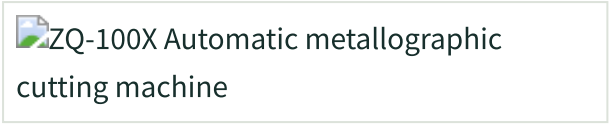
ZQ-100X Automatic metallographic cutting machine

Automatic metallographic cutting machine • Technical datasheet

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This floor-standing cutter uses a large colour touchscreen and PLC control. Its split, two-level movable platform supports positioned cutting and the preparation of thin flat sections from irregular workpieces. Feed travel can be set for the task, while cutting speed is continuously adjustable from 1 to 100 mm/min. Speed can also be adjusted during cutting in response to the cutting conditions.

Specifications

Model	ZQ-100X
Control system	8-inch color touchscreen, PLC control system
Door opening	Front-opening lid
Spindle speed	2840r/min
X table movement	manual 50mm
Clamping table	Split table
Y travel	automatic / manual (250mm)
Maximum cutting dimensions	130*380*100mm
Cutting modes	automatic / manual
Effective travel	Up to 220mm (adjustable)
Cutting table dimensions	250*300mm
Cutting speed	1 - 100mm / min (stepless speed control)
Feed method	Adjustable reciprocating cutting
Reset method	automatic / manual
Feed rate	0 - 200mm / minstepless speed control
Cutting progress display	LCD digital display (real-time)
Maximum wheel dimensions	ϕ350*2.5*ϕ32mm
Cooling system	Automatic water cooling, 4 channels
Tank capacity	60L

Motor power	4.0KW
Machine configuration	Integrated floor-standing unit
Power supply	380V
Dimensions	850*950*1350mm (L * W * H)
Net weight	300KG
Gross weight	350KG

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Compiled from published product information. Final configuration follows the technical agreement; confirm options, fixtures and scope with an application engineer.

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