

# Jig-saws

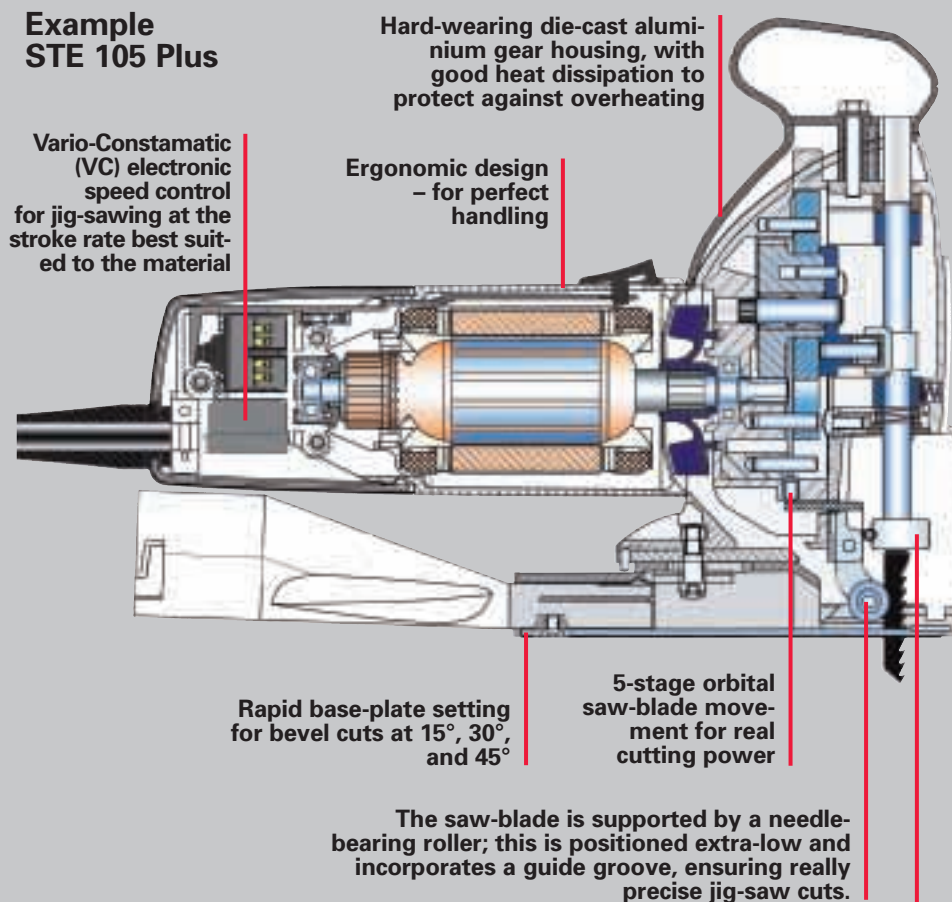
When it comes to cross-cutting all sorts of materials, cutting curves, plunge-cutting through the material surface, or working in confined and awkward spaces, a jig-saw from Metabo is always the right choice. The most important factors are: the saw's power output, of course, but also ease of handling and the orbital saw-blade movement.

On all Metabo jig-saws, the roller supporting the saw-blade is positioned extra-low and incorporates a guide groove; this ensures really precise cutting. All Metabo jig-saws

are also suitable for bevel cuts, of course, and can be attached to a Metabo saw table for stationary use. On Metabo jig-saws with the »Quick« feature, the saw-blade can be changed in a matter of seconds; no special tools are needed. The 4-stage or 5-stage orbital blade movement makes jig-sawing faster and more comfortable. Hardly any pressure is required, and the saw-blades last longer.

A comprehensive range of jig-saw-blades makes Metabo jig-saws ideal for almost all materials.

## Example STE 105 Plus

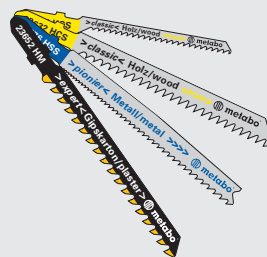


Metabo »Quick« saw-blade change



### 4-stage and 5-stage orbital blade movement

The saw-blade's special oscillating movement on orbital-motion jig-saws makes for: quicker working, because the sawdust is cleared away more efficiently  
– easy and less strenuous jig-sawing because the orbital movement needs less pressure  
– longer saw-blade life because the blade is lifted off the workpiece for each non-cutting stroke, thus reducing unnecessary friction.



