

Ürün Kodu / Product Code

PBH

HİDROLİK PROFİL ve BORU BÜKME MAKİNELERİ

HYDRAULIC SECTION and PIPE BENDING MACHINES



- Çelik konstrüksiyon kaynaklı gövde
- Üç vals motor tahrikli
- 3 Vals topu hidromotor ve dişli sistemi ile tahrikli (PBH 100)
- 3 Vals topu hidromotor ve planet redüktör tahrikli (PBH 120)
- Özel yüksek mukavemetli malzemeden sertleştirilmiş ve taşlanmış miller
- Yatay ve dikey çalışma pozisyonu
- Sertleştirilmiş standart vals topları
- Gövdeden ayrı hareketli kumanda panosu
- 3 yöne hareketli mekanik manuel yan dayamalar
- Klavuz yan dayamalar (PBH 40)
- Frenli motor ile hassas büküm
- Dijital göstergeler (2 adet)
- 3 Yöne hareketli hidrolik yan dayama (PBH 120)

- Welded steel construction
- 3 Rolls are powered
- 3 Rolls are hydraulic powered by gear systems (PBH 100)
- 3 Rolls are hydraulic powered by planetary gearbox (PBH 120)
- Hardened and ground shafts made of high tensile special steel
- Horizontal and vertical working position
- Hardened standard rolls
- Mobile control panel
- 3 Axis mechanical by hand lateral angle guide rolls
- Guide rolls (PBH 40)
- Brake motor equipped for the precision bending
- Digital Read-Outs (2 pcs)
- 3 Axis hydraulic lateral guide rolls (PBH 120)

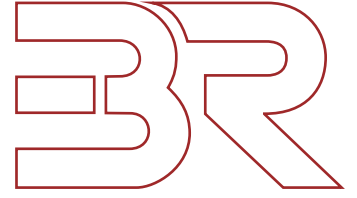
OPSİYONEL AKSESUARLAR

- Boru ve profil kıvrırma vals topları
- 2 Eksenli hidrolik hareketli yan dayamalar (PBH 65, PBH 80)
- 3 Eksenli hidrolik hareketli yan dayamalar (PBH 100)
- NC kontrol

OPTIONAL EQUIPMENTS

- Pipe, tube and profile bending rolls
- 2-Axis hydraulic lateral guide rollers (PBH 65, PBH 80)
- 3-Axis hydraulic lateral guide rollers (PBH 100)
- NC control

EBR	PBH	40	65	80	100	120	Üst Mil Çapı Upper Roll Shaft	Alt Mil Çapları Bottom Rolls Shaft	Vals Topu Çapı Roll Diameter	Çalışma Hızı Working Speed	Motor Gücü Motor Power	Uzunluk Length	Genişlik Width	Yükseklik Height	Yaklaşık Ağırlık Weight
							Ø mm	Ø mm	Ø mm	m/dakika m/min	kw	mm	mm	mm	kg
PBH	40	35	35	137	7	1.47	1050	700	1250	415					
	65	60	50	180	6	3.75	1200	850	1200	955					
	80	80	70	245	7	4.75	1500	1000	1400	1645					
	100	100	100	315	7	7.5	2000	1450	1700	3650					
	120	120	120	390	2-7.5	15	2000	1650	1900	4450					

