

SECTION AND PIPE BENDING MACHINES**MODEL UPB 10****STANDARD SPECIFICATIONS-**

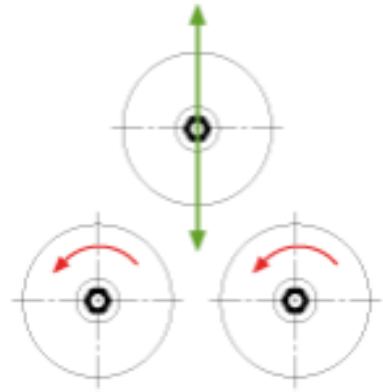
- Two Rolls powered
- Special cast frame
- Shafts are hardened with special steel material
- Roll are special steel material
- hardened and ground
- Standard rolls and guide rollers, foot pedal or manual working
- User's Manual

SPECIAL FEATURES

- Special rolls

**TECHNICAL SPECIFICATIONS**

Shaft Diameters	Ø mm	30
Roll Diameter	Ø mm	118
Lower Rolls Diameters	Ø mm	98
Lenght	mm	450
Width	mm	500
Height	mm	1500
Weight	kg	65



SECTION AND PIPE BENDING MACHINES**MODEL UPB 20****STANDARD SPECIFICATIONS-**

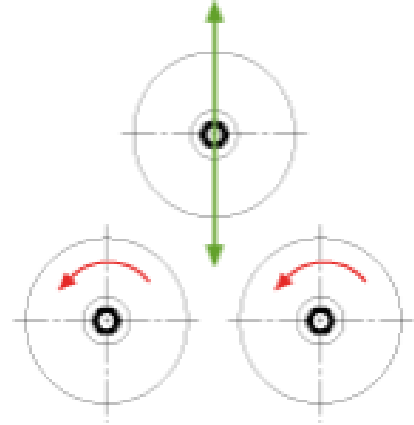
- Two Rolls powered
- Special cast frame
- Shafts are hardened with special steel material
- Roll are special steel material hardened and ground
- Standard rolls and guide rollers, foot pedal or manual working
- User's Manual

SPECIAL FEATURES

- Special rolls

TECHNICAL SPECIFICATIONS

Shaft Diameters	Ø mm	30
Roll Diameter	Ø mm	118
Lower Rolls Diameters	Ø mm	98
Working Speed	m/min	2.5
Motor Power	kw	0.7
Lenght	mm	450
Width	mm	500
Height	mm	1500
Weight	kg	65



SECTION AND PIPE BENDING MACHINES**MODEL UPB 30****STANDARD SPECIFICATIONS**

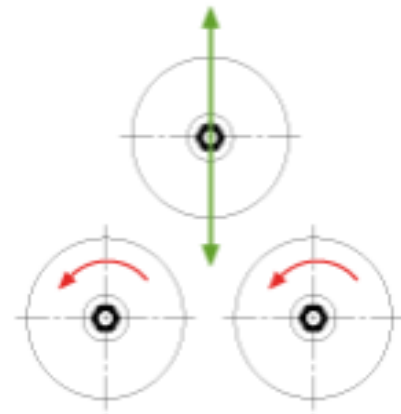
- Two Rolls are powered
- Rolls are hardened
- Rolls Shafts are Special Steel material hardened and ground
- Standard Rolls
- Guide Rolls
- Double Speed Motor
- Horizontal and Vertical Working Position
- User's Manual

SECIAL FEATURES

- Pipe / Tube Bending Rolls
- Profile Bending Rolls
- Angle Bending Rolls
- Digital Read-Out
- Special Lateral Angle Guides

**UPB 30****TECHNICAL SPECIFICATIONS**

Shaft Diameters	Ø m	30
Lower Rolls Diameters	Ø mm	118
Top Roll Diameters	Ø mm	148
Working Speed	m/min	3 - 6
Motor Power	kw	0.7-0.85
Lenght	mm	650
Width	mm	500
Height	mm	1400
Weight	kg	220



