



TOPTECH[®]
www.toptechmachine.cn

OPTIMUM[®]

www.toptechmachine.cn
www.toptechmachine.net

Bench Grinder

砂带砂轮机



2018 Version 1.0

扬州欧普兄弟机械工具有限公司
Yangzhou Euro Brother Machine & Tools Co., Ltd.

BENCH GRINDER



PSM 200/250/350.....F2



SM175/200/250/300F3



DS250/QSM175E/SM250E.....F4



IBG150/175/200/250.....F5



SM200-SL1/SM250-SL2F6



MD150-B686/MM1130F7



MM2315/MM4115F8



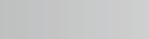
DBS75F9



BSM75/150/75L/150L F10



BSM100x1000/120x1500 F12



TGM-3..... F13

GH10T/15T/20T..... F14

GU 1/GU 2 F16

GU 15/18/20/25 F17

NTS 251 F18

GQ-D13/DG20.....F20

PSM POLISHER

布轮抛光机 PSM 200/250/350



机床技术参数 /Specification

型号	Model	PSM200	PSM250	PSM350
货号	Code No.	6820002	6825005	6835003
布轮尺寸	Dimension of polishing wheel	ø200x20,ø16 mm	ø250x25,ø20 mm	ø350x40,ø16 mm
额定功率	Rated power	600 W	1.5 KW	2.2 KW
额定电压	Rated voltage	230 V	380 V	400 V
转速	Speed	2950 rpm	2950 rpm	1450 rpm
包装尺寸	Packing size	540x202x252 mm	630x250x315 mm	1060x330x530 mm
净重 / 毛重	NW/GW	9/11 kg	22/25 kg	54/66 kg

GRINDER

砂 轮 机 SM 175/200/250/300

- 重型工业砂轮机，使用寿命长，电机免维护
- 压铸铝罩壳
- 转子做过动平衡，配上高品质滚珠轴承，保证更长使用寿命，运转更顺畅
- 安全防护罩，防止火花溅出
- 刀架支撑坚固耐用，可调节角度

- 防护镜采用耐摔材料
 - 橡胶脚垫易吸收振动
 - 配两只通用的金刚砂轮片
- SM 175: Width 25 mm

SM 200: Width 30 mm
SM 250: Width 40 mm
SM 300: Width 50 mm

- Heavy long-life industrial type with maintenance-free motor for permanent use
- Housing made of aluminium die casting
- Balanced rotor with quality ball bearings ensures long service life and very smooth running
- Spark protection on each grinding wheel reduces flying sparks
- Solid, adjustable workpiece support

- support
 - Inspection glasses made of break-proof material
 - Vibration-absorbing rubber feet
 - Two universal corundum grinding wheels
- SM 175: Width 25 mm
SM 200: Width 30 mm
SM 250: Width 40 mm
SM 300: Width 50 mm



SM 300

SM 250

Grinding wheels Regular corundum rough K 36

Ø 175 x 25 Ø 32 mm	310 7180
Ø 200 x 30 Ø 32mm	310 7210
Ø 250 x 40 Ø 32mm	310 7250
Ø 300 x 50 Ø 75mm	310 7270

Grinding wheels Regular corundum fine K 80

Ø 175 x 25 Ø 32 mm	310 7185
Ø 200 x 30 Ø 32mm	310 7215
Ø 250 x 40 Ø 32mm	310 7255
Ø 300 x 50 Ø 75mm	310 7275



K 36



K 80

型号	Type	SM 175	SM 200	SM 250	SM 300
货号	Code No.	6131750	6132002/6132003	6132500	6133000
机器参数	Machine datas				
输入电压	Electrical connection	230 V / 1 Ph ~50 Hz	230 V/1 Ph or 400V/3Ph	400 V / 3 Ph ~50 Hz	400 V / 3 Ph ~50 Hz
电机功率	Motor power	450 W	600 W	1.5 kW	2.2 kW
砂轮	Grinding wheels				
砂轮尺寸	Dimensions	Ø 175 x 25 Ø32 mm	Ø 200 x 30 Ø32 mm	Ø 250 x 40 Ø32 mm	Ø 300 x 50 Ø75 mm
砂轮转速	Speeds	2'850 min ⁻¹	2'850 min ⁻¹	2'850 min ⁻¹	1'450 min ⁻¹
无级变速转速	Speeds Vario	-	800 - 2'850 min ⁻¹	800 - 2'850 min ⁻¹	-
尺寸	Dimensions				
长x宽x高	Length x width x height	456 x 220 x 291 mm	461 x 246 x 310 mm	542 x 304 x 365 mm	736 x 365 x 407 mm
净重	Net weight	14 kg	16 kg	37 kg	84 kg
无级变速净重	Net weight Vario	-	21 kg	45 kg	-

GRINDER

砂轮机 DS 250/QSM 175E/SM 250E



DS 250

机床技术参数 /Specification

型号	Model	DS 250
货号	Code No.	6152510
砂轮机规格	Size of grinding wheel	250x32x32 mm
额定输入功率	Rated input power	900 W
额定电压	Rated voltage	400 V/3 PH
额定频率	Rated frequency	50 HZ
空载转速	No load speed	2950 r/min
净重 / 毛重	N.W/G.W	36/37.5 kg
包装尺寸	Packing size	600x600x400 mm



