

	MAP 160	MAP 300	MAP 456
Characteristics			
Usable length	6 to 18 m	6 to 18 m	6 to 18 m
Types of profiles	L — U I H	L — U I H	L — U I H
Carriage maxi speed	60 m/min	60 m/min	60 m/min
Working height	1050 mm	1050 mm	1050 mm
Punching			
Angles L	35 to 100 x 100 x 10 mm	150 x 150 x 15 mm	150 x 150 x 15 mm
Flat bar —	35 to 160 x 10 mm	300 x 15 mm	450 x 15 mm
IPE I	80 to 160 mm	80 to 300 mm	80 to 450 mm
IPN I	80 to 160 mm	80 to 300 mm	80 to 300 mm
UPN U	80 to 160 mm	80 to 260 mm	80 to 300 mm
UPE U	80 to 160 mm	80 to 300 mm	80 to 400 mm
HEA / HEB H	-	100 to 160 mm	100 to 200 mm
Cold profiles	80 to 160 mm	80 to 300 mm	80 to 300 mm
Number of punching units	3 / 4 / 6	4 / 6	6
Punching power	220 kN	490 kN	490 kN
Punching maximum diameter	Ø 22 mm	Ø 32 mm	Ø 32 mm
Punching maximum diameter in maximum thickness	Ø 27 mm in 10 mm	Ø 25 mm in 15 mm	Ø 25 mm in 15 mm (web) Ø 22 mm in 18 mm (flanges)
Marking			
Possible marking power	650 kN	650 kN	650 kN
Number of barrel stations	8 of 9 characters	8 of 9 characters	8 of 9 characters
Shearing			
Shearing power	90 tons	160 / 220 tons	220 tons
Angles L	35 to 100 x 100 x 10 mm	35 to 150 x 15 / 150 x 15 mm	35 to 150 x 15 mm
Flat Bars —	35 to 160 x 10 mm	35 to 250 x 15 / 300 x 15 mm	35 to 300 x 15 mm
IPE I	80 to 160 mm	80 to 220 / 300 mm	80 to 300 mm
IPN I	80 to 160 mm	80 to 220 / 280 mm	80 to 280 mm
UPN U	80 to 160 mm	80 to 220 / 300 mm	80 to 300 mm
UPE U	80 to 160 mm	80 to 220 / 300 mm	80 to 300 mm
HEA H	100 mm	100 to 160 / 180 mm	100 to 180 mm
HEB H	-	100 to 140 / 160 mm	100 to 160 mm
Cold profiles	80 to 160 mm	80 to 220 / 300 mm	80 to 300 mm

Equipments	MAP 160	MAP 300	MAP 456
MAP driver software	●	●	●
DSTV file import	●	●	●
Telemaintenance	●	●	●
CNC controlled backmarks	●	●	●
Air conditioning in electrical cabinet	●	●	●
Marking unit with barrel	○	○	○
Disk marking unit - 40 characters	○	○	○
Repositioning vise	●	●	○
Pneumatic loading system	○	-	-
Motorized (4.5 m) take-off table	●	●	●
Tilting section on 850 mm	○	○	○
Lateral storage loading/unloading system	○	○	○
Hydraulic unloading system	○	○	○

○ Optional ● Standard

VERNET BEHRINGER reserves the right to modify technical data without prior notice
Characteristics are given for E24 / ST37 steel