SECTION AND PIPE BENDING MACHINES**MODEL UPB 35****STANDARD SPECIFICATIONS**

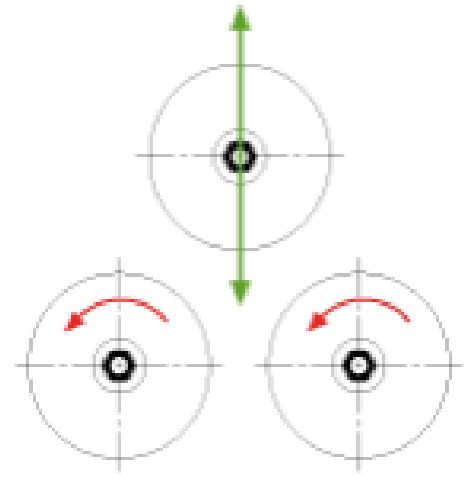
- Spheroid Cast Iron Frame
- Two Rolls are powered
- Rolls are hardened
- Rolls Shafts are Special Steel material hardened and ground
- Standard Rolls
- Guide Rolls
- Horizontal and Vertical Working Position
- User's Manual-

**UPB 35****SPECIAL FEATURES**

- Pipe / Tube Bending Rolls
- Profile Bending Rolls
- Angle Bending Rolls
- Digital Read-Out
- Special Lateral Angle Guides

TECHNICAL SPECIFICATIONS

Shaft Diameters	Ø m	50
Rolls Diameters	Ø mm	155
Working Speed	m/min	4.5
Motor Power	kw	1.5
Lenght	mm	660
Width	mm	900
Height	mm	1355
Weight	kg	350



SECTION AND PIPE BENDING MACHINES**MODEL UPB 40****STANDARD SPECIFICATIONS**

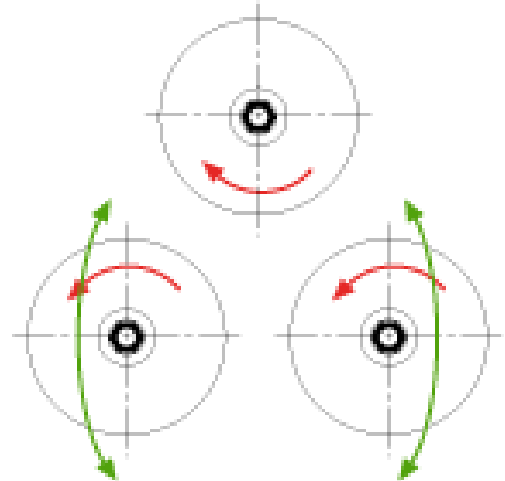
- Cast Iron Frame
- 3 Rolls are powered
- Horizontal and Vertical Working Position
- Guide Rolls
- Foot Pedal Control
- Hardened Standard Rolls
- Hardened Shafts
- Analog Counters for Bottom Rolls
- User's Manual

**SPECIAL FEATURES**

- Special Lateral Angle Guides.
- Special Rolls
- All kinds of pipe, angle, profile, leg-in, leg-out angle rolls and special lateral guide rollers are available upon request

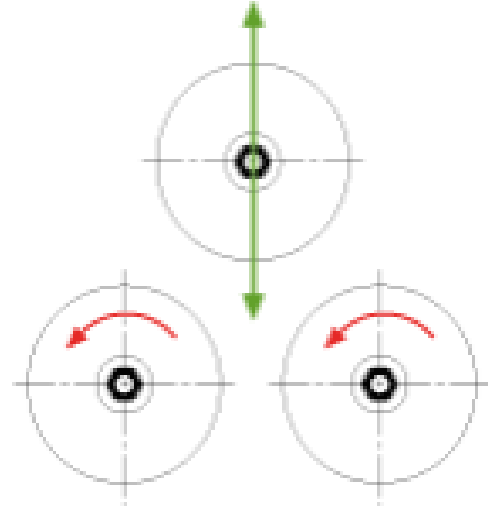
TECHNICAL SPECIFICATIONS

Shaft Diameters	Ø m	40
Lower Rolls Diameters	Ø mm	148
Top Roll Diameters	Ø mm	138
Working Speed	m/min	5
Motor Power	kw	2.2
Lenght	mm	880
Width	mm	1000
Height	mm	1400
Weight	kg	580



HYDRALULIC SECTION AND PIPE BENDING MACHINES**MODEL UPB 50****STANDARD SPECIFICATIONS**

- Steel Welded Construction Frame
- 3 Rolls are powered
- Hardened Shafts from special steel
- Top Roll hydraulic moveable
- Horizontal and Vertical working position
- Standard Rolls
- Guide Rolls
- Brake motor
- Mobile Control Panel
- User's Manual

**SPECIAL FEATURES-**

- Pipe / Tube Bending Rolls
- Profile Bending Rolls
- Angle Bending Rolls
- Digital Read-Out
- Special Lateral Angle Guides.

