



HAT-TECH

real power is the experience



Machines

Press Brakes

Shears

Plate Rolls

Profile Bending

Sawing

Iron Workers

Pipe Processing



6-8
Revolution Series



26-27
Hydraulic Series



32
MPR-E Series



40-41
MPB 30-50



52-57
Double Column



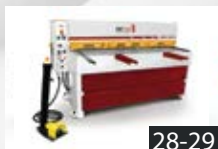
64-67
Single Cylinder



70
Pipe Notching



9-11
Superb Series



28-29
Mechanical Series



33
MPR-S Series



42-43
HPB 50-65-80



58
Pivot



64-67
Double Cylinder



71
Pipe Polishing



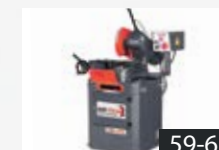
12-14
eBELT Series



34-35
HPR-3 Series



44-45
HPB 100-120



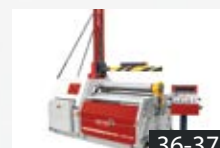
59-61
Circular



72-73
Belt Grinding



15-17
eSERVO Series



36-37
HPR-4 Series



46-48
**HPB 160-180
HPB 240-300**

The background image shows a large industrial building with a sign that reads "HAT-TECH". To the right, there is a warehouse area with several pallets stacked high with red cylindrical components. In the foreground, there are various pieces of industrial machinery, including what appears to be a red and blue machine on the left and a large red machine in the center. The overall scene is an industrial manufacturing environment.

About Us

Hat-Tech Machine Tools is a family company founded in 1988, located Bursa, Turkey with more than 30 years experience in the branch of manufacturing industrial machinery. All our range of machines and accessories are mostly manufactured at Hat-Tech and / or being build by well-known other manufacturers with own Hattech technical requirements. HMT offers a wide range of precision machines such as press brakes, plate rolls, shearing machines, and angle rolls.

Our strength in innovation is within our in-house design and engineering capacity that goes along with a high degree of our broad range of manufacture. HMT's design team has created the most innovative and precise machines in the North American market since 2016. Creating value for our customers, responding to their expectations with quality and stability is our first priority.



HAT-TECH

PRB-eBELT 30100

HAT-TECH

PRB-S 2060

HAT-TECH

PRB-eSERVO 2040



PRESS

BRAKES



PRB-R Revolution Series

COMPETITIVE POWER

Hardworking, productive and perfect bendings
High sensitivity and repeatability
Low service cost
High efficiency
Easy to Use
Economic
Fast



PRB-R Revolution Series		1040	1260	2060	25100	30100	30135	30175	30220	30320	37175	37220	40175	40220	40320	40400	40600	43220	50220	50400	60220	60320	60400	60600	
Force Capacity	ton	40	60	60	100	100	135	175	220	320	175	220	175	220	320	400	600	220	220	400	220	320	400	600	
Max. Working Length	mm	1000	1300	2000	2500	3100	3100	3100	3100	3100	3700	3700	4100	4100	4100	4100	4100	4300	5100	5100	6100	6100	6100	6100	
Max. Stroke	mm	220	270	270	270	270	270	270	270	370	270	270	270	270	370	370	370	370	270	370	270	370	370	370	
Max. Open Height Without Tools	mm	440	550	550	550	550	550	550	550	630	550	550	550	550	630	630	700	630	550	630	530	630	630	700	
Throat Depth	mm	320	450	450	450	450	450	450	450	450	450	450	450	450	450	550	550	450	450	550	450	450	450	550	
Approach Speed	mm / s	180	180	180	180	180	160	160	140	160	140	160	160	160	160	140	80	160	140	140	140	140	140	120	80
Working Speed	mm / s	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	7	10	10	8	10	10	8	7	
Return Speed	mm / s	110	110	110	120	120	120	100	140	140	140	120	140	140	140	120	80	140	140	120	120	120	120	100	80
X Axis Stroke	mm	300	650	650	650	650	650	650	650	650	650	650	650	650	650	750	750	650	650	750	750	750	750	750	
R Axis Stroke	mm	160	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	
Length	mm	2130	2130	2830	3300	4250	4250	4300	4320	4350	5050	5050	5200	5320	5320	5820	5690	5620	5320	6820	7620	7620	7620	7620	
Width	mm	1760	1990	1990	1700	1700	1700	1825	1830	1830	1750	1830	1830	1830	1920	2180	2280	1920	1871	2240	1820	1960	2190	2650	
Height	mm	2110	2375	2575	2760	2760	2760	2920	2960	3350	2960	2960	2890	3000	3350	3700	3960	3350	3050	3750	3450	3590	3840	4010	
Weight	kg	2860	3100	3500	6500	7500	8500	9600	11000	17210	11750	13200	12950	14750	20050	27900	40800	13620	16450	31250	20910	29120	34740	52720	

