

**HBP****HIGH PERFORMANCES BEHRINGER BANDSAWS****CHARACTERISTICS:**

- High drive power for fast cutting of profiles
- Regulation of the cutting speed by continuous adjustable frequency variation
- Horizontal clamping on each side of the blade and vertical clamping for an optimized support of the part for straight and mitre cuts,
- Inclined driving wheels reducing significantly the blade wear
- Combined roller guides and hydraulically pre-tensioned carbide guides
- Optimized (hydraulic) blade tensioning to carry out accurate cuts
- Easy access to the blade allowing fast changing without tools
- Inclined saw blade to carry out cuts on materials with thick flanges and webs without vibration
- Optimized blade down stroke according to cut width
- Auto regulated hydraulic feed allowing an automatic adjustment to the profile's type and blade wear
- Sensing system for a fast approach and optimized passage to working speed
- Rotating chip brush for band cleaning
- Integrated micro dosing system minimizing the quantity of lubricant used
- Standard "Free cut" system (from 600 mm width capacity) to prevent material tightening on the saw blade
- NC saw blade rotation +/- 45°, +45/-60° or +/-60° depending on models and options
- Saw rotation axis located on the reference for an easy correction of angles
- Integrated detection of saw band breakage, sliding or leaving the guides

## IMPRESSIVE OUTPUT AND CUTTING RANGE

Whatever you have to saw, the mitre bandsaws from **BEHRINGER** integrated in our drill-saw lines make short work of any sawing assignment.

	HBP 260/403G	HBP 310/523G	HBP 410/723G	HBP 510/723G	HBP 410/923G	HBP 510/923G	HBP 510/1208 G	HBP 600/1803G
Capacity (straight cuts, mm)*	400x260	400x300	600x400	600x500	900x400	900x500	1200x500	1800x600
Capacity (mitre cuts, mm)*	60° left	340x260	400x300	580x400	580x500	750x400	750x500	1000x500
	45° left	260x260	350x300	450x400	450x450	600x400	600x500	810x500
	30° left	150x150	230x300	300x300	300x400	400x300	400x400	/
	60° right	280x260	400x300	580x400	580x500	750x400	750x500	1000x500
	45° right	200x260	260x300	450x380	450x450	600x380	600x450	810x500
	30° right	/	/	Option 260x380	Option 260x450	Option 360x380	Option 360x450	Option 510x500
Materials to be processed	H-beams, channels, angles, flats, right hollow sections							
Blade dimensions (mm)	4640x34x1.1	5000x34x1.1	6300x41x1.3	6900x54x1.3	6700x41x1.3	7300x54x1.3	9750x54x1.3	11600x54x1.6
Blade inclination	3°	3°	3°	3°	3°	3°	8°	3°
Motor power	4 kW	4 kW	4 kW	5.5 kW	4 kW	5.5 kW	7.5 kW (Option: 13.2 kW)	11 kW
Free Cut system	/	/	✓	✓	✓	✓	✓	✓
Carbide kit	/	/	/	Option	/	Option	Option	/
Laser line	Option							

\* The capacities are given for in line integration with a drilling machine with similar capacity and may vary depending on the line configuration

## ADDITIONAL EQUIPMENT



HBP 510/1208 G



HBP 510/1208 G



HBP 410/923 G



HBP 410/723 G



HBP 600/1803 G



HBP 600/1803G

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