



ОТРЕЗНОЙ СТАНОК
QCUT 400 A

The compact large cut-off machine Qcut 400 A offers high cutting capacity in a minimal footprint. Its automatic travel and cross-cut functions ensure precise, low-contact cuts.

- | Compact design: Enables large and powerful cuts in a small space
- | Best price-performance ratio: Strong cutting performance at a fair price
- | Multi-Position Process (MPP): Simultaneous positioning and automatic cutting of different components on the machine table.



[Смотреть видео](#)

ОТРЕЗНОЙ СТАНОК QCUT 400 A
SUPERIORITY IN DETAIL

1. Ergonomic control panel

- | Large 10.1" industrial touchscreen with intuitive QATM software
- | Quick setup, control of all automatic axes with joystick

2. Robust machine body

- | Sturdy powder-coated aluminum construction
- | Integrable recirculating cooling unit
- | Automatic central lubrication of the axes

3. Compact machine table

- | Made of stainless steel with integrated longitudinal and cross T-slots
- | Secure clamping of complex workpiece shapes using the T-slot table or Easy

4. Large cutting chamber

- | Large sliding door provides easy access and visibility
- | Side swing door for convenient access to cutting chamber
- | Side opening on the right for long samples
- | Break-resistant LED interior lighting

5. Optimized swivel arm

- | Highly efficient cooling system
- | Increased cutting capacity thanks to parallel guided cut-off wheel guard
- | Laser alignment aid for easy workpiece positioning
- | Innovative quick-change system for easy maintenance and cut-off wheel replacement



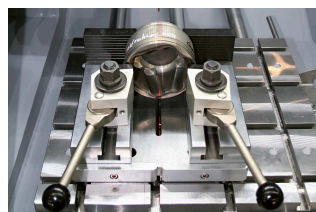
ОТРЕЗНОЙ СТАНОК QCUT 400 A

ОСОБЕННОСТИ



STAINLESS STEEL MACHINE TABLE

- | Spacious machine table enables precise work even under heavy loads.
- | Integrated T-slots for the Easy clamping system for quick mounting of clamping tools
- | Efficient and reliable fixation of complex geometries using clamping devices
- | Load capacity up to 120 kg (including clamping devices)



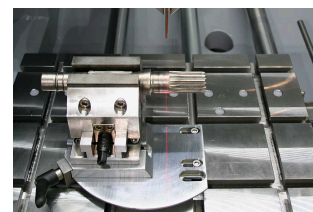
LASER ALIGNMENT

- | Optional laser alignment projects the cutting line directly onto the workpiece, enabling precise positioning and exact cut placement.
- | Easy positioning of workpieces
- | Precise clamping without much effort



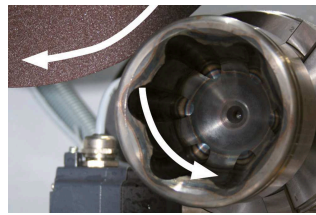
ROBUST MACHINE WITH LARGE CUTTING CHAMBER

- | Robust, powder-coated aluminum machine body features a large sliding door with scratch-resistant laminated safety glass and convenient side access door.
- | Machine body with integrable recirculating cooling unit and automatic central lubrication
- | Large cutting chamber access with safety interlock —



PRECISION CROSS FEED

- | The table-integrated Z-axis maintains consistent cutting height while the automatic cross feed with serial cutting function delivers precise parallel cuts.
- | Simple and intuitive serial cutting
- | The multi-position process (MPP) allows more complex serial cutting to be carried out



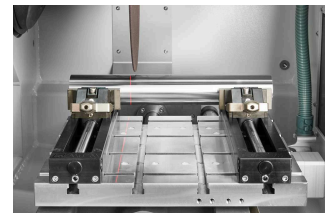
ROTATION TOOL

- | The optional rotation tool features a vertical rotary feed parallel to the wheel with software-controlled angle input.
- | More uniform cutting surfaces and cutting quality
- | Cutting time is halved for rotationally symmetrical parts
- | Protects against cut-off wheel run-out



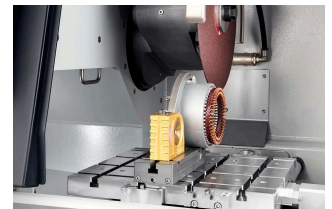
INTUITIVE AND EASY OPERATION

- | Large 10.1" industrial touchscreen with intuitive QATM user software and joystick.
- | Easily manage process parameters and create customer-specific maintenance tasks (200 user programs can be saved)
- | Parameters such as feed rate, travel distance, and cutting force can be changed during automatic operation