TECHNICAL SPECIFICATIONS

Shaft Diameters	Ø m	50
Lower Rolls Diameters	Ø mm	162
Top Roll Diameters	Ø mm	152
Hydraulic Power	ton	8
Working Speed	m/min	4.5
Motor Power	kw	1.1
Lenght	mm	810
Width	mm	950
Height	mm	1500
Weight	kg	510

HYDRALULIC SECTION AND PIPE BENDING MACHINES**MODEL UPB 60****STANDARD SPECIFICATIONS**

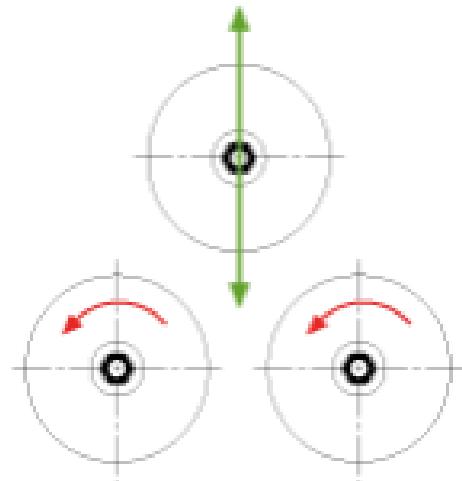
- Steel-Welded Construction Frame
- 3 rolls are powered
- Hardened and ground shafts
- Top Roll hydraulic moveable
- Horizontal and Vertical working position
- Standard Rolls
- Guide Rolls
- Brake motor
- Mobile Control Panel
- User's Manual

SPECIAL FEATURES

- Pipe / Tube Bending Rolls
- Profile Bending Rolls
- Angle Bending Rolls
- Digital Read-Out
- Special Lateral Angle Guides

TECHNICAL SPECIFICATIONS

Shaft Diameters	Ø m	60
Lower Rolls Diameters	Ø mm	215
Top Roll Diameters	Ø mm	215
Hydraulic Power	ton	16
Working Speed	m/min	4
Motor Power	kw	1.5
Lenght	mm	830
Width	mm	1400
Height	mm	1650
Weight	kg	860

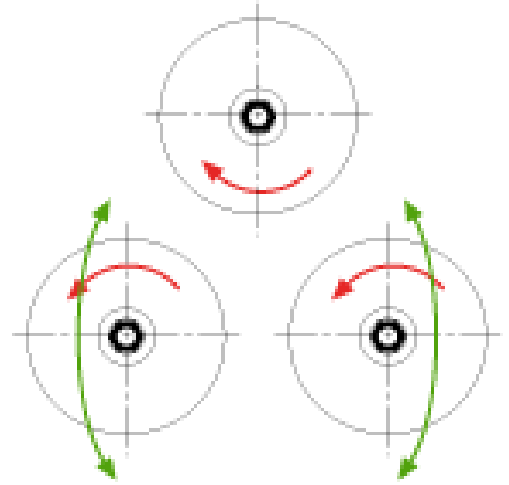
**UPB 60**

HYDRALULIC SECTION AND PIPE BENDING MACHINES**MODEL UPB 65****STANDARD SPECIFICATIONS**

- Steel Construction Frame
- 3 Rolls are Powered
- Rolls Shafts are Special Steel
- Rolls are Hardened and ground
- Horizontal and Vertical Working Position
- Standard Rolls
- Mobile Control Panel
- 3 Axis Mechanical Lateral Angle Guide Rolls
- Brake Motor
- Digital Read-outs (2pcs)
- User's Manual

