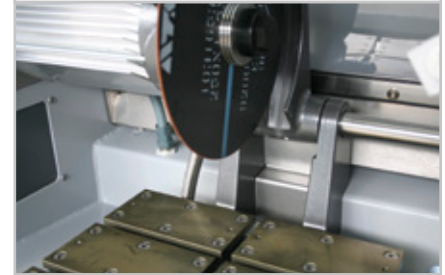


**SAFETY**

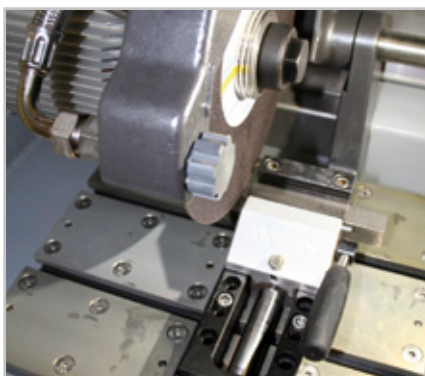
The integrated standstill monitoring allows opening only when the cutting wheel is not rotating.

**BRILLANT 200**

The BRILLANT 200 is an especially user-friendly wet abrasive cut-off machine with manual cut-off. Opening the machine folds away the hood to the inside so that the whole cutting chamber is easily accessible. The round window opens a wide field of view during the cutting process.

The cutting wheel cooling is integrated directly into the wheel guarding cover. The large, stainless table is equipped with replaceable wearing plates.

Transverse grooves allow optimized alignment of clamping vices (e. g. clamping vice 80).

**FINE DYNAMIC CUT-OFF**

The manual cutting movement of the Y-axis is executed precisely and jerk-free via lever. Length and angle of the lever are adjustable. Further, the cutting depth can easily be adjusted by using a limiter.

**ILLUMINATION**

Through the large rounded window, the cutting chamber is comfortably visible. For direct lighting, the Brillant 200 can be equipped with a flexible LED light.

BASIC MODULE



BRILLANT 200



Order No.: M1880000

- » manual vertical movement
- » simple operation
- » opening on left- and righthand side for continuous long materials
- » large table with replaceable wearing plates
- » large hood for optimal accessibility
- » latest safety standard with door interlocking system
- » solid aluminium design, powder coated
- » optional LED lamp
- » Easy-nut

EQUIPMENT



POWER SUPPLY

Equipment 1

400 V/50 Hz (3Ph/N/PE)

Order No.: A1880000

Equipment 2

480 V/60 Hz (3Ph/PE)

Order No.: A1880001

Equipment 3

220 V/60 Hz (3Ph/PE)

Order No.: A1880002

OPTION



LED FLEX-LIGHT

Order No.: A1880003

- » flexible LED light

ACCESSORIES



RECIRCULATION COOLING SYSTEM

- » 2-chamber-pvc-compartment 45 Ltr.
- » inlet sieve and filter bag

- » incl. connection set
- » controlled by cut-off machine

**Mobile, with insertion mechanism for System Lab cabinets**

400 V/50 Hz (3Ph/PE)

Order No.: A5800484

480 V/60 Hz (3Ph/PE)

Order No.: A5800485

220 V/60 Hz (3Ph/PE)

Order No.: A5800486

WxHxD 366x540(640)
x610 mm

**Mobile**

400 V/50 Hz (3Ph/PE)

Order No.: A5800487

480 V/60 Hz (3Ph/PE)

Order No.: A5800488

220 V/60 Hz (3Ph/PE)

Order No.: A5800489

WxHxD 366x550x600mm



ACCESSORIES

CENTRIFUGAL SEPARATOR



- » to remove coolant mist
- » increases quality of illumination
- » exhauster power 180 or 215 m³/h (depends on power supply)

400 V/50 Hz (3Ph/PE)

Order No.: Z1820009

480 V/60 Hz (3Ph/PE)

Order No.: Z1820012

220 V/60 Hz (3Ph/PE)

Order No.: Z1820011

SPECIFICATIONS

Cutting capacity	Ø 90 mm - 25 mm long parts Ø 55 mm for continuous long parts
Cut-off wheel	Ø 254 mm/10"
Arbour size	Ø 32 mm
Vertical movement ~	155 mm (depends on cut-off wheel)
Table WxD	350 x 288 mm
T-slot	12 mm

Speed	50 Hz / 2850 rpm 60 Hz / 3420 rpm
Motor cut-off wheel	3 kW, S6-mode
Connected load	4.5 kVA
Power supply	1 400 V/50 Hz (3Ph/N/PE)
	2 480 V/60 Hz (3Ph/PE)
	3 220 V/60 Hz (3Ph/PE)

WxHxD ~ 810 x 735 x 650 mm

Weight ~ 75 kg

