



切割机

QCUT 250 M

Qcut 250 M是一款界面极其友好的手动湿式砂轮切割机。打开机器将前窗推入机器内部，整个切割室更容易接近。圆弧形视窗扩大了切割过程中的视场。

切割轮冷却直接集成在切割片防护罩中。大尺寸不锈钢工作台配有可更换的耐磨台面。 横向凹槽有利于调整夹具至最佳位置（如夹具80）。

优点

- | 手动纵向移动
- | 宽敞的切割空间
- | 仪器两侧的开口可以切割较长的样品
- | 大尺寸台面配有可更换的耐磨板
- | 与机器同宽同高的透明机罩可获得最佳的操控性
- | 简单易用
- | 多种样品夹具和夹持系统可供选择
- | 符合最新安全标准的门互锁系统
- | 坚固的铝壳设计，表面为粉末涂层

性能指标

精细动态切割

Y 轴的手动切割运动通过操纵杆精确无误地执行，无抖动。操纵杆的长度和角度均可调节。此外，还可通过限位器轻松调整切割深度。

照明

通过圆形大窗，切割室一览无余。为了直接照明，Qcut 250 M 可以配备灵活的 LED 灯。

安全

集成的静止监控功能只允许在切割轮不旋转时打开切割室门。

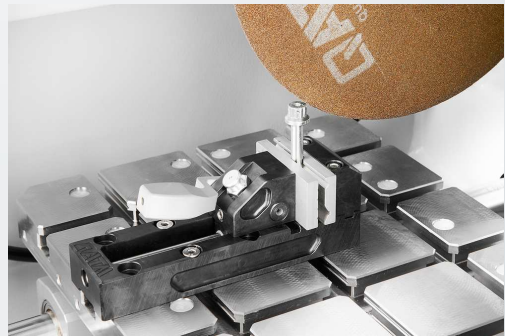
完美的切割 - 由QPREP耗材保证

当使用正确的元素: 知识、保养和正确选择耗材和切割机进行加工时, 切割更可靠、更安全、更高效。



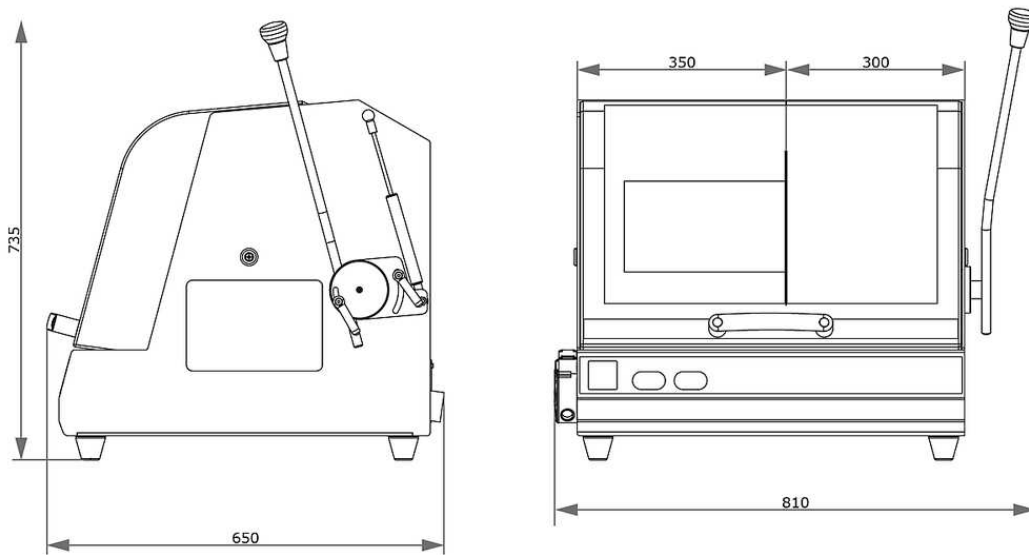
快速、强大、灵活-QTOOLS 夹具

我们创新的夹具用于安全、精确地夹紧工件, 以确保精确的切割和磨削过程。针对特定的应用和工件尺寸, 我们已经开发了各种不同的夹具。



切割机 QCUT 250 M

技术参数



切割轮	up to $\varnothing$ 250 mm/10"
最大切割能力	$\varnothing$ 55 mm / $\varnothing$ 90 mm 连续切割 (长度可达25mm)
切割轮法兰尺寸	$\varnothing$ 32 mm
Y轴 (垂直移动)	145 mm
载物台 宽x深	350 x 288 mm 不锈钢
T型槽	12 mm
连接电源	4.5 kVA
工作功率 (主载荷)	3 kW S6 40%
宽 x 高 x 深	810 x 735 x 650 mm
重量	~ 75 kg

www.qatm.cn/qcut-250-m

ORDER DATA

BASIC EQUIPMENT

MACHINE (ALL ITEMS REQUIRED)

M1880000  Qcut 250 M (Brillant 200) Base machine

POWER SUPPLY (1 ITEM REQUIRED)

A1880000 Qcut 250 M power supply 400V/50Hz (3Ph/N/PE)

A1880001 Qcut 250 M power supply 480V/60Hz (3/PE)

A1880002 Qcut 250 M power supply 220V/60Hz (3/PE)

RECIRCULATION SYSTEM (1 ITEM REQUIRED)

A5800484  Recirculation Cooling System 45L 400V/50Hz (3Ph/PE) mobile, with insertion mechanism

A5800485  Recirculation Cooling System 45L 480V/60Hz (3Ph/PE) mobile, with insertion mechanism