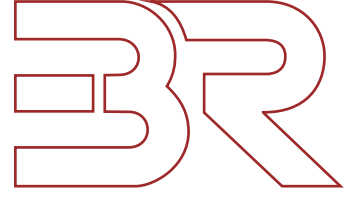


HİDROLİK PROFİL ve BORU BÜKME MAKİNELERİ KAPASİTE TABLOSU

HYDRAULIC SECTION and PIPE BENDING MACHINES CAPACITY CHART

PBH																
No.	Profil Cinsi Profile Type	40		50		60		65		80		100		120		Açıklama Notes
		Ölçüler Size	Min. Ø mm	Ölçüler Size	Min. Ø mm	Ölçüler Size	Min. Ø mm	Ölçüler Size	Min. Ø mm	Ölçüler Size	Min. Ø mm	Ölçüler Size	Min. Ø mm	Ölçüler Size	Min. Ø mm	
1		35x8	300	60x10 20x10	600 300	80x20 40x10	1200 400	60x10 20x5	500 250	100x20 80x20 30x10	2000 800 300	100x20 30x10	800 400	125x25 30x10	1200 500	Standart Valsler Standard Rolls
2		50x12	400	80x15 50x10	600 300	120x25 50x10	600 400	80x20 50x5	500 250	125x25 60x5	600 300	200x30 160x35 80x5	1200 800 400	200x50 100x10	1000 500	Standart Valsler Standard Rolls
3		18x18	250	35x35 15x5	600 300	50x50 20x20	800 400	32x32 12x12	400 250	45x45 15x15	500 380	60x60 15x15	750 400	65x65 20x20	750 500	Standart Valsler Standard Rolls
4		Ø 22	200	Ø 35 Ø 20	600 300	Ø 50 Ø 20	800 400	Ø 35 Ø 10	350 250	Ø 50 Ø 15	500 380	Ø 75 Ø 15	800 450	Ø 80 Ø 20	850 500	Özel Valsler Optional Rolls
5		Ø40x1.5	500	Ø 70x2 Ø 25x1.5	1200 400	Ø 100x2 Ø 60x2	1600 500	Ø 60x2 Ø 15x1.5	600 200	Ø 100x2.5 Ø 15x1	1200 380	Ø 125x2.5 Ø 15x1	1400 450	Ø 160x4 Ø 140x3 Ø 50x2	2800 1500 500	Özel Valsler Optional Rolls
6		Ø33.7x2.3	450	2x2.9 1/2x2.3	1000 300	3x3.2 1x2.6	1600 500	2x3.91 1/2x2.77	400 200	2x5.48 1/2x2.77	800 380	4x4.5 1/2x2.77	2500 450	5x6.35 3/4x2.87	1500 500	Özel Valsler Optional Rolls
7		30x15x2.5	500	70x70x3 30x15x2	1500 400	80x40x3 40x20x2	1400 500	50x25x3 20x15x2	450 250	80x25x3 25x15x2	800 350	100x40x4 25x15x2	1300 450	120x40x4 30x20x3	1800 500	Özel Valsler Optional Rolls
8		25x25x2	450	50x3 20x2	1600 400	70x3 40x2	1600 500	45x3 20x2	600 300	70x3 25x2	1300 350	80x5 25x2	1500 450	90x5 30x3	1800 500	Özel Valsler Optional Rolls
9		35x35x5	400	50x50x6 30x30x3	600 400	70x70x7 40x40x5	1000 500	60x60x6 30x30x4	650 350	80x80x8 30x30x3	800 400	100x100x12 40x40x4	1000 700	120x120x12 40x40x4	1200 600	Özel Valsler Optional Rolls
10		30x30x4	550	50x50x6 30x30x3	900 600	70x70x7 40x40x5	1200 600	50x50x5 30x30x4	550 350	70x70x7 30x30x3	700 450	100x100x10 40x40x4	1500 550	100x100x10 40x40x4	1200 600	Özel Valsler Optional Rolls
11		30x30x5	300	60x7 30x4	600 400	80x9 40x5	1000 400	60x7 20x3	550 250	80x9 25x3.5	800 450	100x11 30x4	1000 400	100x11 30x4	800 500	Standart Valsler Standard Rolls
12		35x35x5	350	60x7 30x4	700 400	80x9 40x5	1200 500	50x6 20x3	500 250	70x8 25x3.5	800 280	90x10 30x4	1000 400	100x11 30x4	1000 500	Standart Valsler Standard Rolls
13		35x35x5	300	60x7 30x4	700 400	80x9 40x5	1000 400	60x7 20x3	500 250	80x9 30x4	800 280	100x11 30x4	1000 400	100x11 30x4	800 500	Özel Valsler Optional Rolls
14		UPN 40x20	350	UPN 80 UPN 30	800 400	UPN 100 UPN 60	800 500	UPN 80 UPN 30	600 250	UPN 140 UPN 120 UPN 100	1600 900 800	UPN 180 UPN 30	900 400	UPN 220 UPN 180 UPN 40	1000 800 500	Standart Valsler Standard Rolls
15		UPN 35x18	500	UPN 80 UPN 30	1200 600	UPN 100 UPN 60	1200 600	UPN 65 UPN 30	1200 800	UPN 140 UPN 120 UPN 100	1600 1000 800	UPN 180 UPN 80	1000 400	UPN 220 UPN 180 UPN 40	1200 900 600	Standart Valsler Standard Rolls
16								IPN 80	600	IPN 120 IPN 80	600 400	IPN 180 IPN 80	1000 400	IPN 220 IPN 80	1000 500	Standart Valsler Standard Rolls
17												HEA 120 HEB 100	1000 1200	HEA 140 HEB 120	1200 1200	Standart Valsler Standard Rolls
18														UPN 120 UPN 100	10000 7500	Özel Valsler Optional Rolls
19														IPN 160 IPN 140 IPN 100	5000 4000 2000	Özel Valsler Optional Rolls
20														HEA 120 HEB 100	4000 1600	Özel Valsler Optional Rolls

Kapasiteler 24 kg/mm² sac mukavemetine göre verilmiştir.
Bending capacities are given for 24 kg/mm² plate yielding strength.

PROFİL ve BORU BÜKME MAKİNELERİ
SECTION and PIPE BENDING MACHINES

- Çelik konstrüksiyon gövde
- Her 3 top motor tahriklidir
- Sertleştirilmiş özel çelik miller
- Hidrolik üst top hareketli
- Yatay ve dikey çalışma pozisyonu
- Standart vals takımı
- Yan dayamalar
- Frenli motor ile hassas büküm
- Gövdeden ayrı hareketli kumanda panosu

- Welded steel construction
- 3 Rolls are motor driven
- Hardened shafts from special steel material
- Top roll hydraulic moveable up-down
- Horizontal and vertical working position
- Standard rolls
- Guide rolls
- Brake motor equipped for the precision bending
- Mobile control panel

OPSİYONEL AKSESUARLAR

- Boru bükme valsleri
- Özel profil bükme valsleri
- Köşebent bükme valsleri
- Dijital gösterge
- Özel köşebent yan dayamaları
- Opsiyonel merdiven kıvrırma aparatı
- NC kontrol

OPTIONAL EQUIPMENTS

- Pipe / Tube bending rolls
- Profile bending rolls
- Angle bending rolls
- Digital Read-Out
- Optional lateral angle guides
- Optional stairway bending attachment
- NC control



EBR		Milli Çapı Shaft Diameter	Vals Topu Çapları Rolls Diameter	Üst Vals Topu Çapı Upper Roll Diameter	Kıvrırma Hızı Bending Speed	Hidrolik Güç Hydraulic Power	Motor Gücü Motor Power	Makina Ölçüleri Machine Dimensions	Makina Ağırlığı Machine Weight
		Ø mm	Ø mm	Ø mm	m/dakika m/min	ton	mm	mm	kg
PBH	50	50	162	152	4.5	8	1.47	1000x750x1600	510
	60	60	215	215	4	16	2.25	1500x900x1700	910