QSM 175E



SM 250E

机床技术参数 /Specification

型号	Model	QSM 175E	SM 250E
货号	Code No.	6121750	6132510
砂轮机规格	Size of grinding wheel	175x20x32 mm	250x25x20 mm
额定输入功率	Rated input power	450 W	1.5 KW
额定电压	Rated voltage	115 V/1 PH	230 V/3 PH
额定频率	Rated frequency	60 HZ	60 HZ
空载转速	No load speed	3450 r/min	3450 r/min
净重 / 毛重	N.W/G.W	13/14.5 kg	35/37 kg
包装尺寸	Packing size	445x295x250 mm	630x250x315 mm

INDUSTRIAL GRINDER

工业砂轮机 IBG 150/175/200/250



IBG 150



IBG 175



IBG 200



IBG 250

机床技术参数 /Specification

型号	Model	IBG150	IBG175	IBG200	IBG250
货号	Code No.	6141500	6141700	6142000	6142500
电压	Voltage	230 V~50 Hz 1~	230 V~50 Hz 1~	380 V~50 Hz 3~	380 V~50 Hz 3~
电机	Motor	500 W	600 W	900 W	900 W
		S2=30min;2850 rpm	S2=30min;2850 rpm	S2=30min;2850 rpm	S2=30min;2850 rpm
砂轮尺寸	Wheel size	Ø150x25xØ32 mm	Ø175x25xØ32 mm	Ø200x32xØ32 mm	Ø250x32xØ32 mm
防护等级	Protection grade	IP20	IP20	IP20	IP20
包装尺寸	Packing size	485x258x220 mm	485x275x247 mm	540x300x275 mm	580x365x290 mm
净 / 毛重	NW/GW	16.5/19 kg	17.5/19 kg	26.5/28 kg	33/35 kg

BELT & WHEEL SANDER

砂轮砂带机 SM 200-SL 1

机床技术参数 /Specification

型号	Model	SM200-SL1
货号	Code No.	6320000
功率	Power	600 W
电压	Voltage	230/380 V 50 Hz
砂带线速度	Belt speed	16 m/s
砂带尺寸	Belt size	762x75 mm
砂带角度调整范围	Belt angle adjusting range	0-90°
砂轮转速	Wheel speed	2850 rpm
砂轮规格	Wheel size	200x30x32 mm
净重 / 毛重	NW./GW.	18.5/20 kg
包装尺寸	Packing size	540x480x490 mm



SM200-SL1

BELT & WHEEL SANDER

砂轮砂带机 SM 250-SL 2

机床技术参数 /Specification

型号	Model	SM250-SL2
货号	Code No.	6325000
功率	Power	1.5 KW
电压	Voltage	230/380 V
砂带线速度	Belt speed	16 m/s
砂带尺寸	Belt size	1016x75 mm
砂带角度调整范围	Belt angle adjusting range	0-90°
砂轮转速	Wheel speed	2850 rpm
砂轮规格	Wheel size	250x40x32 mm
净重 / 毛重	NW./GW.	37/40 kg
包装尺寸	Packing size	620x580x555 mm



SM250-SL2

BELT & WHEEL SANDER

砂轮砂带机 MD150-B686

机床技术参数 /Specification

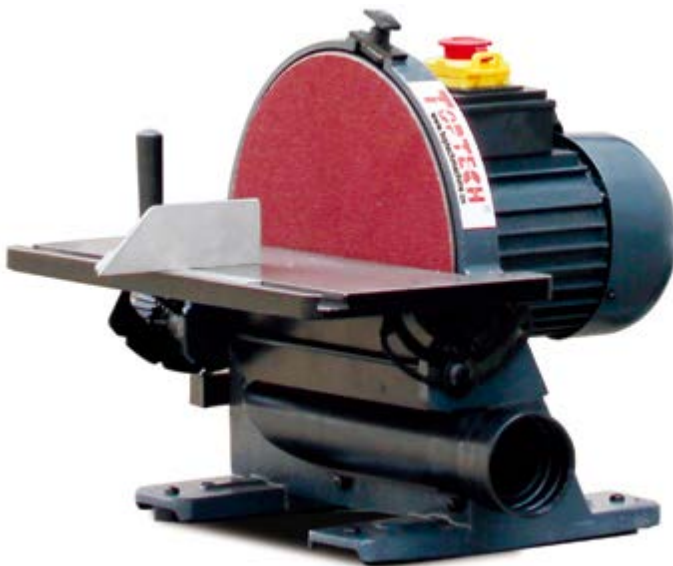
型号	Model	MD150-B686
货号	Code No.	6315000
电机	Motor	230 V 50 Hz 250 W
砂轮尺寸	Wheel size	Ø150X20XØ12.7 mm
转速	Speed	2950 rpm
砂带尺寸	Belt size	50x686 mm
净重 / 毛重	NW/GW	10/11 kg
包装尺寸	Packing size	400X340X220 mm



MD150-B686

DISC SANDER

砂盘机 MM 1130



MM 1130

机床技术参数 /Specification

型号	Model	MM1130
货号	Code No.	6433000
电机	Motor	900 W
砂盘直径	Sand disc diameter	Ø305 mm
工作台尺寸	Table size	440x156 mm
工作台倾斜范围	Table tilting range	0-45°
砂盘速度	Disc speed	1420 rpm
净重 / 毛重	NW/GW	28.5/30.5 kg
外形尺寸	Dimension	485x438x362 mm
包装尺寸	Packing size	440x445x365 mm

