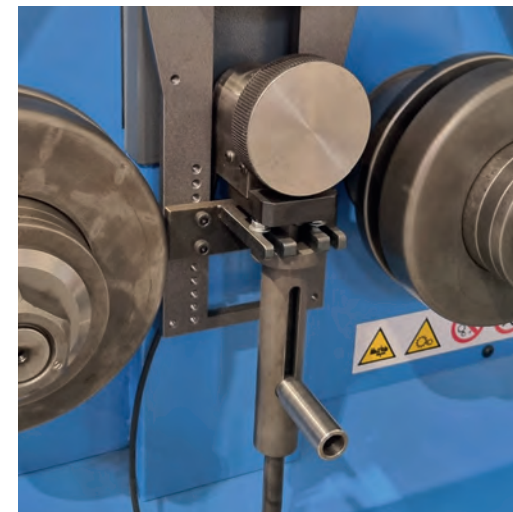




CURLING DEVICE
DISPOSITIVO RIZADOR



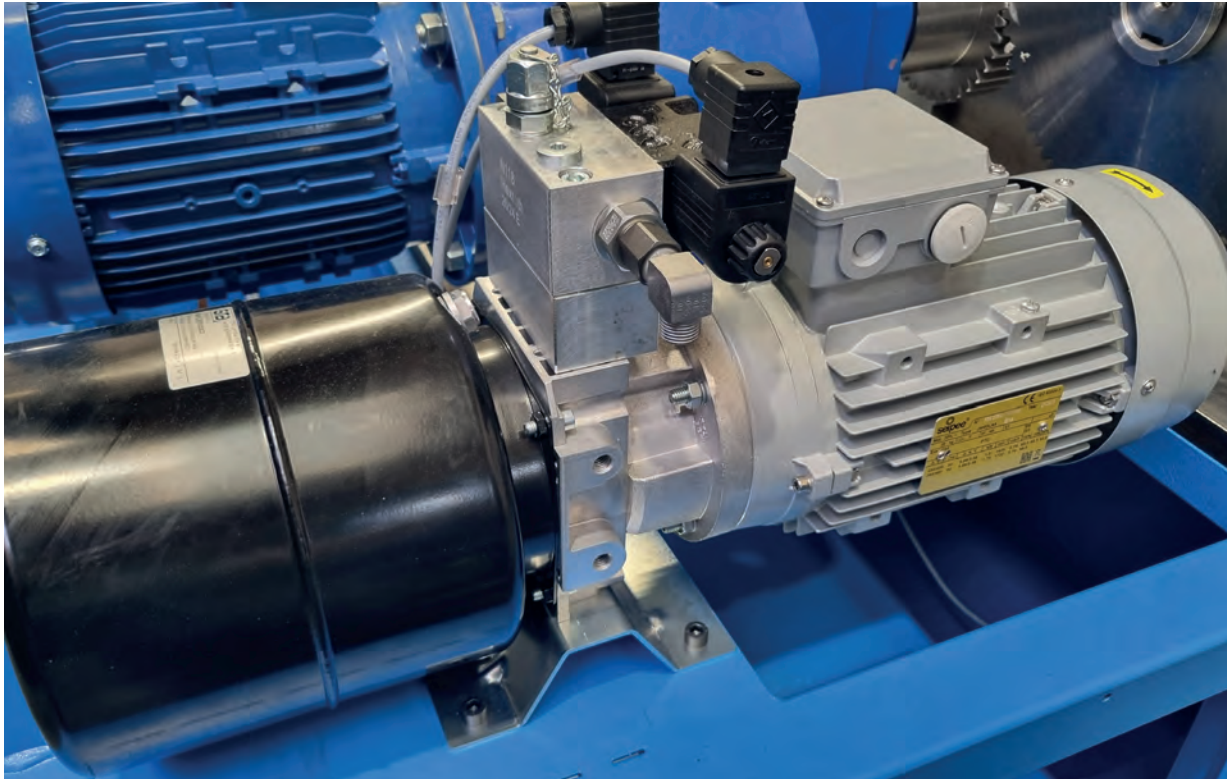
TWISTING DEVICE
DISPOSITIVO DE TORSIÓN



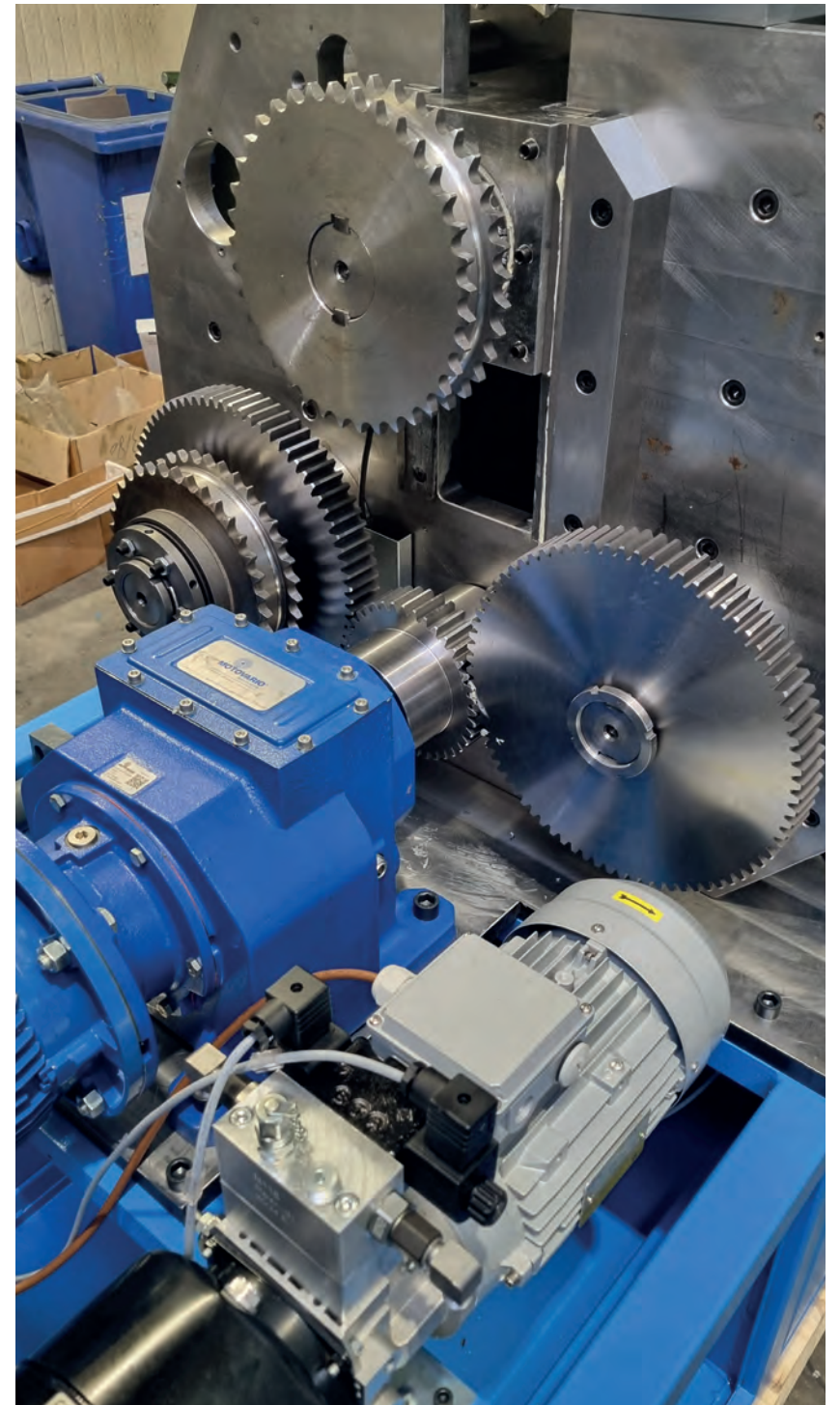
ENCODER FOR CNC SYSTEM
ENCODER PARA CONTROL NUMÉRICO

CNC CONTROL SYSTEM CONTROL NUMÉRICO





HYDRAULIC UNIT COMPLETELY SEALED
UNIDAD HIDRÁULICA TOTALMENTE SELLADA



ROLLS MOTORIZATION
MOTORIZACIÓN DE RODILLOS

HYDRAULIC ANGLE ROLL WITH 3 MOTORIZED ROLLS
CURVADORA HIDRAULICA DE PERFILES CON 3 RODILLOS
MOTORIZADOS

MANUAL ANGLE ROLL WITH 3 MOTORIZED ROLLS
CURVADORA DE PERFILES MANUAL CON 3 RODILLOS
MOTORIZADOS



RBM 3/20 H

1 SET OF STANDARD ROLLERS + CONTROL PANEL WITH
ELECTRONIC DISPLAY
1 JUEGO DE RODILLOS ESTANDAR + PANEL CON
PANTALLA ELECTRONICA

RBM 3/20 MP