SPECIAL FEATURES

- Pipe, Tube and Profile Bending Rolls

**TECHNICAL SPECIFICATIONS**

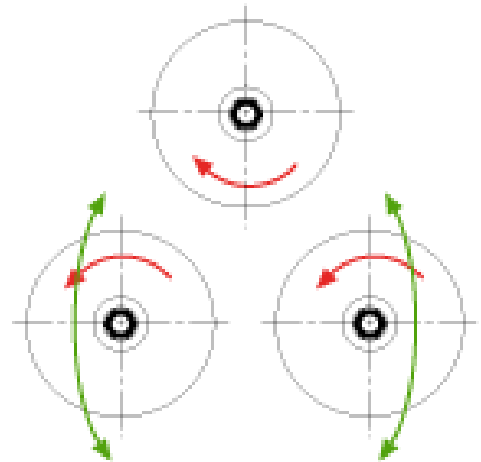
Low Shaft Diameters	Ø m	60
Top Shaft Diameters	Ø m	50
Rolls Diameters	Ø mm	180
Working Speed	m/min	5
Motor Power	kw	3
Lenght	mm	820
Width	mm	645
Height	mm	1045
Weight	kg	750

HYDRALULIC SECTION AND PIPE BENDING MACHINES**MODEL UPB 80****STANDARD SPECIFICATIONS**

- Steel Construction Frame
- 3 Rolls are Powered
- Rolls Shafts are Special Steel
- Rolls are Hardened and ground
- Horizontal and Vertical Working Position
- Standard and Hardened rolls
- Mobile Control Panel
- 3 Axis Mechanical Lateral Angle Guide Rolls
- Brake Motor
- Digital Read-outs (2pcs)
- User's Manual

SPECIAL FEATURES

- Pipe, Tube and Profile Bending Rolls
- Hydraulic Lateral Guide Rolls (2 axis)

**TECHNICAL SPECIFICATIONS**

Low Shaft Diameters	Ø m	80
Top Shaft Diameters	Ø m	70
Rolls Diameters	Ø mm	245
Working Speed	m/min	6
Motor Power	kw	4
Lenght	mm	950
Width	mm	1400
Height	mm	1300
Weight	kg	1500

HYDRALULIC SECTION AND PIPE BENDING MACHINES**MODEL UPB 100****STANDARD SPECIFICATIONS**

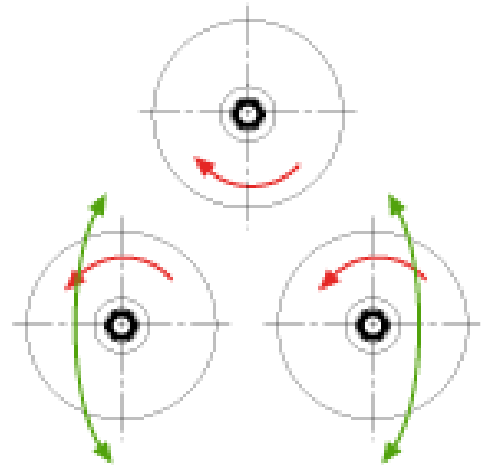
- Steel Construction Frame
- 3 Rolls are Hydraulic Powered
- Horizontal and Vertical Working Position
- Mobile Control Panel
- Hardened Standard Rolls
- Hardened and ground Shafts
- Digital Read-outs (2pcs)
- 3-Axis Mechanical Lateral Angle Guide Rolls
- User's Manual-

**SPECIAL FEATURES**

- Pipe, Tube and Profile Bending Rolls
- 3-Axis Hydraulic Lateral Angle Guide Rollers
- Infinitively variable speed adjustment

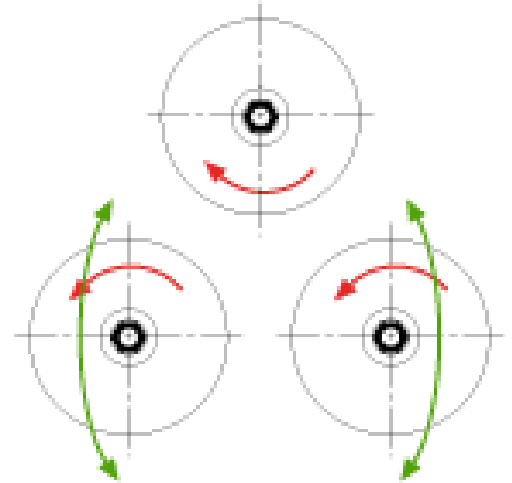
UPB100**TECHNICAL SPECIFICATIONS**

Shaft Diameters	Ø mm	100
Rolls Diameters	Ø mm	315
Working Speed	m/min	7
Motor Power	kw	7,5
Lenght	mm	1465
Width	mm	2000
Height	mm	1700
Weight	kg	4000



