



CIRCULAR SAW M 800 - cutting of refractory materials



We offer you **manufacturing and delivery of Circular Saw M 800**. Strojírny a stavby Třinec developed **Numeric Controlled Circular Saw M 800 for cutting of refractory materials, stones and similar materials**. The diamond circular saw MGT-f 800 with easy replacement is applied for dry cutting of refractory materials as magnesite, chromiummagnesite, dolomite, corundum without water cooling.

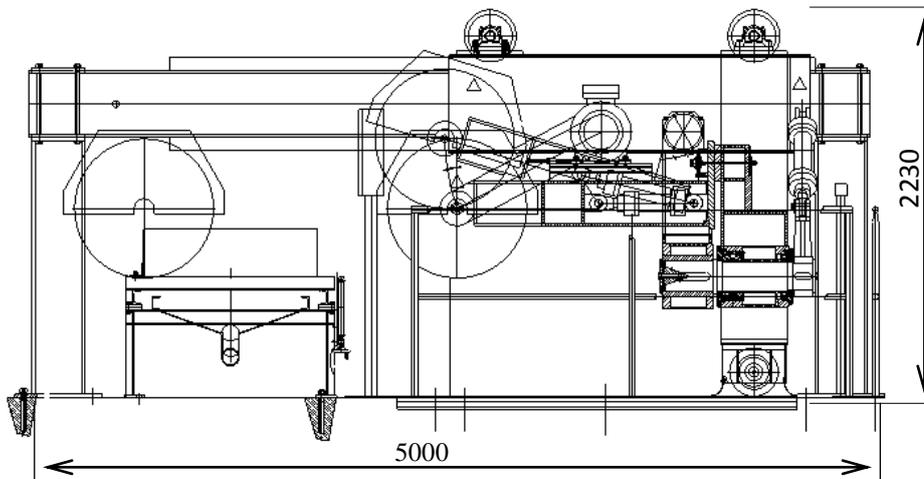
The Circular Saw is used for cutting of refractory materials and enables to reach up 250 mm of max cutting depth and 0 - 45 degree of max diamond circular saw tilting. This device is completed with own table with a positive stop and electromagnetic holding device for better and quicker fixing of refractory bricks depending on customer wishes. This Circular Saw is not equipped with electromagnetic holding device and special fixture in basic outfit. This device is controlled by pushbutton control with control system Siemens S7. Circular saw works with electric drive with wide adjustability of electromotor speed control.

All saw motions are designed by electrohydraulic control. This Circular Saw M 800 is equipped with **powerful exhaust plant**, which helps to overcome dustiness caused during cutting.

Technical parameters are open for modify depending on wishes of customers.



CIRCULAR SAW M 800 – CUTTING OF REFRACTORY MATERIALS



Reference: ZM Ropczyce S.A., Poland

Technical data

Total weight	6000 kg
Dimension	5000 x 2770 x 2230 mm
Dimension of incised refractory bricks	250 x 1000 x 1000 mm
Cutting accuracy	0,8 mm/ 1000 mm
Diameter of diamid circular saw	800 mm
Diamond circular saw speed (frequency converter)	850 ÷ 1550 min ⁻¹
Diamond circular saw peripheral velocity	35 ÷ 65 m.s ⁻¹



Electric drive	
Electromotor	F 180L 04,
	22 kW
	380 V
Electromotor speed	1460 min ⁻¹
Travel	
Max. hydraulic piston travel	1800 mm
Lifting	
Max. diamond saw stroke	400 mm

Tilting	
Max. diamond circular saw tilting	0° ÷ 45°
Hydraulic Control - REXROTH	
Electromotor	7AA112M 04
Power input	4 kW
Capacity of pump	36 dm ³ .min ⁻¹
Exhaust plant	
Power input	3 kW
Pressure filter.	

Strojírny a stavby Třinec, a.s.
 Průmyslová 1038, Staré Město,
 739 61 Třinec
 Czech Republic

Business Department
 Tel.: +420 558 532 316
 Tel.: +420 558 535 640
 Fax: +420 558 321 328
Marketing
 Tel.: +420 558 535 680
 marketing.sas@trz.cz

www.sas-trinec.cz