1 SET OF STANDARD ROLLERS + FOOT PEDALS
1 JUEGO DE RODILLOS ESTANDAR + PEDAL DE MANDO

RBM 3/20 MDP

1 SET OF STANDARD ROLLERS + FOOT PEDALS +
ELECTRONIC DISPLAY
1 JUEGO DE RODILLOS ESTANDAR + PANEL CON
PANTALLA ELECTRONICA

MANUAL ANGLE ROLL WITH 2 OR 3 MOTORIZED ROLLS
CURVADORA DE PERFILES MANUAL CON 2 O 3 RODILLOS
MOTORIZADOS



RBM N30/3 MP

1 SET OF STANDARD ROLLERS + FOOT PEDALS
1 JUEGO DE RODILLOS ESTANDAR + PEDAL DE MANDO

RBM N30/3 MDP

1 SET OF STANDARD ROLLERS + FOOT PEDALS +
ELECTRONIC DISPLAY
1 JUEGO DE RODILLOS ESTANDAR + PEDAL DE MANDO +
INDICATOR DIGITAL

HYDRAULIC ANGLE ROLL WITH 2 OR 3 MOTORIZED ROLLS
CURVADORA HIDRAULICA DE PERFILES CON 2 O 3
RODILLOS MOTORIZADOS

MANUAL ANGLE ROLL WITH 2 OR 3 MOTORIZED ROLLS
CURVADORA DE PERFILES MANUAL DE PERFILES CON
