

Ürün Kodu / Product Code

PBH 4V

HİDROLİK PROFİL ve BORU BÜKME MAKİNELERİ

HYDRAULIC SECTION and PIPE BENDING MACHINES



STANDART EKİPMANLAR

- Hareketli mobil kumanda panosu ile çok kolay kullanım
- Kaynaklı çelik konstrüksiyon gövde
- 4 Top kıvrırma
- 3 top tahrikli (PBH 4V 90-110), 2 Top tahrikli (PBH 4V 70)
- Yüksek dirençli sertleştirilmiş, parlatılmış miller
- Standart toplar (4'lü 1 takım)
- Toplar sertleştirilmiş ve kaplanmıştır.
- Alt ve yan miller hidrolik aşağı-yukarı hareketli
- Yatay ve dikey çalışma pozisyonu
- 1+1 eksenli (PBH 4V 70)
- 3+3 Eksenli yan dayamalar, (PBH 4V 70)

STANDART EQUIPMENTS

- Easy operation with mobile control panel with push buttons
- Welded steel frames
- 4 Rolls Machine
- 3 Rolls are driven by hydromotor + planetary reducers (PBH 4V 90-110), 2 Rolls are driven (PBH 4V 70)
- Hardened and ground shafts made of high tensile special steel.
- Standard Rolls (1 Set with 4 Rolls).
- Rolls are hardened and ground in the hole.
- Bottom and lateral rolls hydraulic movable up-down.
- Horizontal and Vertical Working Position.
- 1+1 axis Guide Rolls (PBH 4V 70), 3+3 axis guide rolls (PBH 4V 90-110)

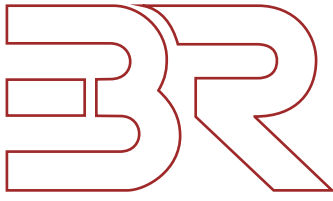
OPSİYONEL EKİPMANLAR

- NC kumanda ile otomasyon
- Opsiyonel Profil-Lama Kıvrırma Vals Topları
- Özel işler için özel imalat vals topları

OPTIONAL EQUIPMENTS

- Automation with NC Control
- Optional Profile-Flat Bar Bending Rolls
- Special Roll Sets

PBH 4V	Mil Çapı Shaft Diameter	Vals topu Çapları Rolls Diameter	Üst Vals topu Uzunluğu Shaft Length	Kıvrırma Hızı Bending Speed	Tahrikli Top Adedi Number of Driven Rolls	Yan Dayama Eksen adedi Number of Side Rolls Axes	Motor Gücü Motor Power	Makina Ölçüleri Machine Dimensions	Makina Ağırlığı Machine weight
	Ø mm	Ø mm	mm	m/dakika m/min			mm	mm	kg
70	70	200	150	8	2	1	3+1.1	1200x1100x800	1400
90	90	260	160	6.37	3	2	5.5	1700x1450x1200	2800
110	110	320	200	4.98	3	3	7.5	2000x1700x1250	4500



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PBH 4V - PBH 3V**HİDROLİK PROFİL ve BORU BÜKME MAKİNELERİ
KAPASİTE TABLOSU**HYDRAULIC SECTION and PIPE BENDING MACHINES
CAPACITY CHART