HYDRALULIC SECTION AND PIPE BENDING MACHINES**MODEL UPB 120****STANDARD SPECIFICATIONS**

- Steel Construction Frame
- 3 Rolls are powered by hydromotor and planetary gearbox
- Hardened and ground shafts made of high tensile special steel
- Hardened Standard Rolls
- Mobile Control Panel
- Horizontal and Vertical Working Position
- Two Speed Working System
- Digital Read-outs (2 pcs)
- 3 Axis Hydraulic Lateral Angle Guide Rolls
- User's Manual

**SPECIAL EATURES**

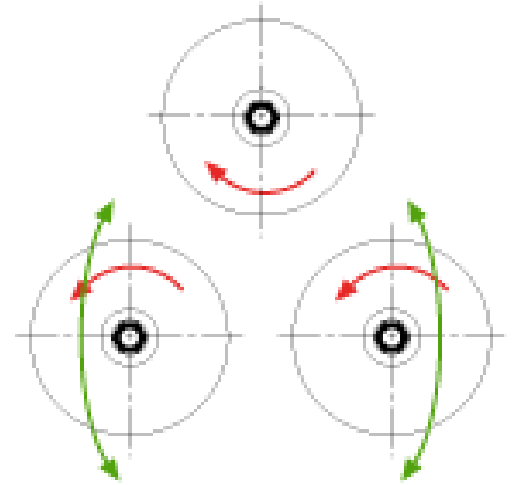
- Infinitely variable speed adjustment
- All kind of pipe, tube, profile rolls and
- IPN and UPN beam attachments are available upon request

TECHNICAL SPECIFICATIONS

Shaft Diameters	Ø m	120
Rolls Diameters	Ø mm	390
Working Speed	m/min	2-7 7
Motor Power	kw	15
Lenght	mm	1400
Width	mm	1400
Height	mm	1700
Weight	kg	4500

HYDRALULIC SECTION AND PIPE BENDING MACHINES**MODEL UPB 160****STANDARD SPECIFICATIONS**

- Steel Construction Frame
- 3 Rolls are powered by hydromotor and planetary gearbox
- Hardened and ground shafts made of high tensile special steel
- Hardened Standard Rolls
- Mobile Control Panel
- Horizontal and Vertical Working Position
- Two Speed Working System
- Digital Read-outs (2 pcs)
- 3 Axis Hydraulic Lateral Angle Guide Rolls
- User's Manual

**SPECIAL EATURES**

- Infinitively variable speed adjustment
- All kind of pipe, tube, profile rolls and IPN and UPN beam attachments are available upon request

TECHNICAL SPECIFICATIONS

Shaft Diameters	Ø m	160
Rolls Diameters	Ø mm	470
Working Speed	m/min	2-4
Motor Power	kw	22
Lenght	mm	2500
Width	mm	2150
Height	mm	2100
Weight	kg	9000

HYDRALULIC SECTION AND PIPE BENDING MACHINES

MODEL UPB 150 UPB 180 UPB 200 UPB 240 UPB 280 UPB 300

STANDARD SPECIFICATIONS

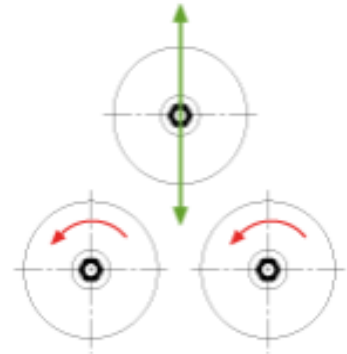
- Steel Construction Frame
- 3 Rolls are powered by hydromotor and planetary gearbox
- Hardened and ground shafts made of high tensile special steel
- Hardened Standard Rolls
- Mobile Control Panel
- Only Horizontal Working Position
- Two Speed Working System
- Digital Read-out (1 pcs)
- 3 Axis Hydraulic Lateral Angle Guide Rolls
- User's Manual



