

Manual metal-cutting circular saws for steel, iron, light alloys, solid materials and sections

Facts that impress in terms of quality, performance and price

- ▶ Swivel range of $\pm 45^\circ$
 - ▶ Easily readable angle scale supports precise work
 - ▶ Mitre adjustment within seconds
 - ▶ Protected vice spindle
 - ▶ Solid machine chassis with drill holes on both sides for attaching the MSR material stand
 - ▶ Long handle supports sawing without applying excessive force, includes integrated pushbutton (on/off)
 - ▶ Automatic coolant pump switch-on during sawing
 - ▶ Functional protection device, closed design, mobile
 - ▶ Fast opening mechanism for optimal safety during cutting
 - ▶ Centrally clamping vise, 4x guided with individually adjustable clamping jaws Cut always occurs in optimal position relative to workpiece
- ▶ Solid machine chassis
 - ▶ Protected vice spindle
 - ▶ Machine chassis sizes:
 - CS 275 - 460 x 515 x 775 mm and
 - CS 315 - 546 x 620 x 801 mm
 - ▶ The saw is delivered without a circular saw blade (saw blade division freely selectable)



Coolant pump

- › Removable coolant tank
- › Integrated powerful pump

Fig.: CS 315

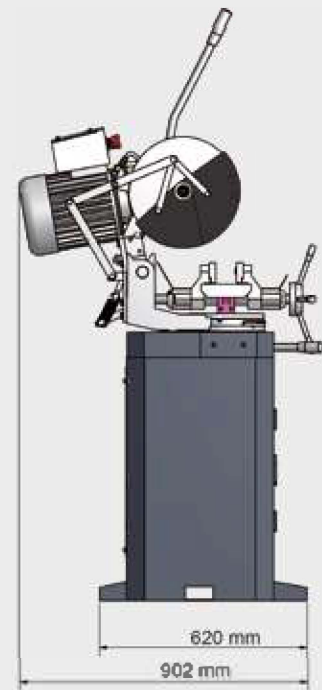
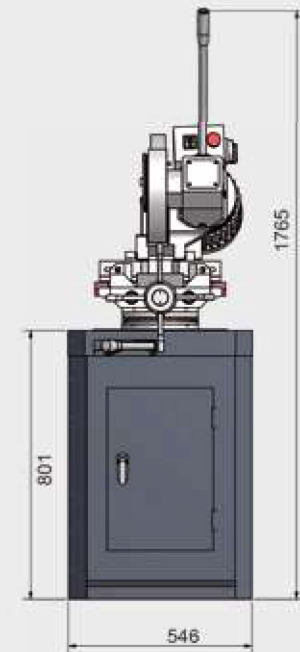
Material supports	Article no.
MSR 4	3357610
MSR 4H	3357001
MSR 7	3357611
MSR 7H	3357002
MSR 10	3357613
MSR 10H	3357003



Technical specifications, accessories and dimensions

Model	CS 275	CS 315
Article no.	3302275	3302300
Technical specifications		
Electrical connection	400 V / 3 Ph ~50 Hz	400 V / 3 Ph ~50 Hz
Motor output	1.4 / 2.0 kW	0.75 / 1.5 kW
Coolant pump motor	40 W	
General instructions		
Cutting angle	-45° to +45°	
Cutting angle adjustment	Via rotating bearing block	
Feed	manual	
Cutting speed	41 / 82 rpm	19 / 38 rpm
Saw blade diameter	Ø 275 mm Internal Ø 40 mm	Ø 315 mm Internal Ø 40 mm
Vice jaw width	110 mm	135 mm
Dimensions		
Length	460 mm	560 mm
Width	830 mm	902 mm
Height	1 700 mm	1 765 mm
Weight	175 kg	235 kg

Dimensions



Scope of supply

- > Coolant system
- > Machine chassis

Cutting areas

				
CS 275	0°	Ø 60 mm	60 mm	60 x 100 mm
CS 315		Ø 85 mm	85 mm	70 x 130 mm
CS 275	45°	Ø 60 mm	60 mm	60 x 70 mm
CS 315		Ø 85 mm	85 mm	70 x 90 mm



Circular saw blades - information

4 mm/T:    tube/sections (wall thickness)

- > up to 1 mm: Aluminium/Bronze/Copper/Brass
- > up to 1.5 mm: steels up to 1 500 N/m²/stainless steels
- > up to 2 mm: Steels up to 1 200 N/m²

6 mm/T:    tube/sections (wall thickness)



- > up to 1.5 mm: Aluminium/Bronze/Copper/Brass
- > as of 3 mm: Steels up to 1 800 N/m²

6 mm/T:   solid materials (cross-section)

- > 10-20 mm: Aluminium/Bronze/Copper/Brass
- > 20-40 mm: Steels up to 1 800 N/m²/stainless steels

8 mm/T:    tube/sections (wall thickness)

- > as of 3 mm: Aluminium/Bronze/Copper/Brass

8 mm/T:   solid materials (cross-section)

- > 20-40 mm: Steels up to 1 800 N/m²: Aluminium/Bronze/Copper
- > 40-60 mm: Steels up to 1 200 N/m²/stainless steels

Metal-cutting circular saw blade

CS 275

mm/per tooth	Teeth	Blade width	Article no.
4 mm/T	220 teeth	2.5 mm	3357444
6 mm/T	140 teeth	2.5 mm	3357446
8 mm/T	110 teeth	2.5 mm	3357448

CS 315

4 mm/T	240 teeth	2.5 mm	3357454
6 mm/T	150 teeth	2.5 mm	3357456
8 mm/T	120 teeth	2.5 mm	3357458