

NEW



Spritzgiessautomaten



SIMPLY PRECISE.

Ultra-compact machines for micro and single-cavity injection molding.

BOY X5 • BOY X5V

MaXimum performance in the Smallest area!

The BOY XS is a new development from BOY – an injection molding machine designed with well-proven technology and all the merits of our larger machines.

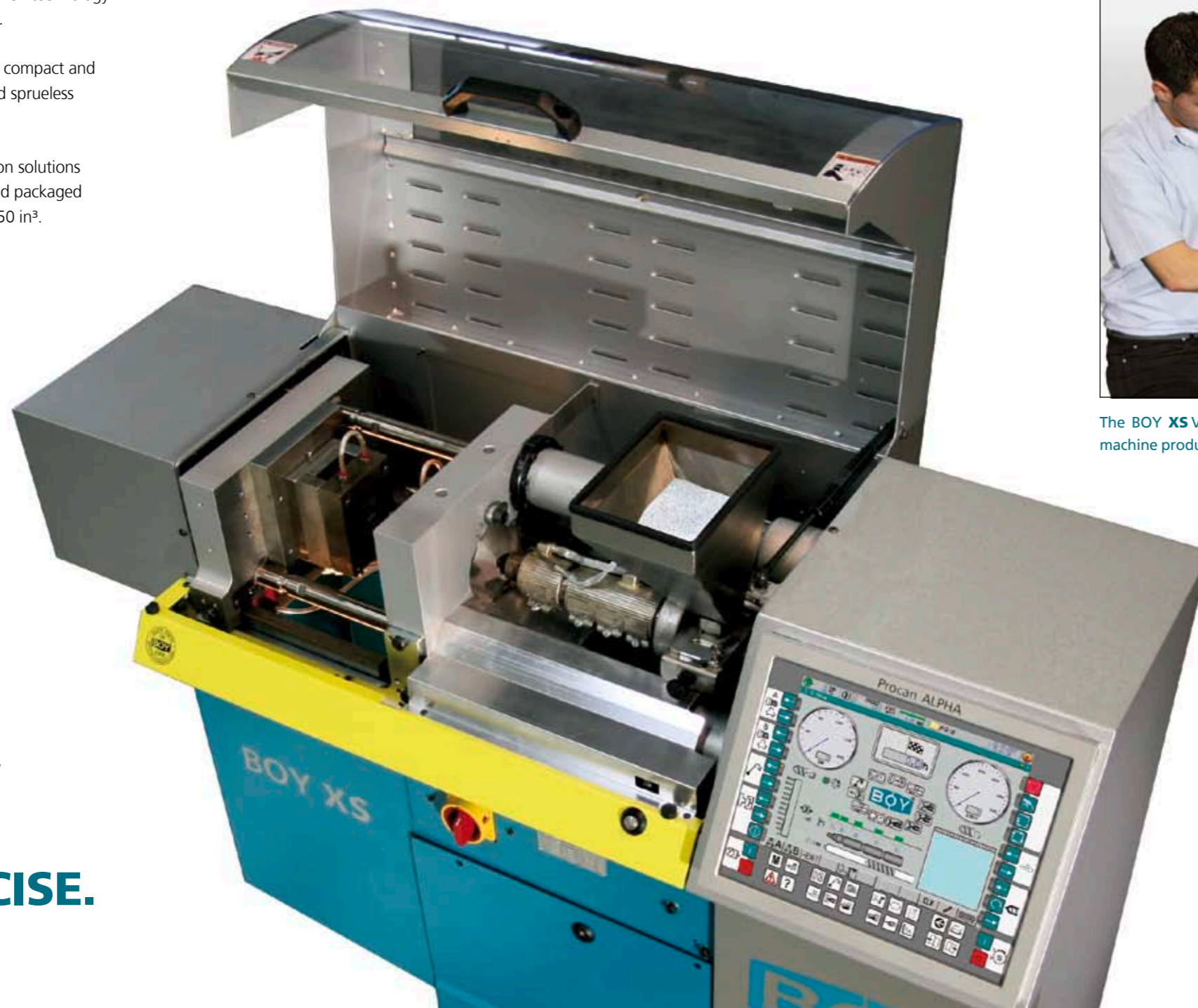
The difference: the BOY XS is even more compact and thus offers new possibilities for micro and sprueless single-cavity injection molding.

The BOY XS facilitates optimal automation solutions from granules right up to the finished and packaged molded part – up to a shot volume of 0.50 in³. The benefit for you: cost effectiveness combined with a supreme level of precision.

The intelligent design is ideally suited for the requirements of micro injection molding. A 12 mm plasticizing unit and the innovative Procan ALPHA[®] control (for more information see our “Compact Quality” brochure) ensures absolute precision, repeatability, and ease of operation.

BOY's well-established, cantilevered two-platen clamping system reduces the space requirement to a minimum. The two diagonally arranged tie bars provides optimal access to the plasticizing unit, mold area, and ejector.

SIMPLY PRECISE.



More precise. Most economical. Extremely compact.

- Precise Procan ALPHA[®] control
- Easy to operate
- Easily adaptable to automated processes
- Designed for continuous industrial operation

Ideal for micro and single-cavity injection molding of thermoplastics and elastomers.



The BOY XS V expands the BOY insert molding machine product offering. With a footprint of less than seven square feet, it provides all of the design advantages found in this successful machine configuration.

BOY[®]
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Technical Data

	BOY XS / BOY XS V		
EUROMAP size	100-14		
Clamping force	11.0 US Tons		
Max. platen daylight	9.84 in		
Max. opening stroke	5.90 in		
Min. mold height	3.94 in (optional 1.97 in)		
Tie bar clearance	6.30 in (horizontal)		
	8.07 in (diagonal)		
Installed total power	4,4 kW / 400 V		
Plasticising unit for thermoplastics	12 mm	14 mm	-
Plasticising unit for liquid silicone rubber	-	14 mm	-
Plasticising unit for elastomer	-	-	16 mm
Max. shot weight in PS	0.15 oz	0.20 oz	-
Max. stroke volume (theoretical)	0.27 in ³	0.38 in ³	0.50 in ³
	BOY XS	BOY XS V	
Dimensions	4.79 x 1.83 x 4.53 feet	3.59 x 1.90 x 7.41 feet	
Footprint	8.76 square feet	6.82 square feet	
Total net weight (without oil)	882 lb	959 lb	

BOY Demonstration Center Put us to the test.

We are proud to present the quality of BOY machines in an environment that is perfectly representative of actual field performance.

Our well equipped Exton based demonstration center provides you with the opportunity to gather information about our complete line of injection molding machines.

Save time and money by testing our machines under operating conditions. Let BOY show you how our customer oriented service program works for you.



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