UPB 240

SPECIAL FEATURES

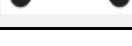
- Infinitely variable speed adjustment
- All kind of pipe, tube, profile rolls and HEB,
IPN and UPN beam attachments are available upon request



TECHNICAL SPECIFICATIONS

MODEL		UPB 150	UPB 180	UPB 200	UPB 240	UPB 280	UPB 300
Shaft Diameters	Ø MM	150	180	200	240	280	300
Rolls Diameters	Ø MM	470	580	650	700	750	800
Working Speed	m/min	2,- 4	2,- 4	1,5-3	1,5-3	1,5-3	1,5-3
Motor Power	kw	22	30	30	44	58	73
Lenght	MM	2700	3000	3250	4100	4100	4100
Width	MM	2000	2200	2500	3100	3200	3200
Height	MM	2100	2200	2250	3150	3300	3300
Weight	kg	9000	12000	16000	20000	32000	4000

HYDRALULIC SECTION AND PIPE BENDING MACHINES

No	PROFILE TYPE	UPB 10/20		UPB 30		UPB 35		UPB 40		UPB 50		UPB 60		NOTES
		Size	Min dia Ø	Size	Min dia Ø	Size	Min dia Ø	Size	Min dia Ø	Size	Min dia Ø	Size	Min dia Ø	
		MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	
1		30x10 20x5	500 160	50x10 20x6	600 300	60x10 40x10	800 500	50x10 20x10	600 200	60x10 20x10	600 300	80x15 40x10	800 400	Standard rolls
2		50x10 20x5	400 160	80x15 30x6	700 400	100x15 60x10	750 600	60x20 40x5	600 200	100x15 50x10	600 300	120x25 50x10	600 400	Standard rolls
3		20x20 10x10	500 160	30x30 10x10	900 200	35x35 20x20	1200 400	30x30 25x25	1200 400	35x35 15x15	600 300	50x50 20x20	800 400	Standard rolls
4		Ø20 Ø10	500 160	Ø30 Ø10	900 200	Ø35 Ø30	800 600	Ø30 Ø20	500 200	Ø35 Ø20	600 300	Ø50 Ø20	800 400	Optional rolls
5		Ø30x2 Ø25x1,5	800 400	Ø60x1,5 Ø25x1,5	1000 600	Ø70x2 Ø30x2	1200 500	Ø60x2 Ø50x2	1200 1000	Ø70x2 Ø25x1,5	1200 400	Ø100x2 Ø60x2	1600 500	Optional rolls
6		1" x 2,3 3/4" x 2,3	700 300	1 1/2" x 2,9 1/4" x 1,8	600 300	2" x 2,9 1" x 2,3	1200 350	1 1/2" x 2,9 1" x 2,3	600 300	2" x 2,9 1/2" x 2,3	1000 300	3" x 3,2 1" x 2,6	1600 500	Optional rolls
7		40x20x2 30x15x1,5	1000 600	50x30x3 40x20x2	1200 800	70x30x2 50x40x3	1500 1500	50x25x2,5 40x20x2,5	1000 800	70x30x3 30x15x2	1500 400	80x40x3 40x20x2	1400 500	Optional rolls
8		30x2 20x2	900 600	40x3 30x2	1200 800	50x3 40x3	2000 800	45x2,5 40x2	1200 800	50x3 20x2	1600 400	70x3 40x2	1600 500	Optional rolls
9		35x35x4 30x30x4	800 400	40x40x5 30x30x4	600 300	60x60x6 50x50x5	1200 800	50x50x5 30x30x3	800 250	50x50x6 30x30x3	600 400	70x70x7 40x40x5	1000 500	Optional rolls
10		30x30x4 20x20x3	400 250	35x35x5 30x30x4	600 400	50x50x6 30x30x3	1200 700	45x45x5 30x30x3	800 300	50x50x6 30x30x3	900 600	70x70x7 40x40x5	1200 600	Optional rolls
11		35x4,5 30x4	600 400	50x6 20x3	600 400	60x7 50x6	900 650	80x9 30x4	800 200	60x7 30x4	800 500	80x9 40x5	1000 400	Standard rolls
12		35x4,5 30x4	600 400	50x6 20x3	600 400	60x7 50x6	900 650	70x8 30x4	1000 300	50x6 30x4	800 500	80x9 40x5	1200 500	Standard rolls
13		35x4,5 30x4	600 400	50x6 20x3	600 400	60x7 50x6	900 650	80x9 30x4	800 200	60x7 30x4	800 500	80x9 40x5	1000 400	Standard rolls
14						UPN 80 UPN 60	1000 500	UPN 60 UPN 50	800 400	UPN 80 UPN 30	800 400	UPN 120 UPN 60	800 500	Standard rolls
15						UPN 80 UPN 30	1200 800	UPN 50 UPN 40	800 400	UPN 80 UPN 30	1200 600	UPN 120 UPN 60	1200 600	Standard rolls