BELT DISC GRINDING MACHINE

砂盘砂带机 MM 2315/MM4115



MM 2315



MM 4115

机床技术参数 /Specification

型号	Model	MM2315	MM4115
货号	Code No.	6412300	6414100
电机	Motor	750 W	500 W
砂盘直径	Sand disc diameter	Ø230 mm	Ø152 mm
砂带尺寸	Belt size	150x1220 mm	100x914 mm
工作台尺寸	Table size	314x157 mm	158x225 mm
工作台倾斜范围	Table tilting range	0-45°	0-45°
砂盘速度	Disc speed	1400 rpm	2400 rpm
砂带速度	Belt speed	5.3 m/s	7.6 m/s
净重 / 毛重	NW/GW	49.5/52 kg	22/24 kg
外形尺寸	Dimension	728x505x1006 mm	545x430x302 mm
包装尺寸	Packing size	705x385x445 mm	620x325x380 mm

BELT DISC GRINDING MACHINE

砂 盘 砂 带 机 DBS 75

优质、高效、高性价比

- 可转动磨削臂应用广泛
- 砂带张力可手工调整
- 很容易更换砂带
- 带有低压断路器和急停按钮的亲合性
- 安全开关 (IP 54)
- 标配排屑管口

Convincing arguments: quality, efficiency and price

- Universal applicable by rotatable grinding arm
- Sanding belt tension manually adjustable
- Sanding belt easily changeable
- User-friendly safety switch with low voltage circuit breaker and emergency stop switch
- Suction nozzle supplied as standard



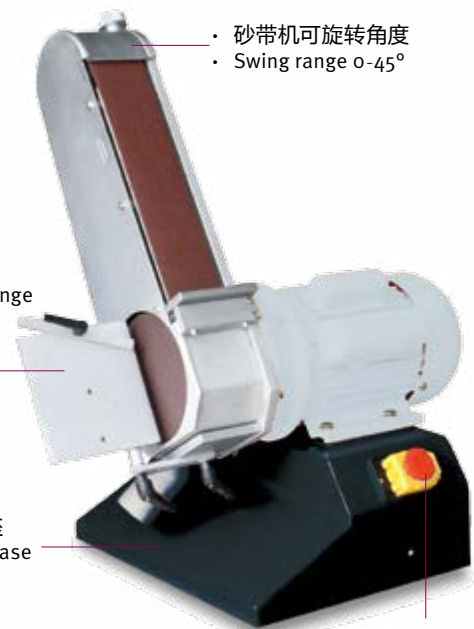
- 强力排屑管口
- Intensity suction

DBS 75

机床技术参数 /Specification

型号	DBS75
Model	
货号	6407500
Code No.	
砂盘尺寸	150 mm
Dimensions grinding disc	
砂盘速度	1410 rpm
Disc speed	
砂带尺寸	75x1180 mm
Dimension abrasive belt	
砂带速度	11 m/s
Belt speed	
工作台尺寸	85x215 mm
Table size	
电机功率	1.1K W 380 V or 220 V/50 Hz
Motor power	
排屑管内径	47 mm
Nominal width suction pipe ID	
排屑管外径	50 mm
Nominal width suction pipe OD	
重量	68/82 kg
Weight	
包装尺寸	745x520x555 mm
Packing size	

- 工作台可旋转
- Table swing range



- 砂带机可旋转角度
- Swing range 0-45°

- 重型铸件底座
- Iron casting base

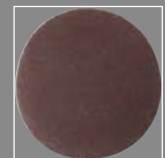
- 磁性开关
- Magnetic switch

可选附件 OPTIONAL EQUIPMENT

1. 可选砂带 Accessories Sanding belt
 - 砂带尺寸 Sanding belt 75-1180; Grain 40
 - 砂带尺寸 Sanding belt 75-1180; Grain 60
 - 砂带尺寸 Sanding belt 75-1180; Grain 80
 - 砂带尺寸 Sanding belt 75-1180; Grain 120



2. 可选研磨盘 Accessories Abrasive disc
 - 研磨盘尺寸 Abrasive disc 150; Grain 40
 - 研磨盘尺寸 Abrasive disc 150; Grain 60
 - 研磨盘尺寸 Abrasive disc 150; Grain 80
 - 研磨盘尺寸 Abrasive disc 150; Grain 120



BELT SANDER

轻/重型工业砂带机 BSM75/I50 BSM75L/I50L

优质、高效、高性价比

- 省时，去毛刺，清洁焊缝
- 强功率的电机
- 33m/s 的高转速砂带
- 单边的轴承安装，可快速简易更换砂带
- 安全防护罩，防止火花溅出
- 带有低压释放器和急停按钮的安全开关（符合 IP 54 标准）
- 通过滚花螺母非常简单调节砂带的松紧

Convincing arguments: quality, efficiency and price

- Time-saving deburring of edges cleaning of welding seams
- Powerful moto
- High belt rotation speed of 33 m/s
- One-sided bearing mounting facilitates the belt replacement
- Safety guard reduces the flying of spark
- User-friendly safety switch (IP 54 compliant) with low voltage release and Emergency-Stop switch
- Adjustment of belt running without tools-adjustable only via knurled nut



BSM75/I50



- 安全防护罩，防止火花溅出
- 单边轴承易换砂带

· Safety guards reduce the flying of sparks

· One-sided bearing mounting facilitates the belt replacement



- 单只扳手完成所有安装
- 简单调整支撑杆的角度即可调整加工面
- 带有低压释放器和急停按钮的安全开关（符合 IP 54 标准）
- 通过滚花螺母来调整砂带松紧