**Comprehensive range of jig-saw blades** for perfect jig-sawing in all sorts of materials



### Vario-Constamatic (VC) full-wave electronic speed control

With VC full-wave electronic speed control, the stroke rate can be set exactly to suit the job and the material to be worked, e.g. low stroke rates for jig-sawing metals and plastics.



### Very easy handling : Metabo's »Quick« saw-blade change – fast, convenient, safe, and without any special tools.

With one hand press the small lever on the saw-blade clamp as far as it will go; with the other hand, insert the saw-blade into the blade holder; and then release the clamp lever. Finished! The saw-blade is held perfectly in place.



### Especially powerful – for professional use

Metabo's 710-watt electronic orbital-motion jig-saws can cut through wood up to 105 mm thick – the ideal power tools for really prolonged, tough jobs.



### Dead-straight or round in a circle

Extra accessories, e.g. the guide rail and the circle-cutting guide, make Metabo jig-saws even more versatile. (see page 95)



ST 50 Pendix



STE 70



STE 80 Quick



#### Common features

- Loop handle for comfortable single-handed use
- Sturdy gear and motor housing for harsh working conditions
- Change saw blades easily and quickly
- Low-lying blade supporting roller with guide groove– for extra precise cutting
- Rapid setting of the guide-plate for bevel cuts using the angle settings: 15, 30 and 45°
- Optimum handling thanks to the ergonomic design
- Upwards swinging hand-guard to prevent the operator from accidentally touching the saw blade
- Blow device to ensure a clear view of the cut site
- High suction performance thanks to chip-extraction nozzle
- Auto-stop carbon brush
- Anti-Splintering in the guide-plate for cut crack-free edges
- Long straight cuts using the optional accessory guide rail 6.31250 and the guide device 6.31249
- Store for hexagon spanners

	400-watt orbital jig saw ST 50 Pendix	570-watt electronic orbital jig saw STE 70	610-watt electronic orbital jig saw STE 80 Quick
<b>Special advantages</b>			
● Metabo »Quick« keyless rapid saw blade change			●
● Vario-Constamatic (VC)-full wave electronics		●	●
● Adjustable orbital stroke for extra high cutting performance and good curves	4-level	4-level	4-level
● Stationary use with saw table 6.34810 (accessory)	●	●	●
● Torque	4 Nm	5 Nm	5,5 Nm
<b>Type</b>	<b>ST 50 Pendix</b>	<b>STE 70</b>	<b>STE 80 Quick</b>
<b>Order No.</b>	<b>6.04000 ■</b>	<b>6.05700 ■</b>	<b>6.06100 ■</b>
<b>Standard equipment</b>	Hand-guard, anti-splintering plates, jig-saw blade and hexagon spanner	Protective screen, hand-guard, anti-splintering plates, jig-saw blade and hexagon socket	Protective screen, hand-guard, clip-on plastic plate, anti-splintering plates, jig-saw blade and hexagon socket
<b>Technical specifications</b>			
Maximum material thickness in			
– Timber	50 mm	70 mm	80 mm
– NE metals	10 mm	20 mm	25 mm
– Sheet steel	3 mm	6 mm	8 mm
Stroke rate at no load	3000 rpm	1000-3000 rpm	1000-3000 rpm
Rated input power	400 watts	570 watts	610 watts
Output power	240 watts	340 watts	360 watts
Weight (excluding mains lead)	2.2 kg	2.2 kg	2.3 kg

# Jig-saws
















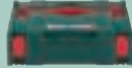

## Common features

- Sturdy gear and motor housing for harsh working conditions
- Vario-Constamatic (VC)-full wave electronics
- Change saw blades easily and quickly
- Low-lying blade supporting roller with guide groove – for extra precise cutting
- Upwards swinging hand-guard to prevent the operator from accidentally touching the saw blade
- Hard-wearing diecast aluminium gear housing with good heat dissipation qualities
- Rapid setting of the guide-plate for bevel cuts using the angle settings: 15, 30 and 45°

- Optimum handling thanks to the ergonomic design
- Blow device to ensure a clear view of the cut site
- High suction performance thanks to chip-extraction nozzle
- Auto-stop carbon brush
- Anti-Splintering in the guide-plate for cut crack-free edges
- Long straight cuts using the optional accessory guide rail 6.31250 and the guide device 6.31249
- Store for hexagon spanners