HYDRALULIC SECTION AND PIPE BENDING MACHINES

No	PROFILE TYPE	UPB 65		UPB 80		UPB 100		UPB 120		UPB 160		NOTES
		Size	Min dia Ø	Size	Min dia Ø	Size	Min dia Ø	Size	Min dia Ø	Size	Min dia Ø	
		MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	
1		60x10 20x5	500 250	80x15 30x10	700 280	100x20 30x10	1000 400	125x20 30x10	1200 500	140x40 50x10	2500 700	Standard rolls
2		80x20 50x5	500 250	125x25 60x5	600 300	160x35 80x5	800 400	180x40 100x10	1000 500	280x50 12x15	2000 700	Standard rolls
3		32x32 12x12	400 250	45x45 15x15	500 280	60x60 15x15	750 400	65x65 20x20	750 500	90x90 30x30	1500 700	Standard rolls
4		Ø35 Ø10	350 250	Ø50 Ø15	500 280	Ø75 Ø15	800 450	Ø80 Ø20	850 500	Ø90 Ø30	1800 700	Optional rolls
5		Ø60x2 Ø15x1,5	600 200	Ø100x2,5 Ø15x1	1200 280	Ø125x2,5 Ø15x1	1400 450	Ø140x3 Ø20x1	1500 500	Ø150x4 Ø30x2	3000 700	Optional rolls
6		2" x 3,91 1/2" x 2,77	350 200	3" x 5,48 1/2" x 2,77	700 280	Ø4"x6,02 Ø1/2"x2,77	1000 450	Ø5"x6,35 Ø3/4"x2,87	1500 500	Ø6"x7,11 Ø1"x3,78	3000 700	Optional rolls
7		50x25x3 20x15x2	450 250	80x25x3 25x15x2	800 350	100x40x4 25x15x2	1300 450	120x40x4 30x20x3	1800 500	150x50x5 60x30x3	3000 700	Optional rolls
8		45x3 20x2	550 250	70x3 25x2	1300 400	80x5 25x2	1500 450	90x5 30x3	1800 500	120x8 40x3	3000 700	Optional rolls
9		60x60x6 30x30x4	650 350	80x80x8 30x30x3	800 450	100x100x12 40x40x4	1000 700	120x120x12 40x40x4	1200 600	150x150x18 50x50x5	2200 700	Optional rolls
10		50x50x5 30x30x4	550 350	70x70x3 30x30x3	700 450	100x100x10 40x40x4	1000 550	100x100x10 40x40x4	1200 600	150x150x15 50x50x5	3000 700	Optional rolls
11		60x7 20x3	550 250	80x9 25x3,5	800 280	100x11 30x4	1000 400	100x11 30x4	800 500	150x15	2000	Standard rolls
12		50x6 20x3	500 250	70x8 25x3,5	800 280	90x10 30x4	1000 400	100x11 30x4	1000 500	130x15	2500	Standard rolls
13		60x7 20x3	500 250	80x9 30x4	800 300	100x11 30x4	1000 400	100x11 30x4	800 500	150x15	2000	Standard rolls
14		UPN 80 UPN 30	450 250	UPN 100 UPN 30	600 300	UPB 160 UPB 130	800 400	UPB 180 UPB 140	800 500	UPB 300	2000	Standard rolls
15		UPN 65 UPN 30	450 250	UPN 100 UPN 30	500 300	UPB 160 UPB 130	800 400	UPB 180 UPB 140	800 500	UPB 300	2500	Standard rolls
16		IPN 80	600	IPN 120 IPN 80	600 400	IPN 180 IPN 80	900 400	IPN 200 IPN 80	1000 500	IPN 300	2500	Optional rolls
17						HEB 100	1200	HEB 120	1200	HEB 180	2500	Optional rolls
18								UPB 120 UPB 50	2500 100	UPB 160 UPB 80	5000 2000	Optional rolls
19								IPN 140 IPN 80	1500 800	IPN 160 IPN 100	4000 2000	Optional rolls
20								HEB 100	3000	HEB 120	4000	Optional rolls