A5800486  Recirculation Cooling System 45L 220V/60Hz (3Ph/PE) mobile, with insertion mechanism

A5800487  Recirculation Cooling System 45L 400V/50Hz (3Ph/PE) mobile, without folding wheels

A5800488  Recirculation Cooling System 45L 480V/60Hz (3Ph/PE) mobile, without folding wheels

A5800489  Recirculation Cooling System 45L 220V/60Hz (3Ph/PE) mobile, without folding wheels

OPTIONS (TO BE ORDERED WITH MACHINE)

Z1820009  Centrifugal separator (machine mounted) 400V/50Hz/3 Ph

Z1820012  Centrifugal separator (machine mounted) 480V/60Hz/3 Ph

Z1820011



Centrifugal separator (machine mounted) 220V/60Hz/3 Ph

PRECISION CLAMPING DEVICES

Z1870035	Sample holder L standard Ø 40 mm open
Z1870037	Sample holder L standard Ø 40 mm closed
Z1870039	Sample holder L Flex Ø 40 mm
Z1870043	Sample holder L parallel clamping vice open
Z1870041	Sample holder L parallel clamping vice closed
Z1870045	Drop shape sample holder L Ø 40 mm
Z1870047	Universal clamping vice L
Z1870049	Matrix clamping vice L
Z1870054	Mini vice L
Z1870056	Double parallel vice L
Z1870058	Adaptor with ball joint L
Z1870063	Reduction ring Ø 30 mm
Z1870071	Reduction ring Ø 40 mm
Z1870067	Reduction ring 1"
Z1870066	Reduction ring 1 1/4"
Z1870065	Reduction ring 1 1/2"
Z1870069	Manual chuck Ø 44 mm
Z1870070	Manual chuck Ø 56 mm

VACUUM CLAMPING VICES

Z1870028	Vacuum sample holder
O1870288	Vacuum holder (sacrificial plate)
Z1304600	Vacuum pump 230V/50Hz for vacuum sample holder
Z1304634	Vacuum pump 110V/60Hz for vacuum sample holder

QTOOL 60

Z2235200	Qtool 60
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02235202	Clamping jaw 32 mm - for Qtool 60
Z2235201	Clamping jaws 60 mm - for Qtool 60
02235212	Clamping jaw 32 mm bevelled - for Qtool 60
02235213	Clamping jaw 32 mm cross prism - for Qtool 60
Z2235202	Clamping jaws 60 mm slotted - for Qtool 60
Z2235203	Clamping jaws 60 mm slotted prism - for Qtool 60

QTOOL 80	
Z2231203	Qtool 80 - 100mm
02231243	Clamping jaw 40 mm
Z2231215	Clamping jaws 70 mm
02231245	Clamping jaw 40 mm bevelled
02231246	Clamping jaw 40 mm cross prism
Z2231216	Clamping jaws 70 mm slotted
Z2231217	Clamping jaws 70 mm slotted prism

QTOOL 80 VARIO	
Z2231200	Qtool 80 Vario - 100 mm
Z2231210	Workpiece stop
02231200	Clamping jaw, 40 mm - for Qtool 80 Vario
Z2231211	Clamping jaws, 70 mm
02231213	Prism jaw, 40 mm
02231229	Bevelled jaw, 40 mm
02231230	Cross prism jaw, 40 mm
Z2231212	Round bar jaws, 70 mm slotted
Z2231213	Prism jaws, 70 mm slotted
Z2231214	Clamping jaws, 70 mm slotted

ACCESSORIES FOR EASY-CLAMPING PLATES

Z2236032	Easy adaption horizontal
Z2236033	Easy adaption vertical

Z2236034	Easy adaption Qtool 40 - 60
Z2236038	Multitower rotating plate
Z2236039	Multitower
Z2236040	Swivel unit Qtool 40 - 60
Z2236036	Easy-multifunctional plate

CLAMPING ACCESSORIES FOR ROTATING, SWIVELING AND SPECIAL APPLICATIONS

Z2236041	Swivel unit Qtool 60 - 80
Z1304643	Screw clamper with Easy-clamping plate M
Z1304636	Expansion clamping device
Z2236009	Vertical clamp single
Z2236010	Vertical clamp double
Z2234010	Clamping system X-Clamp 3858

CROSS VICES

Z1340010	 Cross vice 50 - 100
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UNIVERSAL VICES AND ACCESSORIES

01350022	Prism 120°
01350023	Prism slim
01350024	Prism 90°
01350025	Prism 90° high
Z1350008	 Universal vice Piccolo 54
Z1350010	 Suitcase set universal vice Piccolo 54
Z1350012	 Universal vice Piccolo 100

Z1350002		Universal vice Mono 61
Z1350004		Suitcase set universal vice Mono 61
Z1350011		Universal vice Mono 132
Z1350005		Universal vice Duo
Z1350006		Chain vice set
92005796		Longitudinal v-shoe
92005797		Traverse v-shoe
92005799		Longitudinal bridge
92005800		Traverse bridge
92005798		Standard clamping shoe
Z1350007		Height adapter 60mm Piccolo
Z1350003		Height adapter 74mm Mono
95003172		Clamping arm extension Piccolo 54 and Mono 61
Z1304591		Fixing screw M6 x 25
95003169		Fixing screw Piccolo M8 x 25
95003170		Fixing screw Piccolo M10 x 25
95003168		Fixing screw Mono M10 x 32
91001157		T-slot nut - stainless M6 x 8
91001161		T-slot nut - stainless M8 x 10
91001159		T-slot nut - stainless M8 x 12
91001158		T-slot nut - stainless M10 x 12