

Sealing robots

SR_ES Series



Revision: 02

TECHNOLOGICAL CHARACTERISTICS		
Dimensional characteristics	SR04020ES	SR04025ES
Maximum insulating glass unit length	4000 mm	4000 mm
Maximum insulating glass unit height	2000 mm	2500 mm
Minimum insulating glass unit dimensions	320 mm x H=180 mm	
Minimum insulating glass unit thickness	12 mm (3 + 6 + 3)	
Maximum insulating glass unit thickness	65 mm	
Processing pane thickness	3 ÷ 25 mm	
Spacer frame thickness	6 ÷ 24 mm (27 mm optional)	
Maximum transportable insulating glass unit weight	200 kg/m	
Process characteristics	SR04020ES	SR04025ES
Number of operating heads	1	
Processable insulating glass unit	lower side aligned	
Processing of rectangular panes	in self-learning mode	
Processing of shaped panes	optional	
Executable shapes	according to FOREL Catalogue	
Automatic measurement of the spacer frame depth from the edge of the glass	15 mm	
Execution of multi-chamber	optional* (Max. 2 chambers) *limits to be evaluated according to the applications	
Insert centring on 2nd chamber (with optional multi-chamber)		
Standard sealant	1 product	
Additional sealant	optional (Max. 2 products in total)	
Constructional characteristics	SR04020ES	SR04025ES
Thickness measuring device	✓	
Pane transport height	640 mm (min. 520 mm)	
Machine body weight	~ 3000 kg	~ 3100 kg

TECHNICAL CHARACTERISTICS	
Applied standard	CEI EN 60204-1
Power supply	400 V ±10% Freq. 50/60 Hz ±1% 3P+PE
Environmental conditions	min. +5°C, max. +40°C temperature
	humidity < 80%
	altitude < 1000 m a.s.l.
Type of grounding system	TT (ground isolated from neutral)

(data concerning the technological/electrical characteristics of the article treated in this data sheet are not binding since they are subject to change).

Sealing robots

SR_ES Series



SUPPLIED TOOLS

1 insert for spacer frame - width 6 ÷ 9 mm
1 insert for spacer frame - width 9 ÷ 15 mm
1 insert for spacer frame - width 15 ÷ 20 mm
1 insert for spacer frame - width 20 ÷ 24 mm

OPTIONALS AVAILABLE ON REQUEST

SRES-01	Diagnostic supervisor system
SRES-02	Processing of shaped panes
SRES-03	Sealing of triple insulating glass units
SRES-04	Additional circuit for second sealing material, complete with dosing unit and mixer (pumping unit not included)
WP00000BG	200 l pumping unit
WP00000SM	20 l pumping unit