· Operating tool in a handy fastener

· Simple adjustment of the angle of the workpiece support surface via clamping lever

· User-friendly safety switch according to IP 54 with low voltage release and Emergency-Stop button

· Adjustment of belt running without tools adjustable only via knurled nut

机床技术参数 /Specification

型号	BSM75	BSM150	BSM75L	BSM150L
Model				
货号	6207500	6215000	6207600	6215100
Code No.				
砂带尺寸	75x2000 mm	150x2000 mm	75x2000 mm	150x2000 mm
Dimension abrasive belt				
磨削刀架尺寸	75x575 mm	150x575 mm	75x575 mm	150x575 mm
Grinding support size				
砂带速度	33 m/s	33 m/s	33 m/s	33 m/s
Belt speed				
排屑管内径	ø57 mm	ø57 mm	ø57 mm	ø57 mm
Nominal width suction pipe ID				
排屑管外径	ø60 mm	ø60 mm	ø60 mm	ø60 mm
Nominal width suction pipe OD				
电机功率	3 KW 380 V/50 Hz	4 KW 380 V/50 Hz	3 KW 380 V/50 Hz	4 KW 380 V/51 Hz
Motor power				
净重	98 kg	125 kg	73 kg	90 kg
Net weight				
包装尺寸	1017x560x775 mm	1017x635x775 mm	1020x565x790 mm	1020x640x785 mm
Packing size				



BSM 150L



- 从砂带机背部打开磨削面板可以砂磨长形工件
- The end-to-end face grinding surface which is open at the back is also best appropriate to work long workpieces



- 33 米 / 秒高速砂带可快速移动工件
- 倾斜的工件支撑板可以让您在更加合适的角度磨削
- Rapid material removal due to high band speed of 33m/sec
- Inclinal workpiece support allows grinding at an adequate angle



- 胶带轮运转噪声低，并可消除砂带的打滑
- Gummed rolls which allow in quiet running and eliminate the slipping-through of the band



- 磨砂长形工件时，可是当打开砂带机背部的罩盖用以加工
- The end-to-end face grinding surface which is open at the back is also best appropriate to work long workpieces



吸尘器 (可选)
Dust
collectors(Optional)



急停开关 (可选)
Emergency
switch(Optional)

可选床脚 OPTIONAL EQUIPMENT



BSM-75A



BSM-75B



BSM-75G



BSM-150A



BSM-150B



BSM-150G



BSM100x1220
BSM100x1524



BSM100x915
BSM100x1524



BSM100x2000GK
BSM180x2000GK

BELT SANDER

砂带机 BSM 100x1000/120x1500



BSM 100x1000



BSM 120x1500

机床技术参数 /Specification

型号	Model	BSM 100x1000	BSM 120x1500
货号	Code No.	6210000	6212000
砂带工作台尺寸	Dimension abrasive belt table	240x105 mm	480x125 mm
砂带尺寸	Dimension abrasive belt	100x1000 mm	120x1500 mm
机头倾斜角度	Tilt angle of head	90°	90°
支架高度	Stand height	750 mm	750 mm
机器重量	Weight of machine	49 kg	57 kg
底座尺寸	Dimension stand	800x500 mm	800x500 mm
底座工作台尺寸	Dimension stand table	300x400 mm	300x400 mm
双速电机	Dual-speed motor	400 V/50 HZ/3 PH, 1.1/1.5 KW	

TUBE GRINDING MACHINE

磨管器 TGM-3

优质、高效、高性价比

- 高转速皮带
- 有一个排尘口
- 强功率电机

Convincing arguments: quality, efficiency and price

- High belt speed
- There is an outlet for exhausion
- Powerful motor



- 砂带操作装置
- Sanding belt operating device



- 随机安装 $\Phi 26\text{mm}$ 的滚轴
- Grinding roller $\Phi 26\text{mm}$ with machine



- 滚轴尺寸 $\Phi 20$ 、26、32、42、48、60、76mm
- Grinding roller size $\Phi 20$ 、26、32、42、48、60、76mm

机床技术参数 / Specification

型号	Model	TGM-3
货号	Code No.	6703000
皮带尺寸	Belt dimension	100x2000 mm
电机功率	Motor rating	3 KW
转速	Speed	2905 rpm
皮带转速	Belt speed	30 m/s
磨管范围	Grinding area	$\Phi 20$ -76 mm
可调角度	Adjustable slide	30°-90°
外形尺寸	Dimension	1200x600x1000 mm
包装尺寸	Paking size	1230x760x650 mm
净/毛重	NW/GW	145/177 kg

TGM-3

GRINDER

细节展示 Details



- 斜口向上能够快速更换滚轴
- Bevel up to quickly replace the grinding roller



- 独特的床身设计
- Original design of machine body



- 可旋转的快速夹紧装置
- Rotating clamping device



- 操作手柄, 可快速移动工件
- Operating handle, can move workpiece quickly

DRILL GRINDING MACHINE

磨 刀 机 GH 10T/GH 15T

优质、高效、高性价比

- 此款磨刀机 - 是研磨高速钢或碳合金材质麻花钻的理想工具
- 优质、高效与性价比：
- 易操作，可用于高精度低成本研磨双刃麻花钻 Φ 2-mm-13mm (GH10T) 和 Φ 2-mm-13mm (GH15T)
- 全新钻头 - 清洁，快速，好用
- 移动方便
- 金刚石砂轮，更加耐用，完美表现
- 床身装配 ER 弹簧夹头
- 通过移动弹簧夹头座就可磨削钻头

Convincing arguments: quality, efficiency and price

- Easy to use for precise and cost-effective grinding of double-edged twist drill $\varnothing$ 2 mm - 13 mm (GH10T) and $\varnothing$ 2 mm - 13 mm (GH15T)
- Drill bits with no previous experience - clean, fast and well
- Easy to transport.
- Diamond grinding stone with a long life for a perfect finish.
- Fully equipped with ER collets inside the machine
- The cutting edges of the drill can be fixed in a collet holder by means of the adjustment tool in a defined position and inserted in a predetermined order into the grinding openings to grind the cutting edges with a short rotational movement of the collet holder.