STANDART CONFIGURATIONS

- ✓ Y1, Y2, X – 3 - axis
- ✓ CNC CybTouch8 screen control unit
- ✓ Motorized back gauge & ball screw system
- ✓ Manual crowning system
- ✓ 60mm die holder
- ✓ European top clamping system
- ✓ Sliding front arms with brush
- ✓ Special cover design
- ✓ World standard electric equipments



OPTIONAL CONFIGURATIONS

- ✓ MDS Laser Kit (for Top Beam)
- ✓ Manual MCS+DSP AP Laser Kit (PLC included)
- ✓ Control unit - CybTouch12 , CybTouch15 , ModEva PAC
Delem DA-52S , Delem DA-58T , Delem DA-66T
- ✓ R axis
- ✓ Z1-2 axis
- ✓ Quick release clamping
- ✓ Wila PRO and PREMIUM Top and Bottom clamping systems
- ✓ Manual Central lubrication system
- ✓ Motorized Central lubrication system
- ✓ Laser Bending line
- ✓ CE confirmation with light curtain (back side)
- ✓ Additional back gauge finger and sliding front support arms
- ✓ Special packing for overseas shipments

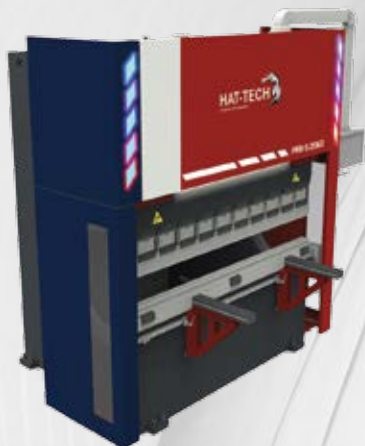


PRB-S Superb Series

EXPERIENCED POWER

Hardworking, productive and perfect bendings
Excellent sensitivity and deep throat bendings
Solid main body
High efficiency
Easy to Use
Hi-level supplies

PRB - S Series



PRB-S Superb Series		1040	1260	2060	25100	30100	30135	30175	30220	30320	37175	37220	40175	40220	40320	40400	40600	43220	50220	50400	60220	60320	60400	60600	
Force Capacity	ton	40	60	60	100	100	135	175	220	320	175	220	175	220	320	400	600	220	220	400	220	320	400	600	
Max. Working Length	mm	1000	1300	2000	2500	3100	3100	3100	3100	3100	3700	3700	4100	4100	4100	4100	4100	4300	5100	5100	6100	6100	6100	6100	
Max. Stroke	mm	220	270	270	270	270	270	270	270	370	270	270	270	270	370	370	370	370	270	370	270	370	370	370	
Max. Open Height Without Tools	mm	440	550	550	550	550	550	550	550	630	550	550	550	550	630	630	700	630	550	630	530	630	630	700	
Throat Depth	mm	320	450	450	450	450	450	450	450	450	450	450	450	450	450	550	550	450	450	550	450	450	450	550	
Approach Speed	mm / s	180	180	180	180	180	160	160	140	160	140	160	160	160	160	140	80	160	140	140	140	140	140	120	80
Working Speed	mm / s	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	7	10	10	8	10	10	10	8	7
Return Speed	mm / s	110	110	110	120	120	120	100	140	140	140	120	140	140	140	120	80	140	140	120	120	120	120	100	80
X Axis Stroke	mm	300	650	650	650	650	650	650	650	650	650	650	650	650	650	750	750	650	650	750	750	750	750	750	750
R Axis Stroke	mm	160	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250
Length	mm	2130	2130	2830	3300	4250	4250	4300	4320	4350	5050	5050	5200	5320	5320	5820	5690	5620	5320	6820	7620	7620	7620	7620	7690
Width	mm	1760	1990	1990	1700	1700	1700	1825	1830	1830	1750	1830	1830	1830	1920	2180	2280	1920	1871	2240	1820	1960	2190	2650	
Height	mm	2110	2375	2575	2760	2760	2760	2920	2960	3350	2960	2960	2890	3000	3350	3700	3960	3350	3050	3750	3450	3590	3840	4010	
Weight	kg	2860	3100	3500	6500	7500	8500	9600	11000	17210	11750	13200	12950	14750	20050	27900	40800	13620	16450	31250	20910	29120	34740	52720	