BR		PBH 4V						PBH 3V				
No	Profil cinsi Profile Type	70		90		110		80		100		AÇIKLAMA 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	
1		60x10 20x5	500 250	100x20 80x20 30x10	2000 800 300	100x20 30x10	800 400	80 x 15 40 x 10	800 400	100 x 20 50 x 10	1000 500	Standart Valsler Standard Rolls
2		80x20 50x5	500 250	125x25 60x5	600 300	200x30 160x35 80x5	1200 800 400	125 x 25 60 x 8	600 400	200 x 30 80 x 10	1000 500	Standart Valsler Standard Rolls
3		32x32 12x12	400 250	45x45 15x15	500 380	60x60 15x15	750 400	45 x 45 15 x 15	500 350	60 x 60 20 x 20	800 400	Standart Valsler Standard Rolls
4		Ø 35 Ø 10	350 250	Ø 50 Ø 15	500 380	Ø 75 Ø 15	800 450	Ø 50 Ø 15	600 350	Ø 70 Ø 20	800 400	Özel Valsler Optional Rolls
5		Ø 60x2 Ø 15x1,5	600 200	Ø 100 x 2,5 Ø 15x1	1200 380	Ø 125x2,5 Ø 15x1	1400 450	Ø 100 x 2,5 Ø 15 x 1	1200 350	Ø 125 x 2,5 Ø 20 x 1,5	1400 600	Özel Valsler Optional Rolls
6		Ø 2x3,91 Ø 1/2x2,77	400 200	Ø 3x5,48 Ø 1/2x2,77	800 380	Ø 4x6,02 Ø 1/2x2,77	1000 450	Ø 3" x 5,48 Ø 3/8" x 1,65	800 400	4" x 6,02 Ø 1/2" x 2,77	1000 500	Özel Valsler Optional Rolls
7		50x25x3 20x15x2	450 250	80x25x3 25x15x2	800 350	100x40x4 25x15x2	1300 450	80 x 25 x 3 25 x 15 x 2	800 400	100 x 40 x 4 50 x 30 x 3	1300 600	Özel Valsler Optional Rolls
8		45x3 20x2	600 300	70x3 25x2	1300 400	80x5 25x2	1500 450	70 x 70 x 3 40 x 40 x 2	1400 800	80 x 80 x 5 50 x 50 x 3	1500 1200	Özel Valsler Optional Rolls
9		60x60x6 30x30x4	650 350	80x80x8 30x30x3	800 450	100x100x12 40x40x4	1000 700	80 x 80 x 8 40 x 40 x 4	800 400	100 x 100 x 12 50 x 50 x 5	1000 500	Özel Valsler Optional Rolls
10		50x50x5 30x30x4	550 350	70x70x7 30x30x3	700 450	100x100x10 40x40x4	1000 550	80 x 80 x 8 40 x 40 x 4	1000 400	100 x 100 x 10 50 x 50 x 5	1000 500	Özel Valsler Optional Rolls
11		60x7 20x3	550 250	80x9 25x3,5	800 280	100x11 30x4	1000 400	80 x 80 x 9 25 x 25 x 3	800 500	100 x 100 x 10 30 x 30 x 4	1000 500	Standart Valsler Standard Rolls
12		50x6 20x3	500 250	70x8 25x3,5	800 280	90x10 30x4	1000 400	80 x 80 x 9 25 x 55 x 3	1200 500	100 x 100 x 10 30 x 30 x 4	1500 500	Standart Valsler Standard Rolls
13		60x70 20x3	500 250	80x9 30x4	800 300	100x11 30x4	1000 400	80 x 80 x 9 25 x 55 x 3	800 500	100 x 100 x 10 30 x 30 x 4	1000 500	Özel Valsler Optional Rolls
14		UPN 80 UPN 30	600 250	UPN 140 UPN 120 UPN 100	1600 900 600	UPN 180 UPN 30	900 400	UPN 120	800	UPN 160	1000	Standart Valsler Standard Rolls
15		UPN 65 UPN 30	600 250	UPN 140 UPN 120 UPN 100	1600 1000 800	UPN 180 UPN 30	1000 400	UPN 120	800	UPN 160	1000	Standart Valsler Standard Rolls
16		IPN 80	600	IPN 120 IPN 80	600 400	IPN 180 IPN 80	1000 400	IPN 120	800	IPN 160	1000	Özel Valsler Optional Rolls
17								--	--	UPN 80	3000	Özel Valsler Optional Rolls
18								--	--	IPN 100	2000	Özel Valsler Optional Rolls

Kapasiteler 260 N/mm² sac mukavemetine göre verilmiştir. Bending capacities are given for 260 N/mm² plate yielding strength.