



CUT-OFF MACHINE

QCUT 250 M

The Qcut 250 M is an especially user-friendly wet abrasive cutting 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).

PRODUCT ADVANTAGES

- | Manual vertical movement
- | Large cutting chamber
- | Opening on left- and righthand side for continuous long parts
- | Large table with exchangeable wearing plates
- | Hood covering complete width for optimal accessibility
- | Easy operation
- | Large range of different clamping tools and systems available
- | Current safety standard with door interlocking system
- | Solid aluminium case construction, powder coated

FEATURES

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 Qcut 250 M can be equipped with a flexible LED light.

SAFETY

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

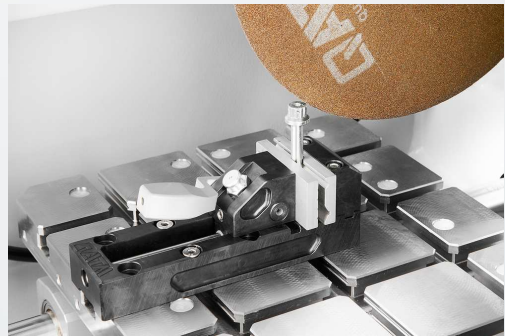
PERFECT CUTTING - CUT-OFF WHEELS FROM QATM

Cutting is more reliable, safe and efficient when processed with the right ingredients: knowledge, care and the right choice of consumables and instruments.



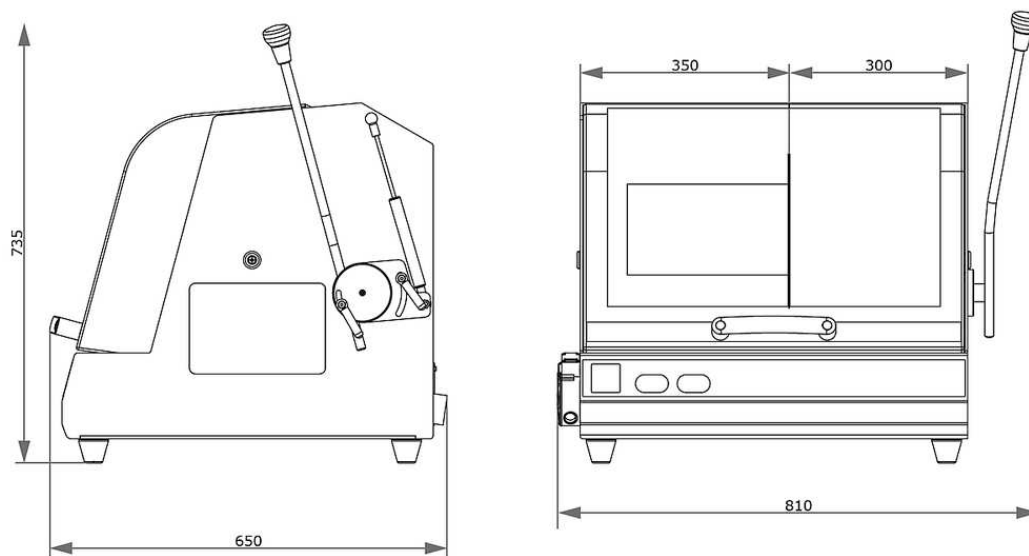
FAST, POWERFUL, FLEXIBLE - QTOOL CLAMPING DEVICES

Our innovative clamping devices are used to clamp workpieces securely and precisely to ensure exact cutting and grinding processes. There is a wide range of different clamping devices that have been developed for specific applications and workpiece sizes.



CUT-OFF MACHINE QCUT 250 M

TECHNICAL DATA



Cutting wheel

up to $\varnothing$ 250 mm/10"

Max. cutting capacity

$\varnothing$ 55 mm / $\varnothing$ 90 mm (up to 25 mm length)

Wheel flange size

$\varnothing$ 32 mm

Y-axis (vertical movement)

145 mm

Table WxD

350 x 288 mm stainless

T-slot

12 mm

Connection power

4.5 kVA

Drive power (main drive)

3 kW S6 40%

W x H x D

810 x 735 x 650 mm

Weight

~ 75 kg

www.qatm.com/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

SILICON CARBIDE PRECISION CUT-OFF WHEELS

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
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QUICK CLAMPING TOOLS

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
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EASY-CLAMPING PLATES

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 clamber 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