STANDART CONFIGURATIONS

- ✓ Y1, Y2, X, R – 4 - axis
- ✓ CNC CybTouch12 screen control unit
- ✓ Servo motor back gauge & ball screw system (X-R)
- ✓ CNC crowning system
- ✓ 60mm die holder
- ✓ European top clamping system
- ✓ Sliding front arms with brush
- ✓ Special cover design
- ✓ World standard electric equipments



OPTIONAL CONFIGURATIONS

- ✓ MDS Laser Kit (for Top Beam)
- ✓ Manual MCS+DSP AP Laser Kit (PLC included)
- ✓ Motorised MCS+DSP AP Laser Kit (PLC included)
- ✓ Control unit - CybTouch15 , ModEva PAC , Delem DA-52S
Delem DA-58T , Delem DA-66T , Delem DA-69T
- ✓ Z1-2 axis
- ✓ Z1-2 + Z5 axis
- ✓ Extended back gauges (X : 750 - 1000 - 1250)
- ✓ Quick release clamping
- ✓ Wila PRO and PREMIUM Top and Bottom clamping systems
- ✓ Manual Central lubrication system
- ✓ Motorized Central lubrication system
- ✓ Laser Bending line
- ✓ CE confirmation with light curtain (back side)
- ✓ Additional back gauge finger and sliding front support arms
- ✓ Special packing for overseas shipments



PRB-eBELT Series

TRIGGERED POWER

Force transmission with power belt
No hydraulic oil requirement
Full working length backgauge

No crowning requirement
Low power consumption
Fast and easy set-up



PRB-eBELT Series		2080	/	2060	/	30100
Force Capacity	ton	50		80		100
Max. Working Length	mm	2000		2500		3000
Max. Stroke	mm	300		300		300
Max. Open Height Without Tools	mm	700		700		700
Approach Speed	mm / s	100		100		100
Working Speed	mm / s	10		10		10
Return Speed	mm / s	100		100		100
X Axis Stroke	mm	600		600		600
R Axis Stroke	mm	250		250		250
Length	mm	3200		3700		4200
Width	mm	2300		2300		1700
Height	mm	2650		2650		2650
Weight	kg	4800		6700		7600

STANDART CONFIGURATIONS

- ✓ Y1, Y2, X, R – 4 - axis
- ✓ MDS Laser Kit (for Top Beam)
- ✓ Servo motor-belt drive system
- ✓ CNC CybTouch12 screen control unit
- ✓ Servo motor back gauge & ball screw system (X-R)
- ✓ CNC crowning system
- ✓ 60mm die holder
- ✓ European top clamping system
- ✓ Sliding front arms with brush
- ✓ Special cover design
- ✓ World standard electric equipments



PRB - eBELT

OPTIONAL CONFIGURATIONS

- ✓ Manual MCS+DSP AP Laser Kit (PLC included)
- ✓ Motorised MCS+DSP AP Laser Kit (PLC included)
- ✓ Control unit - Delem DA-58T , Delem DA-66T , Delem DA-69T
- ✓ Z1-2 axis
- ✓ Z1-2 + Z5 axis
- ✓ Quick release clamping
- ✓ Wila PRO and PREMIUM Top and Bottom clamping systems
- ✓ Manual Central lubrication system
- ✓ Motorized Central lubrication system
- ✓ Laser Bending line
- ✓ CE confirmation with light curtain (back side)
- ✓ Additional back gauge finger and sliding front support arms
- ✓ Special packing for overseas shipments



PRB-eSERVO Series

ELECTRIFIED POWER

Force transmission with ball-screw
No hydraulic oil requirement
Full working length backgauge

Low maintenance
New technology
Fast and easy set-up

PRB - eSERVO



PRB-eSERVO Series		0820	1220	1240	2040	2540
Force Capacity	ton	20	20	40	40	40
Max. Working Length	mm	850	1300	1300	2100	2500
Max. Stroke	mm	180	180	225	225	225
Max. Open Height Without Tools	mm	360	360	450	450	450
Approach Speed	mm / s	160	160	180	180	180
Working Speed	mm / s	10	10	10	10	10
Return Speed	mm / s	160	160	180	180	180
X Axis Stroke	mm	300	300	650	650	650
R Axis Stroke	mm	160	160	250	250	250
Length	mm	1850	2250	2250	2900	3620
Width	mm	1900	1900	1900	1900	1900
Height	mm	2650	2650	2900	2900	2900
Weight	kg	3270	3980	4600	5700	6640