2 O 3 RODILLOS MOTORIZADOS



ON REQUEST CNC CONTROL VERSION
VERSION CNC BAJO PEDIDO

RBM 3/40 H

1 SET OF STANDARD ROLLERS + CONTROL PANEL
WITH ELECTRONIC DISPLAY
1 JUEGO DE RODILLOS ESTANDAR + PANEL CON
PANTALLA ELECTRONICA

RBM 2/40 MDP

1 SET OF STANDARD ROLLERS + FOOT PEDALS + ELECTRONIC DISPLAY
1 JUEGO DE RODILLOS ESTANDAR + PEDAL DE MANDO +
INDICATOR DIGITAL

RBM 3/40 MPD

1 SET OF STANDARD ROLLERS + FOOT PEDALS
1 JUEGO DE RODILLOS ESTANDAR + PEDAL DE MANDO

HYDRAULIC ANGLE ROLL WITH 3 MOTORIZED ROLLS
CURVADORA HIDRAULICA DE PERFILES CON 3 RODILLOS
MOTORIZADOS

ON REQUEST CNC CONTROL VERSION
VERSION CNC BAJO PEDIDO



RBM 3/50 H

1 SET OF STANDARD ROLLERS + CONTROL PANEL
WITH ELECTRONIC DISPLAY
1 JUEGO DE RODILLOS ESTANDAR + PANEL CON
PANTALLA ELECTRONICA

