

## 3-Roll Double Pinch Section Rolls

*Superior Quality*



The RCMI series "double pinch" angle rolls are expressly designed for rolling profiles with high resistance to the process.

This is the reason why the structures are heavily dimensioned and are built with heavy thickness plates of certified quality steel. They are electro-welded and heat treated to release the internal stresses. The solidity of the structure is in fact an essential parameter to guarantee reliability and precision through the years.


The RCMI series angle rolls offer superior quality and includes many accessories supplied as standard equipment.


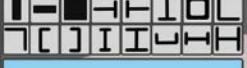
The large series of rolls allows all the standard profiles to be rolled (including beams, columns and channels rolled on edge).

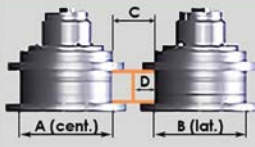
The adaptability of the special modular system of bending rolls guarantees the best possible guide for the profile during the complete rolling process.

The 2 lateral guide rolls are, as standard, independently adjustable in 6 directions to guarantee the best control of the planetary rolling, to calibrate diameters and to prevent twisting of asymmetrical sections.

State of the art numerical controls available in different solutions:

**FACCIN** 

Profile	
Special roll	
Standard roll	
Size	
Cent. roll diameter	297
Side roll diameter	298
Thickness	60.3
Off-set	0.0
Height	18.0



Previous Profiles Archive

- Profile shape selection
- Automatic calculation of bending program
- Graphic simulation
- Up to 11 controlled axis
- Program database and Dxf import

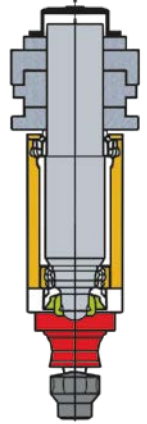
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














### Standard equipment

- Standard or universal rolls for rolling all the standard sections
- Fast roll change system (TIMS Technology)
- Motorised fine adjustment of the universal rolls' height
- Independent adjustment of the two bending rolls (double pinch)
- External guide rolls independently adjustable in six directions
- Simultaneous translating and rotating movements for the bending rolls
- Infinitely variable rotation speed for interpolation between different radii
- Automatic hydraulic compensation of rolls rotational speed
- Three hydraulic motors and three planetary gearboxes for rolls rotation
- Special high resistance heat treated forged steel used for the rolls
- Roll shafts made of NiCrMo alloy steel hardened and ground
- Choose from on wheels or pendant type console
- Machine CE certified for its safety

### Optional features

- Pipe and RHS rolling dies
- Hard way rolling units (push/pull devices)
- Spiralling device
- Automatic section feeding
- Special versions available
- Electronic templates
- Graphic Numerical Controls
- Mandrel system for hollow sections



PROFILES	RCMI 110	RCMI 130	RCMI 170	RCMI 190	RCMI 240	RCMI 280	RCMI 320	RCMI 360	RCMI 400
1    mm	200x40 ø1300	240x30 ø1000	260x40 ø1300	350x50 ø1200	350x70 ø2000	450x70 ø2000	500x80 ø1800	550x100 ø2000	450x120 ø2200
2    mm	100x25 ø800	120x30 ø1200	150x40 ø1400	150x50 ø1200	200x50 ø2000	250x50 ø2000	250x70 ø2000	300x70 ø2800	300x100 ø3000
3    mm	ø80 ø850	ø90 ø1000	ø110 ø1100	ø130 ø1600	ø150 ø2000	ø170 ø1800	ø200 ø2600	ø230 ø2600	ø250 ø3000
4    mm	70x70 ø800	80x80 ø900	90x90 ø1200	115x115 ø1600	130x130 ø2000	145x145 ø2000	170x170 ø2800	200x200 ø2200	230x230 ø3000
5    mm	100x12 ø1200	120x12 ø1600	150x15 ø2800	180x15 ø2800	200x20 ø3000	200x20 ø2800	200x28 ø2500	200x28 ø2500	200x28 ø2500
6    mm	100x12 ø800	130x12 ø1300	150x16 ø1800	180x15 ø2000	200x20 ø2200	200x26 ø2000	200x28 ø1600	200x28 ø1500	200x28 ø1800
7    mm	130x13 ø1300	140x15 ø1400	150x15 ø1500	160x20 ø1500	200x20 ø1800	200x28 ø2000	200x28 ø1600	200x28 ø1600	200x28 ø1700
8    mm	90x8	100x8	120x8	150x8	160x10	200x13	260x13	310x13	400x18
9    mm	110x12 ø1100	130x15 ø1500	150x16 ø1500	180x16 ø1800	200x20 ø3000	200x28 ø2500	200x28 ø2000	200x28 ø2000	200x28 ø2000
10    mm	110x12 ø1500	125x12 ø1600	140x15 ø1600	180x16 ø3000	180x18 ø4000	200x20 ø2500	200x28 ø2500	200x28 ø2500	200x28 ø2500
11    mm	200 ø1000	220 ø1000	320 ø1600	400 ø2000	400 ø2500	500 ø2000	550 ø2000	600 ø1500	800 ø4000
12    mm	200 ø1500	200 ø1100	320 ø1800	400 ø2200	400 ø1600	500 ø2300	550 ø2000	600 ø1500	800 ø4500
13    mm	200 ø1000	220 ø1000	320 ø1600	400 ø1500	450 ø2500	500 ø2500	550 ø2000	600 ø2200	800 ø5000
14    mm	140 ø1500	160 ø1700	200 ø2000	260 ø2000	280 ø2200	320 ø2600	450 ø3000	600 ø3000	800 ø6000
15    mm	120 ø1500	140 ø1700	180 ø1600	220 ø2000	240 ø2200	280 ø2200	320 ø2100	550 ø3200	800 ø8000
16    mm	ø100x6 ø1200	ø140x5 ø1500	ø170x6 ø1500	ø190x7 ø2200	ø220x8 ø3000	ø320x9 ø4000	ø330x10 ø6000	ø400x12 ø8000	ø510x13 ø18000
17    mm	80 ø5000	120 ø6000	160 ø8000	200 ø12000	240 ø10000	260 ø10000	300 ø22000	320 ø20000	400 ø40000
18    mm	100 ø2000	120 ø2500	160 ø3600	200 ø6000	240 ø12000	300 ø13000	330 ø20000	360 ø22000	600 ø30000
19    mm	100 ø4000	100 ø3500	140 ø5000	180 ø4500	200 ø9000	220 ø10000	240 ø10000	300 ø28000	550 ø40000
20    mm	100 ø6000	100 ø4000	140 ø3600	160 ø4000	180 ø5000	200 ø6000	240 ø7000	300 ø9500	500 ø30000

• Special sizes and capacities available upon request. Please send us your inquiries.

• Data can be changed without prior notice in consideration of continuing technological improvements.