PULSED CUTTING

- | For thick and difficult-to-cut materials, the adjustable automatic pulsed cutting provides gentle sectioning with optimal cooling of the cut interface.
- | Enhanced cutting results for larger components
- | Superior cooling of contact surfaces



CUTTING FORCE DEPENDENT FEED CONTROL (X- AND Y-AXIS)

- | The feed rate automatically decreases when cutting force reaches a preset limit, protecting the machine, sample, and clamping tools from overloading

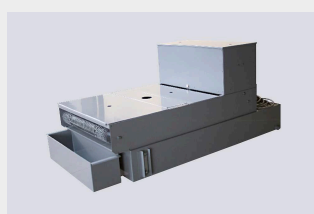
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АКСЕССУАРЫ



RECIRCULATION COOLING UNIT

- | Compact, integrable cooling system for standard applications.
- | Can be integrated into the housing and extended
- | Multi-chamber filtration
- | Inlet sieve with filter bag (see consumables)



BELT FILTER SYSTEM

- | Large cooling and filter system for continuous operation, e.g. in serial applications.
- | Tank size: 285 l
- | Filtering capacity: 100 l/min (referring emulsion)
- | Pump capacity: 100 l/min



CENTRIFUGAL SEPARATOR

- | Work safety: Working environment with improved air quality.
- | Removes coolant mist
- | Purifies the air and increases visibility
- | Exhaust power 452 m³/h

PERFECT CUTTING - CUT-OFF WHEELS FROM QATM

Резка более надежна, безопасна и эффективна, если для ее обработки используются правильные ингредиенты: знания, забота и правильный выбор расходных материалов и инструментов. The Qprep range includes specially developed cut-off wheels for a wide variety of materials and requirements.

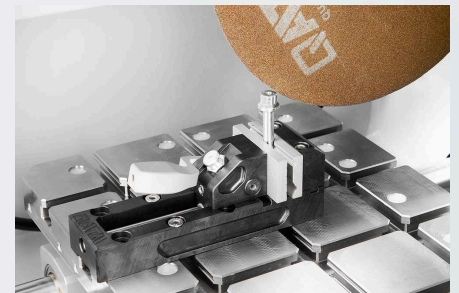
- | Low thermal influence on the specimen during the cutting process
- | Wet abrasive cutting achieves very fine surface finishes after cutting
- | Optimal cutting shortens the further preparation process



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.

- | Suitable for regular and irregularly shaped samples
- | Fast, repeat-accurate clamping of regularly shaped samples
- | Large range of different clamping tools and systems available



ОТРЕЗНОЙ СТАНОК QCUT 400 A

ХАРАКТЕРИСТИКИ



ОСОБЕННОСТИ

Рабочий диск	до \varnothing 406 мм/16"
Макс. отрезная способность	\varnothing 150 мм
Перемещение по оси X автоматическое	345 мм
Перемещение по оси Y автоматическое	200 мм
Движение по оси Z автоматическое и ручное (опция)	150 мм
Прецизионная ось Z	0,1 мм
T-образный паз	12 мм
Скорость	переменный
Потребляемая мощность	17 кВА
Мощность привода (основной привод)	7 кВт, S1
Габариты ШxВxГл	1100 x 1610 x 930 мм
Вес (зависит от оборудования)	~ 480 кг

www.qatm.com/qcut-400-a

ИНФОРМАЦИЯ ДЛЯ ЗАКАЗА

БАЗОВОЕ ОБОРУДОВАНИЕ

МАШИНА (ОБЯЗАТЕЛЬНЫЕ ЭЛЕМЕНТЫ)

M1842000  Qcut 400 A Базовый блок

БЛОК ПИТАНИЯ (НЕОБХОДИМ - 1 ШТ.)

A1842000 Qcut 400 A подключение питания 400В/50Гц (3Ph/PE)

A1842001 Qcut 400 A подключение питания 480В/60Гц (3Ph/PE)

A1842002 Qcut 400 A power supply 220V/60Hz (3Ph/PE)

ПОПЕРЕЧНАЯ ПОДАЧА (НЕОБХОДИМА - 1 ШТ.)


A1842003 Qcut 400 A привод стола ось X автоматическое управление / (без оси Z)

A1842004 Qcut 400 A привод стола ось X автоматическое управление / ось Z (поперечная подача) ручное управление (маховик)

A1842005 Qcut 400 A привод стола ось X автоматическое управление / ось Z (поперечная подача) автоматическое управление

РЕЦИРКУЛЯЦИОННАЯ СИСТЕМА (НЕОБХОДИМА - 1 ШТ.)