HYDRAULIC ANGLE ROLL WITH 2 OR 3 MOTORIZED ROLLS
CURVADORA HIDRAULICA DE PERFILES CON 2 O 3 RODILLOS
MOTORIZADOS

ON REQUEST CNC CONTROL VERSION
VERSION CNC BAJO PEDIDO



RBM N3/60 H

1 SET OF STANDARD ROLLERS + CONTROL PANEL
WITH ELECTRONIC DISPLAY
1 JUEGO DE RODILLOS ESTANDAR + PANEL CON
PANTALLA ELECTRONICA

RBM N2/60 H

1 SET OF STANDARD ROLLERS + CONTROL PANEL
WITH ELECTRONIC DISPLAY
1 JUEGO DE RODILLOS ESTANDAR + PANEL CON
PANTALLA ELECTRONICA

HYDRAULIC ANGLE ROLL WITH 3 MOTORIZED ROLLS
CURVADORA HIDRAULICA DE PERFILES CON 3 RODILLOS
MOTORIZADOS

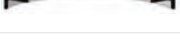
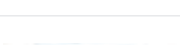
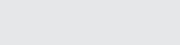
ON REQUEST CNC CONTROL VERSION
VERSION CNC BAJO PEDIDO



RBM 3/80 H

1 SET OF STANDARD ROLLERS + CONTROL PANEL
WITH ELECTRONIC DISPLAY
1 JUEGO DE RODILLOS ESTANDAR + PANEL CON
PANTALLA ELECTRONICA