STANDART CONFIGURATIONS

- ✓ Y1, Y2, X, R – 4 - axis
- ✓ Servo motor-ballscrew drive system
- ✓ CNC CybTouch12 screen control unit
- ✓ Servo motor back gauge & ball screw system (X-R)
- ✓ CNC crowning system
- ✓ 60mm die holder
- ✓ European top clamping system
- ✓ Sliding front arms with brush
- ✓ Special cover design
- ✓ World standard electric equipments



OPTIONAL CONFIGURATIONS

- ✓ MDS Laser Kit (for Top Beam)
- ✓ Manual MCS+DSP AP Laser Kit (PLC included)
- ✓ Motorised MCS+DSP AP Laser Kit (PLC included)
- ✓ Control unit - Delem DA-58T , Delem DA-66T , Delem DA-69T
- ✓ Z1-2 axis
- ✓ Z1-2 + Z5 axis
- ✓ Quick release clamping
- ✓ Ergonomic Operator Stand
- ✓ Ergonomic Operator Chair
- ✓ Wila PRO and PREMIUM Top and Bottom clamping systems
- ✓ Manual Central lubrication system
- ✓ Motorized Central lubrication system
- ✓ Laser Bending line
- ✓ CE confirmation with light curtain
- ✓ Additional back gauge finger and sliding front support arms
- ✓ Special packing for overseas shipments

WHY !

HAT-TECH

Back Gauge



X BACK GAUGE

PRB-R
Series

MINI
Series

- ✓ 0,03 mm Precision
- ✓ Fast and high accuracy
- ✓ Extra Stability with strong body structure
- ✓ Quick adjustment
- ✓ Easily retrofitted to R / Z1-2 Axis
- ✓ Well-Known brand linear components
- ✓ Micrometric adjustable finger blocks
- ✓ Maintenance free

PRB-eServo
Series

PRB-eBelt
Series

PRB-R
Series

PRB-S
Series

MINI
Series



X R BACK GAUGE



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MINI
Series



X R MINI BACK GAUGE

PRB-eServo
Series

PRB-eBelt
Series

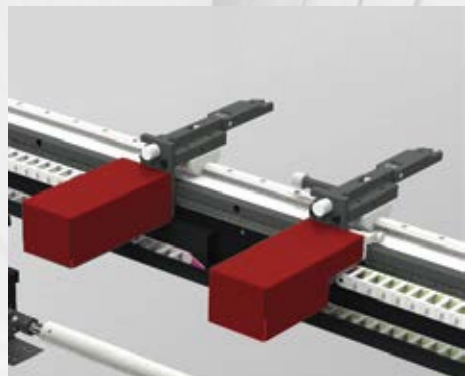
PRB-S
Series

PRB-R
Series

PRB-eServo
Series

PRB-eBelt
Series

PRB-S
Series

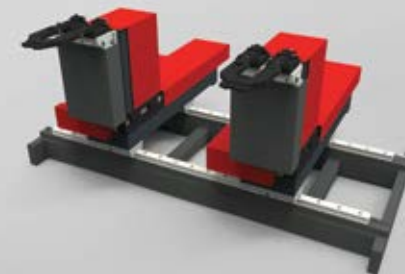


X R Z1-2 BACK GAUGE

PRB-eBelt
Series

PRB-S
Series

Heavy Duty
Series



6 AXIS BACK GAUGE



X R Z1-2+X5 BACK GAUGE



HAT-TECH
real power is the experience



DA-52S

- ◆ Quick, one page programming
- ◆ Hotkey navigation
- ◆ 7" widescreen colour TFT
- ◆ Up to 4 axes (V1, Y2, and 2 auxiliary axes)
- ◆ Crowning control
- ◆ Tool/material/product library
- ◆ USB, peripheral interfacing
- ◆ Advanced Y-axis control algorithms for closed loop as well as open loop valves
- ◆ Panel based controller with optional housing