机床技术参数 /Specification

型号	Model	GH 10T	GH 15T
货号	Item No	6601080	6601580
电器容量	Electrical connection		
电压	Motor	180 W 230 V 1 Ph ~50 Hz	450 W 230 V 1 Ph ~50 Hz
参数	Technical data		
转速	Speed infinitely variable	5300 rpm	3000 rpm
刀头转动角度	Angle of the head sharpening	90° - 135°	90° - 145°
研磨能力	Grinding capacity drill	$\varnothing$ 3 mm - $\varnothing$ 13 mm	$\varnothing$ 3 mm - $\varnothing$ 30 mm
尺寸	Dimensions		
长	Length	330 mm	490 mm
宽	Width	190 mm	280 mm
高	Height	200 mm	310 mm
净重	Net weight	9 kg	33 kg

DRILL GRINDING MACHINE

磨 刀 机 GH 20T

优质、高效、高性价比

- 通过各种旋转和设置带来多功能用途
- 可磨削冲头，麻花钻，电极棒，车刀，车床顶尖，等等
- 结实的床身和震动驱动的精密磨销主轴带来的高精度
- 易处理，易操作
- 分度头带 24 锁紧位置和 5C 弹簧夹头
- 可调装置
- 通过回转和设置进行雕刻功能（圆柱形，同心，锥形的）
- 带卤素灯（仅限于单相）

Convincing arguments: quality, efficiency and price

- Universal use through versatile swivel and setting
- For grinding of punch, twist drill, electrodes, lathe tools, lathe centers, etc.
- High precision due to the robust body and machine vibration driven precision grinding spindle
- Easy handling and operation
- Index head with 24 locking positions and 5C collet
- adjustable stripping device
- Many slewing and settings for making engraving (cylindrical, concentric, tapered)
- Includes halogen light(only 1ph)



GH 20T

机床技术参数 /Specification

型号	Model	GH 20T
货号		6602180
速度	Speed	
砂轮转速	Speed of grinding wheel, diamond	5000 rpm
研磨转速	Grinding speed	max. 35 m/s
电机转速	Speed Motor	2800 rpm
行程	Travels	
刀架行程	Tavel tool holder	140 mm
刀架微调	Fine-tuning tool holder	18 mm
纵轴微调	Fine-tuning longitudinal axis	6 mm
可调角度	Adjustable angle	
垂直/向后	Vertical / back	0° - 40°
水平/研磨锥度	horizontal / taper grinding	0° - 180°
负角	negative angle	0° - 52°
可调角度	Angle adjustment	15° 180°
研磨设备	Grinding apparatus	
铣刀	Cutting mill	bis Ø 12 mm (delivery)
微调工具	Turning Tool	bis 21 x 21 mm
钻头	Drill	bis Ø 12 mm
立铣	End mill	bis Ø 12 mm (delivery)
筒架	Collet holder	
Typ5C	Typ 5C	Ø 1 mm - 16 mm
尺寸	Dimensions	
长x宽x高	Length x Width x Height	550x450x470 mm
净重	Net weight	46 kg



Spare wheel

corundum	310 0128
Diamond	310 0129

Standard accessories:

- 5 pcs collet chuck (4, 6, 8, 10, 12 mm)
- Corundum grinding wheel Ø 100 x 50 x Ø 20 mm
- Diamond grinding wheel Ø 100 x 50 x Ø 20 mm
- Belts
- Operating tool

DUST COLLECTION

砂轮机吸尘器 GU 1/GU 2

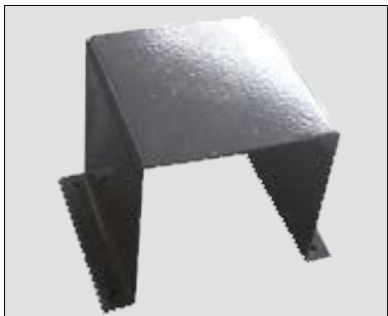


优质、高效、高性价比

- 底盘坚固
- 床脚内置排风管，占据空间小
- 用于 GU、GU-S 等机器
- 静音效果好
- 带自动开关
- 带工作灯支架

Facts that impress in terms of quality, performance and price

- Sturdy chassis
- Cyclone suction integrated in the substructure,characterized small footprint
- For the equipment and GU GU-S
- silenced
- automatic switch
- lamp holder



工作灯支架 /lamp holder



金属抽屉 /swarf drawer



型号 Model	GU 1	GU 2
货号 Item No	61601000	6160200
电压 Electrical connection	230 V/1 Ph	400V/3Ph
电机功率 Motor power	1.3 kW	1.3KW x 2(two motor)
转速 Speeds	29000 rpm	29000 rpm
包装尺寸 Length x width x height	477x340x805 mm	525X440X815 mm
重量 Net weight	40 kg	60 kg

