



STRIMONA



PBH 240

Hydraulic three-roll bending machine for thick and rolled profiles with different cut section and tubes with large bending radius

TECHNICAL SPECIFICATION DURMA PBH 240

Shaft diameter	mm	Ø 550
Upper roll diameter	mm	Ø 240
Lower roller diameter	mm	Ø 220
Rotational speed	m/min	6
Driving rollers	pcs.	3
Power of the drive engine	kW	37
Machine key dimensions	mm	2900 x 2300 x 2150
Weight	kg	16000

Each roll is driven by independent planetary reducer and hydraulic moto. The supporting side rolls move on 3 axes:

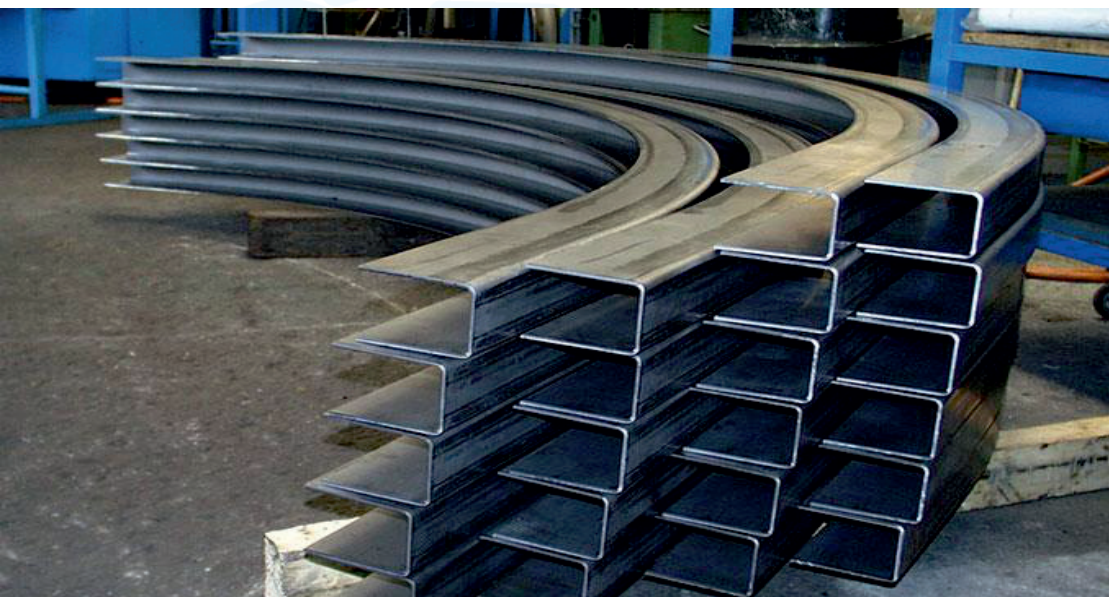
Z (back and forth) - Hydraulic

U (up and down) - Hydraulic

C (left-right) - Hydraulic





















The supporting side rolls allow bending angle

NC control in X, Y, R & Z, U, C axes (full hydraulic 3 axis side supports)



BENDING CAPACITY PHB 240

The data is from material 240 N/mm

	Profile type		Dimension (mm)	Min inner diameter (mm)	Note
1	Solid square		110x110	1500	○
2	Splint - short		175x40	1200	○
3	Splint - wide		350x50	900	○
4	T-profile side		160x20	1500	○●
5	T-profile base		160x20	1500	○●
6	T-profile narrow side		150x20	2000	○●
7	L- profile		160x20	1600	○●
8	L- profile		150x20	1600	○●
9	Square tube		150x150x8	*	○●
10	Rectangular tube		200x75x8	*	○●
11	Solid round material		∅ 130	1600	○●
12	Tube		∅ 170	2800	○●
13	UPN profile		UPN 360	1400	○●
14	UPN profile		UPN 360	1600	○●
15	UPN profile		UPN 200	12000	○●
16	IPN profile		IPN 360	1500	○●
17	IPN profile		IPN 200	5000	●▲
18	HEA HEB profile		HEA 240 HEB 200	1500 1500	○●
19	HEA profile		HEA 180	4500	●▲
20	HEB profile		HEB 160	3200	●▲

○ Standard rolls set

● Special rolls set

▲ A device set against deformation when UIH bending



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