A1842008  Brilliant 265 рециркуляционная система охлаждения

A1842011  Brilliant 265 ленточный фильтр 285

Z6501003 Комплект подключения ленточной системы фильтрации 285

ОПЦИИ (ЗАКАЗЫВАЮТСЯ С МАШИНОЙ)

A1842009 Qcut 400 A лазерный нивелир для визуализации линии резки

A1842010  Qcut 400 A центробежный сепаратор

PRECISION CLAMPING DEVICES, CLAMPING_DEVICES,

PRECISION_CLAMPING_DEVICES

Z1870063	Reduction ring Ø 30 mm, Clamping_devices, Precision_clamping_devices
Z1870069	Manual chuck Ø 44 mm, Clamping_devices, Precision_clamping_devices

QUICK_CLAMPING_TOOLS,_CLAMPING_DEVICES

QTOOL_80,_CLAMPING_DEVICES, QTOOL_SERIES

Z2231203	Qtool 80 - 100mm, Clamping_devices, Qtool_series
Z2231204	Qtool 80 - 150mm, Clamping_devices, Qtool_series
02231243	Clamping jaw 40 mm, Clamping_devices, Qtool_series
Z2231215	Clamping jaws 70 mm, Clamping_devices, Qtool_series
02231245	Clamping jaw 40 mm bevelled, Clamping_devices, Qtool_series
02231246	Clamping jaw 40 mm cross prism, Clamping_devices, Qtool_series
Z2231216	Clamping jaws 70 mm slotted, Clamping_devices, Qtool_series
Z2231217	Clamping jaws 70 mm slotted prism, Clamping_devices, Qtool_series

QTOOL_80_VARIO,_CLAMPING_DEVICES, QTOOL_SERIES

Z2231200	Qtool 80 Vario - 100 mm, Clamping_devices, Qtool_series
Z2231201	Qtool 80 Vario - 150 mm, Clamping_devices, Qtool_series
Z2231202	Qtool 80 Vario - 250 mm, Clamping_devices, Qtool_series
Z2231210	Workpiece stop, Clamping_devices, Qtool_series
02231200	Clamping jaw, 40 mm - for Qtool 80 Vario, Clamping_devices, Qtool_series
Z2231211	Clamping jaws, 70 mm, Clamping_devices, Qtool_series
02231213	Prism jaw, 40 mm, Clamping_devices, Qtool_series
02231229	Bevelled jaw, 40 mm, Clamping_devices, Qtool_series
02231230	Cross prism jaw, 40 mm, Clamping_devices, Qtool_series
Z2231212	Round bar jaws, 70 mm slotted, Clamping_devices, Qtool_series
Z2231213	Prism jaws, 70 mm slotted, Clamping_devices, Qtool_series
Z2231214	Clamping jaws, 70 mm slotted, Clamping_devices, Qtool_series

POWER_CLAMPING_SYSTEMS,_CLAMPING_DEVICES, POWER_CLAMPING_SYSTEMS

POWER CLAMPING SYSTEM 100-540, CLAMPING_DEVICES, POWER_CLAMPING_SYSTEMS

Z2234016	Power clamping system 100-540, Clamping_devices, Power_clamping_systems
Z2234018	Prism clamping jaw, Clamping_devices, Power_clamping_systems
Z2234017	Clamping jaw flat, Clamping_devices, Power_clamping_systems
Z2234019	Angular drive, Clamping_devices, Power_clamping_systems

POWER CLAMPING SYSTEM LC 90, CLAMPING_DEVICES, POWER_CLAMPING_SYSTEMS



Z2234001	Power clamping system LC 90, Clamping_devices, Power_clamping_systems
Z2234003	Carrier jaws LC 90, Clamping_devices, Power_clamping_systems
Z2234004	V-groove jaw 100, Clamping_devices, Power_clamping_systems
Z2234005	Clamping jaw flat, Clamping_devices, Power_clamping_systems
Z2234009	Quick-change adapter, Clamping_devices, Power_clamping_systems
Z2234008	Step jaw 100, Clamping_devices, Power_clamping_systems
Z2234002	Clamping system X-Clamp 100, Clamping_devices, Power_clamping_systems
Z2234006	Socket 90°, Clamping_devices, Power_clamping_systems

