

Sonorus 1G (Technical Specifications)

Items	Unit	SONORUS 1G
Clamping unit		
Clamping system	Vertical	Tie bars less
Clamping force	kN	30
Standard Mold type (outside dimensions)	mm	(150x150x20)
Clamping plates size (LxH)	mm	75x75
Mold opening Stroke (max.)	mm	125
Max. Mould height	mm	80
Min. Mould height	mm	40
Ejector drive system		Servo Electric
Ejector force (max.)	kN	2.5
Ejector speed (max.)	mm/s	500
Ejector stroke	mm	30
Ultrasound unit		
Ultrasonic frequency	KHz	30
Generator power	KW	0.75
Molding pressure (max.)	MPa	30 (Low Pressure)
Max. dosing weight	grs	0.5
Min. dosing weight	grs	0.015
Production rate max. (PS)	kg/h	0.36
Plunger stroke	mm	100
Plunger driving system		Servo Electric
Hopper capacity	L	1.5
Drive Power		
Electrical power supply	KW	3
Max. Power consumption	W	1000
Display and software control		
Control System (G1)		B&R
Data introduction system		Touch Screen
Screen size	inch	10.4
Machine Dimension and Weight		
Machine dimensions (LxWxH)	mm	806x853x1787
Machine net weight	Kg	530