



# MITRE CUTTING BANDSAW MACHINES

Precision



Power



Persistence



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# SEMI-AUTOMATIC MITRE CUTTING BANDSAW MACHINE



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## FEATURES

- One direction with angle swivel 0° ~ +45°
- Hydraulic vise clamping system
- Hydraulic controlled saw frame down feed
- Blade Cleaning: Steel brush & flood coolant

### Optional Device:

- One direction with angle swivel 0° ~ +60°
- Hydraulic upper clamp
- Inverter blade drive system

Specification	SC280Z	DC350Z	DC400Z	DC500Z
Cutting Capacity 0°	280mm 400×220 mm	350 mm 400×350 mm	400 mm 500×400 mm	500 mm 600×500 mm
Cutting Capacity +45°	280mm 220×250 mm	350 mm 350×200 mm	400 mm 300×400 mm	500 mm 500×350 mm
Blade Speed	29/44/54/78	25/35/53/80 m/min	20/30/45/60/80 m/min	30/50/70 m/min
Blade Size	27×0.9×3700 mm	34×1.1×4560 mm	41×1.3×5430 mm	41×1.3×6070 mm
Blade Motor	2.2 kW	4.0 kW	4.0 kW	4.0 kW
Hydraulic Motor	0.55 kW	0.55 kW	0.75 kW	1.5 kW
Coolant Motor	0.04 kW	0.04 kW	0.04 kW	0.04 kW
Clamping	Hydraulic vise	Hydraulic vise	Hydraulic vise	Hydraulic vise
Blade Tension	Manual	Manual	Manual	Manual
Angle Swivel	Manual	Manual	Manual	Manual
Angle Display	Angle Scale	Angle Scale	Angle Scale	Angle Scale
Machine Size	1900×1450×1480 mm	2300×1540×1500 mm	2780×1600×1720 mm	3000×1800×1900 mm

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- One direction with angle swivel 0° ~ +45°
- Hydraulic vise clamping system
- Hydraulic controlled saw frame down feed
- Blade Cleaning: Steel brush & flood coolant
- Hydraulic blade tension

### Optional Device:

- One direction with angle swivel 0° ~ +60°
- Hydraulic upper clamp
- Inverter blade drive system

Specification	DC600Z	DC800Z
Cutting Capacity 0°	600mm ■ 680x600mm	800mm ■ 1000x800mm
Cutting Capacity +45°	550mm ■ 550x600mm	800mm ■ 800x800mm
Blade Speed	30/50/70 m/min	10-60 m/min (Inverter)
Blade Size	54x1.6x7400 mm	54x1.6x8510 mm
Blade Motor	5.5 kw	7.5 kw
Hydraulic Motor	1.5 kw	2.2 kw
Coolant Motor	0.09 kw	0.09 kw
Clamping	Hydraulic vise	Hydraulic vise
Blade Tension	hydraulic	hydraulic
Angle Swivel	Manual	Manual
Angle Display	Angle Scale	Angle Scale
Machine Size	3680x2100x2100 mm	3880x2160x2800mm

# AUTOMATIC MITRE CUTTING BANDSAW MACHINE



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FEATURES

- One direction with angle swivel 0° ~ +45°
- PLC program control for all electric and hydraulic function.
- Intelligent interface with friendly touchscreen, easy to operate.
- Grating ruler positioning auto feeding length.
- Hydraulic controlled dual vise clamping system.
- Hydraulic upper clamp allows bundle cutting.

- Automatically adjust the frame height according to material size.
- New style of fast feed / feed in auto-switching, improve efficiency

**Optional Device:**

- One direction with angle swivel 0° ~ +60°
- Hydraulic upper clamp
- Inverter blade drive system

Specification	DCA350Z	DCA400Z	DCA500Z
Cutting Capacity 0°	350mm ■ 400x350mm	400mm ■ 500x400mm	500mm ■ 600x500mm
Cutting Capacity +45°	350mm ■ 350x200mm	400mm ■ 300x400mm	500mm ■ 500x350mm
Blade Speed	25/35/53/80 m/min	20/30/45/60/80	30/50/70 m/min
Blade Size	41x1.3x4300 mm	41x1.3x4910 mm	41x1.3x7140 mm
Blade Motor	3.0 kw	4.0 kW	5.5 kw
Hydraulic Motor	0.75 kw	0.75 kw	1.5 kw
Coolant Motor	0.04 kw	0.04 kW	0.09 kw
Clamping	Hydraulic vise	Hydraulic vise	Hydraulic vise
Blade Tension	Manual	Manual	Manual
Angle Swivel	Hydraulic	Hydraulic	Hydraulic
Angle Display	HMI Display	HMI Display	HMI Display
Machine Size	2300x2550x1800 mm	2800x2900x2000	3500x3750x2350mm