GRINDER

砂轮机 GU 15/18/20/25

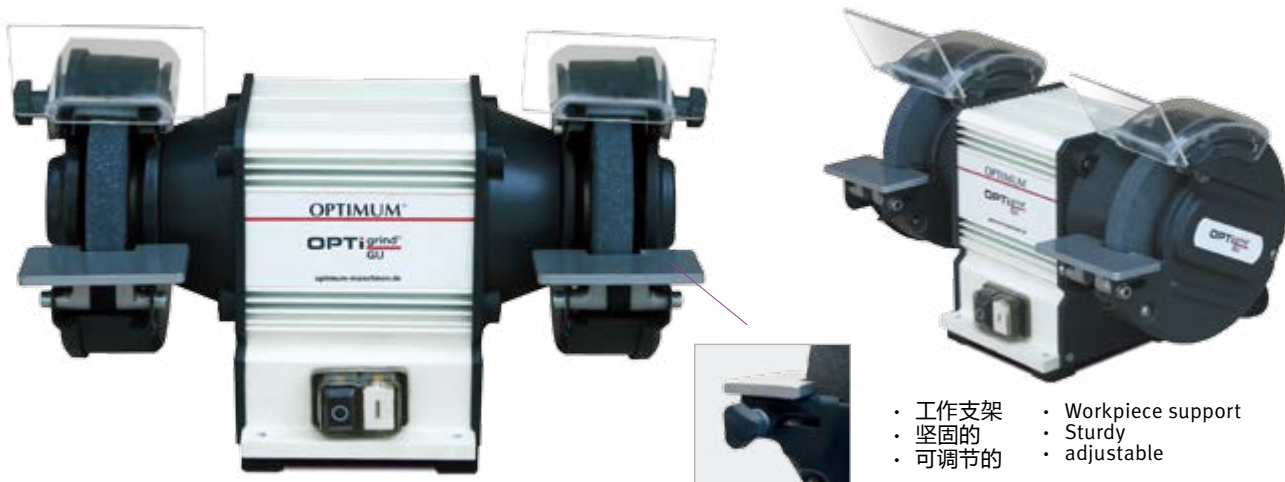


优质、高效、高性价比

- 厚重耐用工业设计的电机，免维护，可持续使用
- 罩壳材质采用链铸铝
- 做过动平衡的转子和高品质滚珠轴承带来更长使用寿命和静音效果
- 每边砂轮上的安全防护罩，防止火花溅出
- 可视护镜采用防碎材质，强度更高
- 采用减振橡胶垫
- 标配粗砂轮片和精砂轮片（K36/K60）

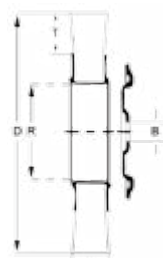
Facts that impress in terms of quality, performance and price

- Heavy, durable industrial design with maintenance-free motor for continuous use
- Housing made of strand cast aluminium
- Long service life and quiet action thanks to balanced rotor with quality ball bearings
- Spark guard on each grinding wheel reduces flying sparks
- Viewing glass made of break-proof material
- Vibration-damping rubber feet
- Coarse and fine grinding disc (K36/K60) included in standard scope of delivery



- 工作支架
- 坚固的
- 可调节的
- Workpiece support
- Sturdy
- adjustable

型号	Model	GU 15	GU 18	GU 20 / GU 20Vario	GU 25 / GU 25Vario
货号	Item No	6161500	6161800	6162000/6162100	6162500/6162600
电压	Electrical connection	230 V/1 Ph ~50 Hz	230 V/1 Ph ~50 Hz	230 V / 400 V	400 V/3 Ph ~50 Hz
电机功率	Motor power	450 W	450 W	600 W	1.5 kW
砂轮尺寸	Dimensions	Ø 150 x 20 mm Drill hole Ø 16 mm	Ø 175 x 25 mm Drill hole Ø 32 mm	Ø 200 x 30 mm Drill hole Ø 32 mm	Ø 250 x 40 mm Drill hole Ø 32 mm
砂轮最大转速	Speeds	2850 rpm	2850 rpm	2850 rpm	2850 rpm
砂轮转速	Speeds Vario	/	/	800 - 2850 rpm	800 - 2850 rpm
包装尺寸	Length x width x height	389 x 206 x 266 mm	389 x 233 x 279 mm	495 x 261 x 331 mm	471 x 319 x 365 mm
净重	Net weight	10.7 kg	12.3 kg	18.5 kg	32.5 kg



该磨床可以带钢刷子

This grinder can strip steel brush

Art no.	D	mm/inch	B	R	T	H	RPM max.	Qty	Meas
9231	150	6"	32mm with 1/2" 5/8" 3/4" 1" adaptors	30.2	30	20	6000	40	34X34X37
	175	7"	32mm with 1/2" 5/8" 3/4" 1" adaptors	30.2	30	20	6000	40	34X34X37
	200	8"	32mm with 1/2" 5/8" 3/4" 1" adaptors	30.2	48	25	4500	20	43X40X23
	250	10"	32mm with 1/2" 5/8" 3/4" 1" adaptors	30.2	50	30	4500	20	53X27X42

