

Technical Data

FORM 2, FORM 3

		FORM 2	FORM 3
Machine			
Main machine dimensions *	mm	1200 x 1610 x 2125	1700 x 2405 x 2595
Cabinet dimensions *	mm	560 x 686 x 1840	560 x 686 x 1840
Main machine weight (Without dielectric)	kg	1350	3275
Floor space **	mm	2160 x 1610	2660 x 2405
Work tank			
Work tank size [external] *	mm	1200 x 550 x 360	1520 x 840 x 550
Work table size **	mm	500 x 320	800 x 500
Maximum workpiece size *	mm	780 x 480 x 235	1040 x 700 x 420
Max. load	kg	400	1000
Axis			
Travel X, Y, Z	mm	320 x 250 x 250	500 x 400 x 400
Moving speed X, Y, Z	m/min	≥2	≥2
Z axis			
Max. electrode weight (with chuck)	kg	60	100
Min./Max.distance between head to table (no chuck)	mm	250/500	300/700
Dielectric unit			
Capacity	l	290	700
Number of filter		2	2
Generator and technology			
Generator type		IPG	IPG
Max. machining current	A	80	80(140***)
Max.removal rate	mm³/min	400 (copper-steel 80A)	400 (copper-steel 80A)
Best surface finish Ra	µm	0.2	0.2
Technologies		copper/steel-aluminum graphite/steel-aluminum tungsten copper/steel-carbide	copper/steel-aluminum graphite/steel-aluminum tungsten copper/steel-carbide
Power supply			
Standard		AC380 ± 10% / 50Hz or 60Hz(***)	
Other voltage		Need the option of External Transformer	
Power consumption	kVA	5.6	5.6 (80A) 8.3 (140A)

* Width x depth x height ** Width x depth *** Option

FORM 2

FORM 3

Control unit

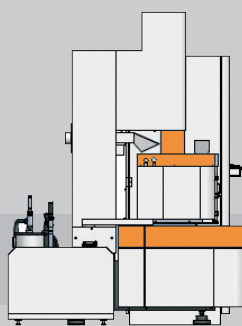
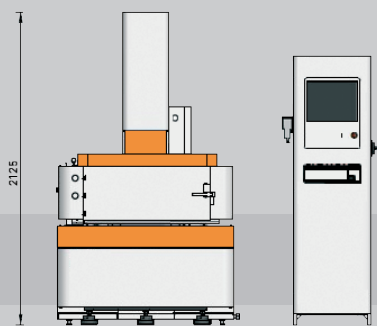
Display	17" TFT touch screen	17" TFT touch screen
Operating system	Windows	Windows
User interface	AC FORM HMI	AC FORM HMI
Diagnosis	Embedded	Embedded
Dimensions	metric-inch	metric-inch
User language	Chinese, English	Chinese, English
Ports	1 x LAN; 1 x USB	1 x LAN; 1 x USB

General Data

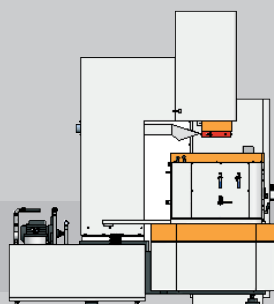
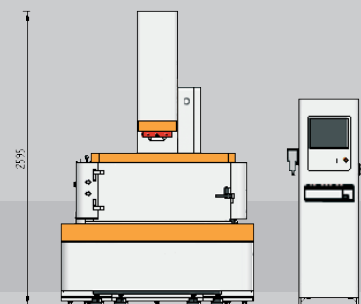
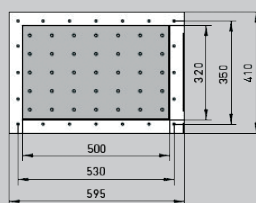
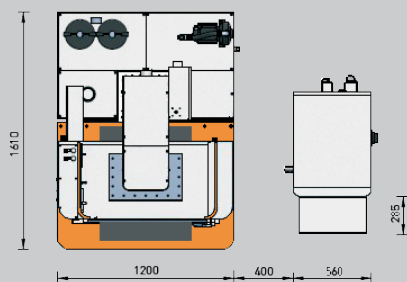
For guaranteed accuracy	°C	20 ± 3	20 ± 3
For operation of the equipment	°C	15 ~ 30	15 ~ 30
Permissible relative humidity		40 % ~ 80 %	40 % ~ 80 %

Main options

Basal manual chuck	
3R manual chuck	
EROWA manual chuck	
Heat-exchanger	
Chiller	



FORM 2



FORM 3

