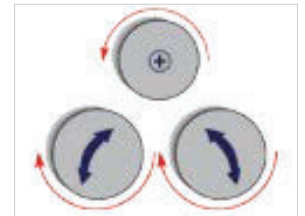


PRO 80

HYDRAULIC PROFILE BENDING MACHINES

PRO 80

Hydraulic guide rolls are optional





















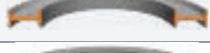

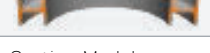
I Standart Features

- » PRO 80 are driven by hydraulic motor and gear system
- » All machine body manufactured of St-52 special steel
- » Rolls and shafts are made of special steel, with induction hardened and grinded
- » Vertical and horizontal working possibility
- » Guide roll adjustment manually to one direction
- » Electrical protection against overloading
- » Digital readout for displaying the position of lower rolls.
- » Independence movement of the bottom rolls up and down hydraulically
- » Portable control panel in order to control material from required locations with foot pedal
- » In accordance with CE norms

I + Optional Accesories

- » Special profile rolls for bending pipe, H. I. U. etc. type materials
- » Hydraulic guide rolls for PRO 80 model in two directions
- » Special mechanic guide rolls in order to facilitate angle bending
- » Digital readout for displaying of the positions of the hydraulic guide rolls (for PRO 80)
- » Spiral bending device
- » NC Playback and NC graphic control system
- » CNC graphic control system
- » Electric motor according to required voltage and frequency
- » Adjustable rotation speed

TECHNICAL INFORMATION

BEAM TYPES			PRO 80		PRO 60		PRO 55		Vals Rolls
			Dimensions (mm)	(mm)	Dimensions (mm)	min Ø(mm)	Dimensions (mm)	min Ø (mm)	
	1	Angle leg out	35x35x3 70x70x8 80x80x8	500 1200 1600	30x30x3 50x50x5	250 500	30x30x3 50x50x5 60x60x6	250 500 1000	AE
	2	Angle leg in	40x40x4 70x70x9 80x80x8	600 1000 2000	30x30x3 40x40x5 50x50x6	400 600 1000	30x30x3 40x40x5 50x50x6	400 600 1200	AE
	3	T section leg out	70x30x4 70x70x8 80x80x8	400 1000 1400	30x30x3 80x40x7.5	300 600	30x30x3 60x60x7 80x40x7	300 600 1000	A
	4	T section leg in	30x30x4 70x70x8 80x80x8	400 1000 1400	30x30x3 50x50x6 70x35x6	300 600 1000	30x30x3 50x50x6 70x35x6	300 600 500	A
	5	T section leg side	-	-	-	-	-	-	-
	6	Plate hard way	40x10 80x25 100x20	300 700 2100	40x10 60x20 80x25	220 500 2100	20x10 50x12 50x15	200 400 1000	A
	7	Plate easy way	50x10 80x20 120x30	260 400 600	50x5 80x16 80x20	200 400 1200	50x5 80x16 80x20	200 400 1200	A
	8	Square	30x30 40x40 45x45	300 500 1000	15x15 30x30 35x35	300 600 1400	15x15 30x30 35x35	300 600 1400	A
	9	Round	Ø35 Ø50 Ø60	300 500 1000	Ø20 Ø35 Ø40	300 600 800	Ø20 Ø35 Ø40	300 600 800	B
	10	Tube	Ø40x2 Ø100x2 Ø100x3	400 2400 3000	Ø25x1.5 Ø60x2 Ø70x2	200 800 1600	Ø25x1.5 Ø60x2 Ø70x2	200 800 1600	B
	11	Tube	Ø48.3x3.2 (1 1/2") Ø88.9x3.2 (3") Ø88.9x4 (3")	400 1000 1600	Ø26.5x2.3 (3/4") Ø48.3x2.9 (1 1/2") Ø60.3x3.2 (2")	200 600 1000	Ø26.9x2.3 (3/4") Ø48.3x2.9 (1 1/2") Ø60.3x3.2 (2")	200 600 1000	B
	12	Rectangle tube	50x25x2 80x40x5 100x40x3.2	600 2000 3000	30x15x1.5 60x30x2.5 80x30x3	300 2000 6000	30x15x1.5 60x30x2.5 80x30x3	300 2000 6000	B
	13	Square tube	-	-	-	-	-	-	-
	14	Rectangle tube	40x40x2.7 70x70x3.2 70x70x4	500 1600 3000	20x20x2 50x50x2.5 60x60x3	240 1600 4000	20x20x2 50x50x2.5 60x60x3	240 1600 4000	B
	15	Channel easy way-legs out	UNP60 (60x30x6) UNP120 (120x55x6) UNP140 (140x60x7.5)	400 800 1200	UNP30 (30x15x4) UNP50 (50x25x5) UNP60 (60x30x6)	300 400 800	UNP30 (30x15x4) UNP50 (50x25x5) UNP60 (60x30x6)	300 400 800	A.D
	16	Channel easy way-legs in	UNP60 (60x30x6) UNP120 (120x55x6) UNP140 (140x60x7.5)	400 800 1200	UNP30 (30x15x4) UNP50 (50x25x5) UNP60 (60x30x6)	300 500 1000	UNP30 (30x15x4) UNP50 (50x25x5) UNP60 (60x30x6)	350 500 1000	A.D
	17	Channel hard way	-	-	-	-	-	-	-
	18	Beam easy way	INP120	500	-	-	-	-	-
	19	Beam hard way	-	-	-	-	-	-	-
	20	Beam hard way	-	-	-	-	-	-	-
	21	Beam hard way	-	-	-	-	-	-	-
Section Modulus		cm ³	-	-	-	-	-	-	-
Motor Power		kW	5.5		4		11		
Roll Diameter		mm	Ø245		Ø177		Ø157		
Shaft Diameter		mm	Ø80		Ø60		Ø50		
Bending Speed		m/min	4.2		6.4		2.95		
Weight	kg		1600		1080		500		
WxLxH	mm		1350x1600x1850		1400x1150x1530		1450x950x1450		

A: Standard Rolls | B: Special Rolls | C: Pulling Device | D: Special rolls for serial productions | E: Angle Device | F: Stretching Device