Universally deployable wet/dry grinding machine

万能可伸展式干湿两用磨刀机 NTS 251

NEW

优质、高效、高性价比

- 此款磨刀机是 DIY 爱好者和工艺专家的理想工具
- 可研磨、打磨，干湿两用
- 多种夹具可用于各种道具
- 采用第三方夹具，可进行高度调节夹持
- 特别开发的防水砂轮，更加耐用
- 加水使用时，仅 90rpm 低速运行，研磨时不会产生热，避免影响刀具硬度
- 锁定式启停开关，带急停开关
- 带皮革研磨盘、万能支架和角度设置表
- 移动方便

Convincing arguments: quality, efficiency and price

- Ideal for DIY enthusiast and crafts professionals
- For wet and dry sanding and grinding
- Many holding devices for various tools available
- Third-party holding devices can be used on the height-adjustable clamp
- Specially developed, water-resistant grinding disk with a long service life
- Due to the low speed of just 90 rpm in combination with water, no heat is generated during grinding; this avoids affecting the tool hardness
- Lockable on/off switch with emergency stop
- Incl. leather honing disk, universal holder, and angle setting gauge
- Easy to transport



型号	Model	NTS 251
货号	Item No	6652500
技术参数	Technical data	
砂轮参数	Grinding stone dimensions	Max. Ø 250 x 50 mm
皮革研磨盘参数	Honing disk dimensions	Max. Ø 220 x 30 mm
转速	Speed	90 rpm
电机功率	Motor output	200 W
电压	Electrical connection	230 V/50 Hz
重量	Weight	16 kg
外形尺寸	Dimensions (L x W x H)	340 x 280 x 460 mm



角度设置表
Angle setting gauge

附件	Accessories
砂轮	Grinding stone Ø 245 x 50 mm
皮革研磨盘	Leather honing disk Ø 220 x 30 mm



夹具导轨 Holding device slide rail



磨削刀具 Grinding cutting tools



研磨斧头 Grinding hatchets and axes



研磨圆凿 Grinding gouges



研磨刨刀 Grinding planer knives



研磨刀具装置 Grinding device for knives



修整砂轮 Dressing the grinding stone



(粗 / 细) 修整砂轮
(Rough/fine) dressing of the grinding stone



研磨圆刀片 Grinding round blades



0-30°角度的研磨
Grinding at angles between 0-30°

附件	Accessories
准备斧头/切削刀具等	Preparing axes/cutting tools, etc.
圆凿夹具	Jig set for gouges
机床刨刀夹具	Machine planer blade jig *
刀片夹具	Jig for blades *
圆刀片夹具	Jig for round blades
多功能研磨工具, 0-30°	Multi-purpose grinding device, 0-30° *
研磨工具导轨	Slide rail for grinding devices
修整金刚石及夹具	Dressing diamond with holding device *
(粗/细)修整砂轮	Dressing grindstone rough/fine

带 * 的配件只能与夹具导轨结合使用
* This accessory can only be used in combination with slide rail



三步到达完美角度设置 The 3 steps to achieving a perfect angle setting:



1. 检查并判定裁切角
Step 1: Check and determine the cutting angle.



2. 设置裁切实际角度
Step 2: Setting the measured angle of cut.



3. 设置裁切角度的匹配高度
Step 3: Set the matching height for the cutting angle.

DRILL BIT MACHINE

磨 刀 机 GQ-D 13

- 优质、高效、高性价比
- 经济、方便地磨双刃麻花钻
 - 简单操作无需磨钻头经验，干净、快捷且精度好
 - 运输便捷
 - 砂盘更换便捷
 - 顺向磨削，方便操作
 - 通过凸轮自动磨削尖端形状
 - 坚固的塑料罩壳及防滑底座
 - 金刚石研磨使用寿命长且表现优异

- Convincing arguments: quality, efficiency and price**
- Easy to operate for inexpensive grinding of twist drill bits with two cutting edges
 - Drill bit grinding without prior experience - clean, fast and precise
 - Easy to transport
 - Easy replacement of the grinding disc
 - Positively-driven sharpening action, thus easy to operate
 - Automatic grinding of the tip geometry thanks to cam
 - Robust plastic housing with anti-slip base
 - Diamond grinding stone with long service life for the perfect grind



GQ-D 13



- 麻花钻调节
- 将麻花钻校准到合适角度
- Adjustment of twist drill**
- Twist drill is aligned in the overhang and in the appropriate angle



- 重磨麻花钻
- 通过一步一步轻微旋转
- Regrind twist drill**
- by slight rotation from stop to stop



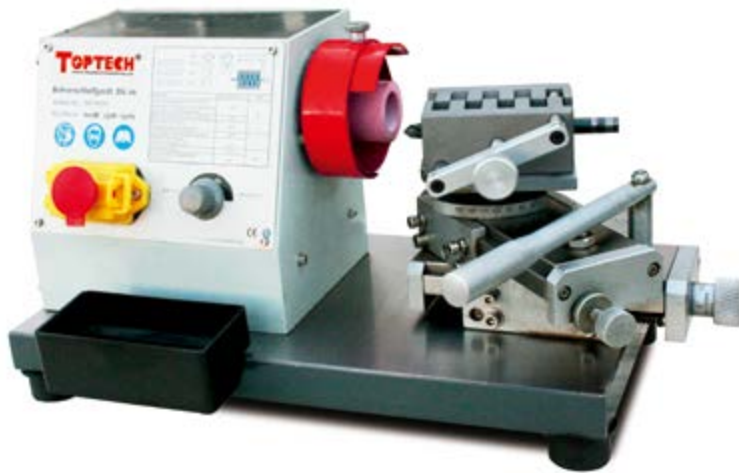
- 减少钻头的尖刃
- 也是通过一步一步轻微旋转
- Reducing the chisel edge**
- also by slight rotation from stop to stop