	710-watt electronic orbital jig saw STE 105	710-watt electronic orbital jig saw STE 105 Plus	710-watt electronic orbital jig saw STEB 105	710-watt electronic orbital jig saw STEB 105 Plus
<b>Special advantages</b>				
● Loop handle for comfortable single-handed use			●	●
● Extra comfortable handling thanks to the slim motor housing and the additional hand hold	●	●		
● Metabo »Quick« keyless rapid saw blade change		●		●
● Adjustable orbital stroke for extra high cutting performance and good curves	5-level	5-level	5-level	5-level
● Torque	7 Nm	7 Nm	7 Nm	7 Nm
<b>Type</b>	<b>STE 105</b>	<b>STE 105 Plus</b>	<b>STEB 105</b>	<b>STEB 105 Plus</b>
<b>Order No.</b>	<b>6.10700</b>	<b>6.10500 ■</b>	<b>6.10800</b>	<b>6.10600 ■</b>
<b>Standard equipment</b>	Chip-extraction nozzle, protective screen, hand-guard, anti-splintering plates, jig-saw blade and hexagon socket	Chip-extraction nozzle, protective screen, hand-guard, anti-splintering plates, jig-saw blade and hexagon socket	Chip-extraction nozzle, protective screen, hand-guard, anti-splintering plates, jig-saw blade and hexagon socket	Chip-extraction nozzle, protective screen, hand-guard, anti-splintering plates, jig-saw blade and hexagon socket
<b>Technical specifications</b>				
Maximum material thickness in				
– Timber	105 mm	105 mm	105 mm	105 mm
– NE metals	30 mm	30 mm	30 mm	30 mm
– Sheet steel	10 mm	10 mm	10 mm	10 mm
Stroke rate at no load	1000-3000 rpm	1000-3000 rpm	1000-3000 rpm	1000-3000 rpm
Rated input power	710 watts	710 watts	710 watts	710 watts
Output power	440 watts	440 watts	440 watts	440 watts
Weight (excluding mains lead)	2.5 kg	2.5 kg	2.6 kg	2.6 kg



Accessories	Order No.
 <p><b>Push-fit protective plate</b> fits onto the jig-saw's base-plate – this protects sensitive workpiece surfaces from scratching.</p> <p>(supplied as standard with STE 80 Quick)</p>	6.23664
 <p><b>Circle cutting and rip guide</b> for cutting circles of 100 to 360 mm diameter and for cutting parallel to an edge (maximum distance from the edge 210 mm)</p>	6.31340
 <p><b>Jig saw guide</b> for using jig-saws in conjunction with the guide rail 6.31250</p>	6.31249
 <p><b>Guide rail, 1500 mm long</b></p> <ul style="list-style-type: none"> <li>● Clean-cut edges with no splintering thanks to the guide rail's plastic-extrusion strip edging – even with bevel cuts up to 45°</li> <li>● Made of sturdy, anodised aluminium extrusion</li> <li>● Anti-slip backing provides safe and reliable support and protects the workpiece surface against scratches.</li> <li>● Adjustable guide rule, in T-slots to eliminate play</li> </ul>	6.31250
 <p><b>Cross-cutting and mitering guide</b> to be attached to the guide rail, allowing mitre cuts up to 45° on either side</p>	6.31057
 <p><b>Connecting strip</b> for joining together two or more guide rails</p>	6.31243
 <p><b>Set of two G-clamps</b> for fixing the guide rail to the workpiece or to the workbench</p>	6.31059
 <p><b>Jig saw bench-mounting plate<sup>1)</sup></b> 255 x 183 mm with clamp for fixing on the workbench</p>	6.23689
 <p><b>Table Insert<sup>1)</sup></b> for fitting the jig saw (except STE 105 Plus and STEB 105 Plus) to the saw table 6.34810 (see page 93)</p>	6.31368
 <p><b>Lubricating Stick</b> for lubricating the jig saw blades when sawing metals</p>	6.23443
 <p><b>Anti-splintering plates (3 pcs.)</b> (as a spare) for ST 50 Pendix, STE 70 and STE 80 Quick for STE 105 Plus and STEB 105 Plus</p>	6.31208 6.23665
 <p><b>Suction hose, Ø 27 mm, 3.5 m long,</b> for collecting sawdust using a vacuum extractor, with rubber connector (inside Ø 30 mm, outside Ø 35 mm) and connector Ø 58 mm for bayonet fitting</p>	6.31938
 <p><b>Plastic carry-case</b> for jig-saws ST 50 Pendix, STE 70 and STE 80 Quick</p>	6.25450
 <p><b>Metabox I</b> suitable for jig-saws ST 50 Pendix, STE 70, STE 80 Quick, STE 105 Plus and STEB 105 Plus</p>	6.25446
 <p><b>Metabox I</b> suitable for jig-saws ST 50 Pendix, STE 70, STE 80 Quick, STE 105 Plus and STEB 105 Plus</p>	6.24639

