



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。

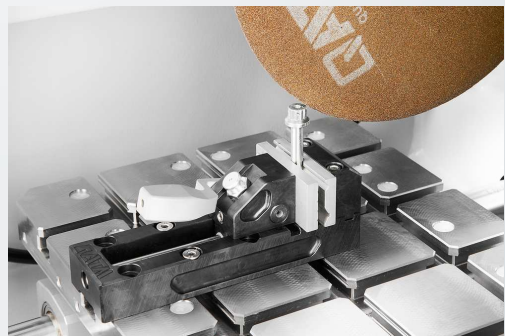
### 完美的切割 - 由QPREP耗材保证

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。



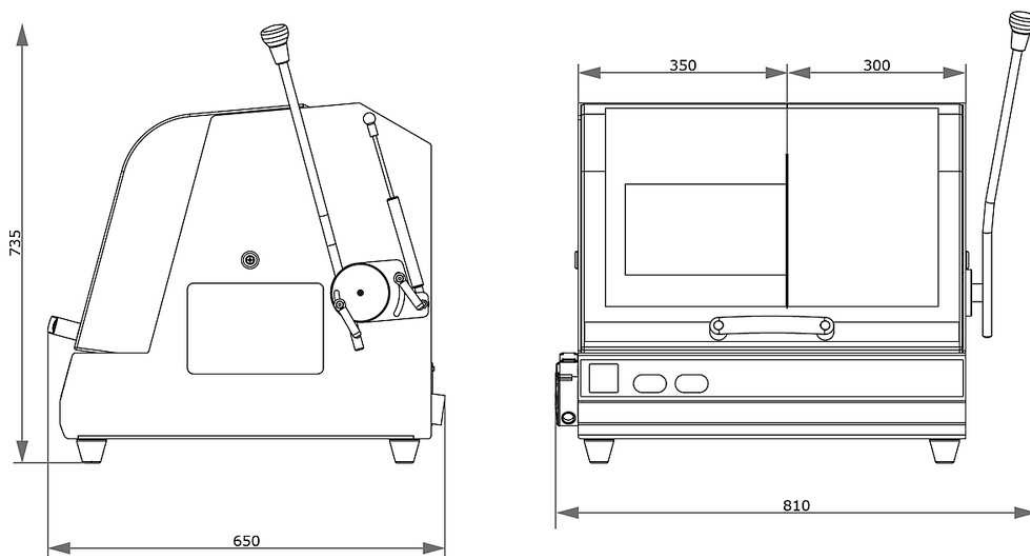
### 快速、强大、灵活-QTOOLS 夹具

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](http://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                           |
| 01870288 | 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 |
|----------|----------|

|          |                                                  |
|----------|--------------------------------------------------|
| 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 |
|----------|---------------------------------------------------------------------------------------------------------|

## 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               |