BENDING CAPACITY		RBM 3/20H					RBM N30/3 MDP					RBM 3/40 H SA				
REF	SECTION	SIZE		DIAMETER		NOTE	SIZE		DIAMETER		NOTE	SIZE		DIAMETER		NOTE
1		10x2 25x6	3/8x1 1/16 1x1 1/4	80 200	3 1/2 8	standard rolls	20x6 50x10	3/4x1/4 2x3/8	200 400	8 16	standard rolls	20x5 80x10	1x3/16 2 1/4x3/8	200 500	8 20	standard rolls
2		20x3 45x10	3/4x1/8 1 3/4x3/8	90 300	4 12	standard rolls	30x6 80x15	1 1/4x1/4 1 1/4x5/8	200 400	8 16	standard rolls	50x10 100x15	2x3/8 4x5/8	200 400	8 16	standard rolls
3		12	1/2	80	3 1/2	standard rolls	10 30	3/8 1 1/4	100 600	4 24	standard rolls	10 35	3/8 1 3/8	200 500	8 20	standard rolls
4		15x15x3 25x25x4	5/8X5/8x1/8 1x1x1/8	100 120	4 5	standard rolls	20x20x3 50x50x8	3/4x3/4x1/8 2x2x5/16	250 500	10 20	standard rolls	20x20x3 60x60x7	3/4x3/4x1/8 3 1/8x3 1/8x3/8	250 600	10 24	standard rolls
5		15x15x3 25x25x4	5/8X5/8x1/8 1x1x1/8	100 160	5 6	standard rolls	20x20x3 50x50x8	3/4x3/4x1/8 2x2x5/16	200 550	8 22	standard rolls	30x30x4 50x50x6	1 1/4x1 1/4x1/8 3 1/8x3 1/8x3/8	200 600	8 24	standard rolls
6		25x12x1.5 30x15x4	1X1/2x1/16 1 1/8x5/8x5/32	120 200	5 8	standard rolls	30x15x4 50x25x5	1 1/4x5/8x1/8 2x1x1/4	250 300	10 12	standard rolls	40x30x6 120x55x7	1 1/4x5/8x5/8 3 1/4x1 3/4x1/4	250 600	10 24	standard rolls
7		30x15x4	1 1/8x5/8x5/32	250	10	standard rolls	50x25x5	2x1x1/4	400	16	standard rolls	40x20x5 80x45x6	1 1/2x5/4x1/8 3 1/4x1 3/4x1/4	300 800	12 30	standard rolls
8		20x20x4	3/4x3/4x1/8	200	8	special rolls	40x40x5	1 1/2x1 1/2x3/16	400	16	special rolls	25x25x4 50x50x6	1x1x1/8 2x2x1/4	300 450	12 18	special rolls
9		20x20x4	3/4x3/4x1/8	250	10	special rolls	35x35x5	1 1/2x1 1/2x3/16	400	16	special rolls	30x30x4 50x50x6	1 1/4x1 1/4x1/8 2x2x1/4	350 600	14 24	special rolls
10		30x10x1.5	1 1/18x3/8x1/16	250	10	special rolls	50x30x3	2x1 1/4x1/8	1500	16	special rolls	20x10x1.5 60x40x3	1x3/8x1/16 2 1/4x1 1/2x1/8	250 1400	10 55	special rolls
11		12	1/2	80	3 1/2	special rolls	10 30	3/8 1 1/4	150 600	4 24	special rolls	10 35	3/8 1 3/8	200 500	8 20	special rolls
12		10x1.5 3/4 " GAS	3/8x1/16 1 1/16	80 400	3 1/2 16	special rolls	3/8 " GAS 1 1/2 " GAS	1/2 2	150 400	6 16	special rolls	1/2 " GAS 2 " GAS	3/4 2	200 1000	8 40	special rolls
13		30x1.5	1 1/8x1/16	400	16	special rolls	60x1.5	2 1/2x1/16	1000	40	special rolls	70x1.5	2 1/2 - 1/16 2 3/4 - 1/16	1000	60	special rolls
TECHNICAL DATA		Shafts Diameters mm.20 13/16" Shafts Speed 12.5 RPM Three lorming rolls knuried Approximate weight: kg 90 - lbs 200 Packing dimension mm: B 520X600 - H 600 Pressure of the hydraulic cylinder kg 2000 (2 t.)					Shafts Diameters mm.30 1 - 3/16" Shafts Speed 7 RPM Three lorming rolls knuried Approximate weight: kg 160 - lbs 355 Packing dimension mm: B 650X550 - H 630					Shafts Diameters mm.40 1 - 9/16" Shafts Speed 6 RPM Three lorming rolls smhoot Approximate weight: kg 490 - lbs 1085 Packing dimension mm: B 650X900 - H 1400 Pressure of the hydraulic cylinder kg 8000 (8 t.)				
STANDARD EQUIPMENT		Standard rolls Lateral Stranghteners		Service spanners Instruction manual			Standard rolls Lateral Stranghteners		Service spanners Instruction manual			Standard rolls Lateral Stranghteners		Service spanners Instruction manual		