机床技术参数 /Specification

型号	Model	GQ-D 13
货号	Item No	6601300
电器容量	Electrical connection	
电压	Motor	80 W 230 V 1 Ph ~50 Hz
参数	Technical data	
转速	Speed infinitely variable	4200 rpm
砂轮	Grinding wheel	Ø 78 mm
研磨能力	Grinding capacity drill	Ø 3 mm - Ø 13 mm
尺寸	Dimensions	
长 x 宽 x 高	Length x Width x Height	220 x 200 x 160 mm
净重	Net weight	2.5 kg

DRILL BIT MACHINE

磨 刀 机 DG 20



DG 20

机床技术参数 /Specification

型号	DG20
Model	
货号	6602000
Code No.	
转速	1400-7600 rpm
Continuous speed	
磨削速度	16 m/s
Grinding speed	
磨削直径能力	3-20 mm
Grinding diameter capacity	
磨削角度	90°-150°
Bit grinding angle	
砂轮外径	Ø40 mm
Cup wheel outside-Ø	
砂轮内径	Ø26 mm
Cup wheel inside-Ø	
砂轮螺孔	M10
Cup wheel thread-Ø	
砂轮内腔深度	22 mm
Cup wheel embedding	
尺寸	225X490X240 mm
Dimension (L x W x H)	
净重	23 kg
Net weight	
电机功率	600 W 230 V / 50 Hz
Motor power	
包装尺寸	510 x 280 x 270 mm
Packing size	

CHAMFER MACHINE

倒 角 机 MR-R300



R300 型 : 15° ~ 45° 直角倒角
Chamfer straight lin 15° ~ 45°



R 角倒角
Chamfer R angle

机床技术参数 /Specification

型号	Model	MR-R300
货号	Item No	6230000
倒角范围	Chamfering range	0-9 mm
倒角角度	Chamfering angle	15° ~ 45°
电源	Power	380 V 250 W
回转速	Speed	2800 rpm
包装尺寸	Dimension	380 x 240 x 245 mm
重量	Weight	12 kg

Velcro support



Pack of 5 pcs

Accessories	Item No
Velcro support	335 7801

Grinding disks - Velcro fastener*

Grain 40	335 7854
Grain 60	335 7856
Grain 80	335 7858
Grain 100	335 7860
Grain 120	335 7862
Grain 150	335 7865

*Packing and price unit 5 pcs.

Grinding belts

Size: 75 x 1'180 mm

Grain 40	335 7622
Grain 60	335 7624
Grain 80	335 7626
Grain 120	335 7628



Grinding disc

Ø 150 mm

Grain 40	335 7832
Grain 60	335 7834
Grain 80	335 7836
Grain 120	335 7838



Pack of 5 pcs
Grain 40 to grain 120

Velcro disk	335 7802
-------------	----------

for grinding disk

* Packing and price unit 5 pcs.

Grinding belts BSM 75	Item No
Grain 40	335 7642
Grain 60	335 7644
Grain 80	335 7646
Grain 120	335 7648

Grinding belts BSM 150

Grain 40	335 7672
Grain 60	335 7674
Grain 80	335 7676
Grain 120	335 7678



Wall bracket

310 7050

- Coolant tray
- Dimensions L x W x H: 332x300x230 mm



Machine substructure

310 7100

- Dimensions L x W x H: 320x270x820 mm



Machine substructure SSM

310 7101

- Shelf and coolant tray
- Dimensions L x W x H: 345x300x785 mm



Machine substructures for SM

SM

310 7100

- for SM 150 to SM 250
- L x W x H: 320 x 270 x 820 mm

SSM

310 7101

- for SM 150 to SM 250
- Shelf and coolant tray
- L x W x H: 345 x 300 x 785 mm

SM 300

310 7103

- for double grinder up to SM 300
- Shelf and coolant tray
- L x W x H: 505 x 600 x 790 mm



Fig.: SM



Fig.: SSM



Fig.: SM 300

quantum®

Long-Run®
Machine & Tools

销往国家:

sold to the countries:



英文



中文

Europe Partner:

OPTIMUM Maschinen Germany GmbH

Dr.-Robert-Pfleger-Str.-26

D-96103 Hallstadt/Bamberg

fax: +49/ (0) 9 51 - 96 555 - 888

email: info@optimum-maschinen.de

www.toptechmachine.cn
www.optimum-maschinen.de

Your specialized dealer will give you more detailed information about our products.

扬州欧普兄弟机械工具有限公司
扬州拓展进出口有限公司

地址: 扬州市开发西路99号 邮编: 225009

电话: 86-514-82085021

传真: 86-514-85860395

网址: www.toptechmachine.cn

网址: www.toptechmachine.net

邮箱: jc@toptechmachine.cn

Yangzhou Euro Brother Machine & Tools Co., Ltd.
Yangzhou Developping Imp. & Exp. Co., Ltd.

Add: 99# West Kaifa Road, Yangzhou, China post code: 225009

Tel: 86-514-82085021

Fax: 86-514-85860395

<http://www.toptechmachine.cn>

<http://www.toptechmachine.net>

E-mail: jc@toptechmachine.cn

*本公司产品参数如有变更, 恕不另行通知。
*Reserve the right to change the parameters without prior notice.