No	PROFILE TYPE	UPB 150		UPB 180		UPB 200		UPB 240		UPB 280		UPB 300		NOTES
		Size	Min dia Ø	Size	Min dia Ø	Size	Min dia Ø	Size	Min dia Ø	Size	Min dia Ø	Size	Min dia Ø	
		MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	
1		150x35	2500	180x30	2500	200x50	3500	200x70	3800	220x80	4000	250x100	3000	Standard rolls
2		270x50	1500	280x60	2000	350x80	2500	380x80	2500	450x80	2500	500x100	2500	Standard rolls
3		90x90	1500	110x110	2000	120x120	3000	130x130	2500	150x150	2500	180x180	2500	Standard rolls
4		Ø90	1800	Ø110	2000	Ø120	3000	Ø150	3000	Ø180	4000	Ø200	6000	Optional rolls
5		Ø150x4	3000	Ø220x4	3000	Ø300x3	8000	Ø300x3	4000	Ø320x5	5000	Ø350x6	6000	Optional rolls
6		Ø6"x7,11	3000	Ø8"x8,18	3000	Ø9"x6,3	4000	Ø10"x9,27	4000	Ø10"x15,06	5000	Ø12"x14,27	6000	Optional rolls
7		150x50x5	3000	200x100x8	3500	220x80x7	5000	300x100x10	6000	350x150x10	6000	400x200x10	8000	Optional rolls
8		120x6	3000	150x8	3500	180x10	5000	200x10	6000	220x12	6000	260x14	6000	Optional rolls
9		150x150x18	2200	180x180x20	2500	200x200x20	3000	200x200x24	3000	220x220x22	3500	250x250x25	4000	Optional rolls
10		150x150x15	3000	180x180x15	3000	200x200x18	5000	200x200x18	4000	220x220x22	4000	250x25x20	4500	Optional rolls
11		150x15	2000	160x20	2500	200x20	3500	200x28	3000	220x22	3000	250x25	3000	Standard rolls
12		130x15	2500	150x20	3000	200x20	3500	200x20	3500	200x28	4000	220x22	4000	Standard rolls
13		150x15	2000	160x20	2500	200x20	4000	200x28	3000	220x22	3000	250x25	3000	Standard rolls
14		UPN 280	2000	UPN 350	2500	UPN 380	3000	UPN 450	3000	UPN 500	3500	UPN 550	3500	Standard rolls
15		UPN 280	3000	UPN 350	3000	UPN 380	3500	UPN 450	3500	UPN 500	4000	UPN 550	4000	Standard rolls
16		IPN 300	3000	IPN 360	3000	IPN 360	3500	IPN 450	3500	IPN500	4000	IPN550	4000	Optional rolls
17		HEB 180	3000	HEB 220	3000	HEB 280	6000	HEB 320	3500	HEB 360	4000	HEB 450	4000	Optional rolls
18		UPN 160	5000	UPN 220	8000	UPN 280	8000	UPN 300	10000	UPN 320	10000	UPN 360	10000	Optional rolls
19		IPN 180	4000	IPN 240	5000	IPN 280	8000	IPN 300	10000	IPN 340	10000	IPN 360	10000	Optional rolls
20		HEB 120	4000	HEB 160	4000	HEB 180	6000	HEB 200	5000	HEB 220	6000	HEB 280	8000	Optional rolls