BENDING CAPACITY		RBM 3/50 H SA					RBM N60/3 H SA					RBM 3/80 H				
REF	SECTION	SIZE		DIAMETER		NOTE	SIZE		DIAMETER		NOTE	SIZE		DIAMETER		NOTE
1		20x10 60x12	3/4x3/8 2 1/2x1 1/2	250 600	10 24	standard rolls	40x10 80x15	1 1/2x3/8 3 1/4x5/8	280 600	11 24	standard rolls	100x15	4x5/8	850 33		standard rolls
2		50x12 100x20	2x1 1/2 4x3/4	300 400	12 16	standard rolls	50x10 120x25	2x3/8 5x1	300 400	12 26	standard rolls	130x30	5x1 1/8	700 28		standard rolls
3		15 40	5/8 1 1/2	250 700	10 28	standard rolls	20 50	3/4 2	250 600	10 24	standard rolls	50	2	1000 40		standard rolls
4		30x30x5 60x60x8	1 1/4x1 1/4x1/8 2 1/2x2 1/2x5/16	350 650	14 26	standard rolls	40x40x5 80x80x9	1 1/2x1 1/2x1/8 3 1/8x3 1/8x3/8	350 800	14 30	standard rolls	80X80X10	3x3x3/8	1000 40		standard rolls
5		30x30x5 60x60x8	1 1/4x1 1/4x1/8 2 1/2x2 1/2x5/16	350 700	14 28	standard rolls	40x40x5 80x80x9	1 1/2x1 1/2x1/8 3 1/8x3 1/8x3/8	250 1000	10 40	standard rolls	UPN 140		1200 50		standard rolls
6		40x20x5 100x50x6	1 1/2x3/4x1/8 4x2x1/4	450 800	18 32	standard rolls	60x30x6 120x55x7	2 1/2x1 1/4x1/4 5x2 1/4x1/4	350 600	14 24	standard rolls	UPN 140		1000 40		standard rolls
7		40x20x5 100x50x6	1 1/2x3/4x1/8 4x2x1/4	500 900	20 36	standard rolls	60x30x6 120x55x7	2 1/2x1 1/4x1/4 5x2 1/4x1/4	500 1000	20 40	standard rolls	UPN 100		800 30		standard rolls
8		30x30x5 60x60x6	1 1/4x1 1/4x1/8 2 1/2x2 1/2x1/4	400 800	16 32	special rolls	40x40x5 70x70x7	1 1/2x1 1/2x1/8 2 3/4x2 3/4x1/4	400 800	16 32	special rolls	80X80X10	3x3x3/8	1200 50		special rolls
9		30x30x5 60x60x6	1 1/4x1 1/4x1/8 2 1/2x2 1/2x1/4	500 900	20 36	special rolls	40x40x5 70x70x7	1 1/2x1 1/2x1/8 2 3/4x2 3/4x1/4	600 1000	24 40	special rolls	80X80X10	3x3x3/8	1100 45		special rolls
10		30x15x1.5 70x40x3	1 1/4x5/8x1/16	1500	60	special rolls	40x40x2 80x40x3	1 1/2x3/4x1/16 2 3/4x1 1/2x1/8	400 1200	24 40	special rolls	70X70X5	2 3/4x2 3/4x1/8	2500 85		special rolls
11		15 40	5/8 1 1/2	300 800	12 32	special rolls	20 50	3/4 2	300 600	12 24	special rolls	IPE 120		1000 40		special rolls
12		3/8 " GAS 2 1/2 " GAS	1/2 3	300 1500	12 60	special rolls	33.7x2.6 88.9x3.2	1 1/4 - (1° GAS) 3 1/2 - (3° GAS)	400 1500	16 60	special rolls	120x2 3 " GAS	5x1/16	3000 1000	120 40	special rolls
13		80x1.5	3 1/8x1/16	1300	52	special rolls	100x2	4	1800	70	special rolls					
TECHNICAL DATA		Shafts Diameters mm.50 2" Shafts Speed 7 RPM Three lorming rolls knurled Approximate weight: kg 710 - lbs 1572 Packing dimension mm: B 760X800 - H 1300 Pressure of the hydraulic cylinder kg 13000 (13 t.)					Shafts Diameters mm.60 2 - 3/8" Shafts Speed 6 RPM Three lorming rolls knurled Approximate weight: kg 1210 - lbs 2680 Packing dimension mm: B 870X1125 - H 1620 Pressure of the hydraulic cylinder kg 18000 (18 t.)					Shafts Diameters mm.80 3 - 3/16" Shafts Speed 7 RPM Three lorming rolls knurled Approximate weight: kg 1380 - lbs 3036 Packing dimension mm: B 980X1600 - H 1430 Pressure of the hydraulic cylinder kg 26500 (26.5 t.)				
STANDARD EQUIPMENT		Standard rolls Lateral Stranghteners		Service spanners Instruction manual			Standard rolls Lateral Stranghteners		Service spanners Instruction manual			Standard rolls Lateral Stranghteners		Service spanners Instruction manual		



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