

1. Technical Data

MACHINE		SA20	SA30
Dimensions mechanic only (DXWXH)	mm	1300X1850X2500	2000x2600x2700
Weight of machine(no dielectric)	kg	1550	3060
HIGH RIGIDITY MACHINING HEAD			
Max. electrode weight (no C axis)	kg	50	100
Min./Max. distances between table surface and			
insulated interface	mm	230/480	250/650
3R Macro chuck	mm	170/420	190/590
3R COMBI chuck	mm	170/420	190/590
EROWA ITS-COMPACT chuck	mm	170/420	190/590
EROWA ITS chuck	mm	175/425	195/595
3R Manual chuck	mm	190/440	210/610
EROWA Manual chuck	mm	170/420	190/590
Chinese Manual chuck	mm	90/340	110/510
X, Y AND Z AXES			
Travel X, Y, Z axis	mm	350X250X250	600X400X400
Positioning resolution	μm	0.125	0.125
Lubrication		Centralized manual	
MACHINING TABLE			
Useful surface (LxW)	mm	630X400	800X600
Max. load	kg	400	1000
Number of T slots for fixing		4	5
Dimensions of slots	mm	12	12
Space between slots	mm	100	125
WORK TANK			
Max. Inside dimensions (W, D, H)	mm	955x540x350	1200x800x500
Max. capacity	L	160	475
Max. Work piece dimension	mm	800x500x265	1000x700x400
Level (from working surface) min./max.	mm	140/310	150/450

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Sinking machine AGIE-ELOX Mondo:

		1	2	3	4	
External dimension	width	810	1060	1150	1400	mm
	depth	1270	1380	1644	1960	mm
	height	2032	2110	2150	2300	mm
Net weight of the system		850	1293	1936	2230	kg

Sinking machine AGIE-ELOX Mondo:

		20	30	
External dimension	width	1130	1325	mm
	depth	1320	1690	mm
	height	2110	2150	mm
Net weight of the system		1320	1960	kg

Sinking machine AGIE-ELOX Mondo:

		1	2 + 20	3 + 30	4	
Max. workpiece dimension	width	450	620	700	700	mm
	depth	250	400	500	550	mm
	height	270	180	350	250	mm
Work tank external dimension	width	545	644	1000	1030	mm
	depth	390	427	700	760	mm
	height	330	270	400	350	mm
Mounting surface	width	405	400	650	800	mm
	depth	200	300	510	600	mm
Traversing path	X-axis	200	300	355	500	mm
	Y-axis	150	250	300	350	mm
	Z-axis	200	250	250	350	mm
	rapid m. (Z-axis)	720	720	720	720	mm/min
Distance table-quill	min.	305	150	315	200	mm
	max.	505	400	565	550	mm
Workpiece weight	max.	150	200	450	500	kg
Electrode weight	max.	23	25	70	100	kg
Precision of X, Y, Z axes						
Positional variation	Pa			0,02/100		mm
Resolution X-Y-axes	Mondo 1...4			0,005		mm
	Mondo 20 + 30			0,001		mm
Resolution Z-axis				0,001		mm