БЫСТРО-ЗАЖИМНЫЕ СИСТЕМЫ, CLAMPING_DEVICES,
EASY_CLAMPING_PLATES

CLAMPING ACCESSORIES FOR ROTATING, SWIVELING AND
SPECIAL APPLICATIONS, CLAMPING_DEVICES,
CLAMPING_ACCESSORIES_SPECIALS

Z1304636	Expansion clamping device, Clamping_devices, Clamping_accessories_specials
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ПОПЕРЕЧНЫЕ ТИСКИ, CLAMPING_DEVICES, CLAMPING_ACCESSORIES_SPECIALS

Z1340010	 Поперечные тиски 50 - 100, Clamping_devices, Clamping_accessories_specials
Z1340000	 Поперечные тиски 80/100, Clamping_devices, Clamping_accessories_specials




УГЛОВЫЕ И ПОВОРОТНЫЕ ТИСКИ, CLAMPING_DEVICES, CLAMPING_ACCESSORIES_SPECIALS

Z1304001	Угловые тиски 60, Clamping_devices, Clamping_accessories_specials
01304008	Щека V-образная для угловых тисков 60, Clamping_devices, Clamping_accessories_specials
Z1302000	Угловые тиски 80, Clamping_devices, Clamping_accessories_specials
01302016	Щека V-образная для угловых тисков 80, Clamping_devices, Clamping_accessories_specials

ROTATIG DEVICES, CLAMPING_DEVICES, ROTATION_DEVICES

Z1870059	Rotation device type RD1, Clamping_devices, Rotation_devices
Z1891001	Rotation device type RD2.1, Clamping_devices, Rotation_devices

УНИВЕРСАЛЬНЫЕ ТИСКИ И АКССУАРЫ, CLAMPING_DEVICES, UNIVERSAL_VICES_AND_ACCESSORIES

Z1350025	Clamping rail, Clamping_devices, Universal_vices_and_accessories
01350022	Prism 120°, Clamping_devices, Universal_vices_and_accessories
01350023	Prism slim, Clamping_devices, Universal_vices_and_accessories
01350024	Prism 90°, Clamping_devices, Universal_vices_and_accessories
01350025	Prism 90° high, Clamping_devices, Universal_vices_and_accessories
Z1350002	 Универсальный зажим Mono 61, Clamping_devices, Universal_vices_and_accessories
Z1350004	 Комплект Mono 61 в чемоданчике, Clamping_devices, Universal_vices_and_accessories
Z1350011	 Зажим универсальный Mono 132, Clamping_devices, Universal_vices_and_accessories
Z1350005	Универсальные тиски Duo, Clamping_devices, Universal_vices_and_accessories
Z1350006	Универсальный цепной зажим, Clamping_devices, Universal_vices_and_accessories
92005796	Пятка V-образная продольная, для Mono/Piccolo, Clamping_devices, Universal_vices_and_accessories
92005797	Пятка V-образная поперечная, для Mono/Piccolo, Clamping_devices, Universal_vices_and_accessories
92005799	Пятка продольная, для Mono/Piccolo, Clamping_devices, Universal_vices_and_accessories

92005800	Пятка поперечная, для Mono/Piccolo, Clamping_devices, Universal_vices_and_accessories
92005798	Пятка стандартная, для Mono/Piccolo, Clamping_devices, Universal_vices_and_accessories
Z1350007	Адаптер высоты Piccolo, 60мм, Clamping_devices, Universal_vices_and_accessories
Z1350003	Адаптер высоты Mono, 74мм, Clamping_devices, Universal_vices_and_accessories
95003172	Удлинитель рычага для Piccolo 54 и Mono 61, Clamping_devices, Universal_vices_and_accessories
Z1304591	Фиксирующий болт M6 x 25 мм для универсальных зажимов, Clamping_devices, Universal_vices_and_accessories
95003169	Fixing screw Piccolo M8 x 25, Clamping_devices, Universal_vices_and_accessories
95003170	Fixing screw Piccolo M10 x 25, Clamping_devices, Universal_vices_and_accessories
95003168	Fixing screw Mono M10 x 32, Clamping_devices, Universal_vices_and_accessories
91001157	T-гайка, M6 x 8, нержавеющая сталь, Clamping_devices, Universal_vices_and_accessories
91001161	T-гайка, M8 x 10, нержавеющая сталь, Clamping_devices, Universal_vices_and_accessories
91001159	T-гайка, M8 x 12, нержавеющая сталь, Clamping_devices, Universal_vices_and_accessories
91001158	T-гайка, M10 x 12, нержавеющая сталь, Clamping_devices, Universal_vices_and_accessories