2D graphical touch screen programming ◆

15" high resolution colour TFT ◆

Bend sequence calculation ◆

Crowning control ◆

Servo and frequency inverter control ◆

Advanced Y-axis control algorithms ◆

USB, peripheral interfacing ◆

Profile-58TL offline software ◆



DA-58T



DA-66T

- ◆ 2D graphical touch screen programming mode
- ◆ 3D visualisation in simulation and production
- ◆ 17" high resolution colour TFT
- ◆ Full Windows application suite
- ◆ Delem Modusys compatibility (module scalability and adaptivity)
- ◆ USB, peripheral interfacing
- ◆ Open system architecture
- ◆ Sensor bending & correction interface
- ◆ Profile-TL offline software

3D and 2D graphical touch screen programming mode ◆

3D visualisation in simulation and production ◆

17" high resolution colour TFT ◆

Full Windows application suite ◆

Delem Modusys compatibility (module scalability and adaptivity) ◆

USB, peripheral interfacing ◆

Open system architecture ◆

Sensor bending & correction interface ◆

Profile-T3D offline software ◆



DA-69T



CybTouch 8 PS

- ◆ Controls 3 axes (with 4th axis as option).
- ◆ 2D graphic profile creation with manual sequencing (option).
- ◆ Bend allowance calculation
- ◆ Pressure – crowning calculation.
- ◆ Each part or bend can have its specific tools
- ◆ Angle and back gauge correction.
- ◆ Delivered with PCI200 offline software.



CybTouch 15 PS

- ◆ S-CBT-154PSA20/BW Touchscreen 15", CNC 4 axes, 2D graphical, housing version
- ◆ S-CBT-154PSA20/P Touchscreen 15", CNC 4 axes, 2D graphical, panel version.
- ◆ Z1, Z2 axes (requires CybMVA module for Y1, Y2)
- ◆ Tandem management.
- ◆ VisiTouch 2D or VisiTouch MX offline software



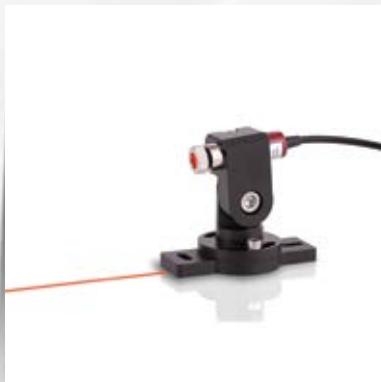
CybTouch 12 PS

- ◆ 4 axes control (Y1-Y2-X-R).
- ◆ TouchProfile 2D graphic part creation with manual sequencing.
- ◆ Bend allowance calculation.
- ◆ Pressure – crowning calculation.
- ◆ Each part or bend can have its specific tools.
- ◆ Punch depth calculation.
- ◆ Angle and back gauge correction.
- ◆ Delivered with PC-ModEva offline software



ModEva Pac

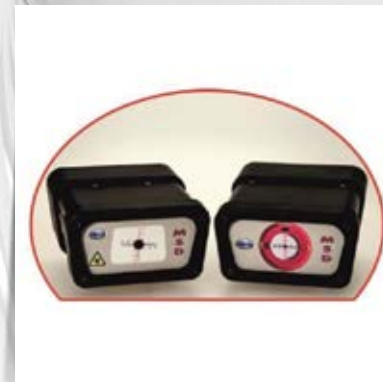
- ◆ Graphic 2D display and simulation capability.
- ◆ Collision detection according to criteria defined by the operator
 - ◆ - Minimum length against the operator
 - ◆ - Minimum return
 - ◆ - Maximum accuracy between two defined faces.
 - ◆ - Minimum operator manipulation
- ◆ Angle protractor interfacing
- ◆ Tool locator.
- ◆ Tandem operation



Laser Bending Line



Auto Lubrication



MDS Laser Safety Kit



DSP Laser Safety Kit



Sheet Followers



Air Conditioner



Oil cooler



Light Curtain



Oil Heater



Manual Lubrication



European Type Bottom Tool



Custom Bottom Tool Multi - V



Quick Release Clamping



European Clamping System



Wila Hydraulic Top Tool Clamping



Wila Mechanic Top Tool Clamping



Wila Mechanic Bottom Tool Clamping



Wila Hydraulic Bottom Tool Clamping



Motorised Crowning System



Manual Crowning System

EVERYTHING FOR MACHINE



MACHINE

FOR EVERYTHING



HAT-TECH

real power is the experience



Nilufer Ticaret Merkezi Yaylali Sk. No:1
BURSA / TURKEY



+9 0224 441 26 30
+90 553 920 19 87



sales@hattech.com.tr
burak.kocyigit@hattek.com.tr



www.hattech.com.tr
www.hattek.com