

T-DRILL

SEC-100

Automatic collaring machine



IT'S THE TOOLS
THAT SAY HOW GOOD YOU ARE.

SEC-100

COLLARING MACHINE

The T-Drill SEC-100 Models

T-DRILL SEC-100 is able to produce collars for carbon steel, stainless steel, copper and other alloys as well as thin-walled Hastelloy pipes. SEC-100 fits well for manufacturing level detection systems for liquids or similar application in the food, dairy, chemical and pharmaceutical industries.

SEC-100 has integrated pilot hole cutter, collaring and trimming tools inside the machine. Tooling and clamping are manually pre-adjusted prior to automatic process of each collar. The process of one collar is performed fully automatically without manual intervention. Positioning for next collar is done manually.

SEC-100 TCS is an automatic collaring machine for both high volume and short-run manifold production. Machine is moving along the pipe length. Pipe is rotated by servo drive.



The tube is fastened from its both ends to the SEC-100 TCS. A suitable collaring program is selected from the PC controls and an automatic cycle is started. SEC-100 TCS makes all the collars of same size on different angles fully automatically according to the selected program.

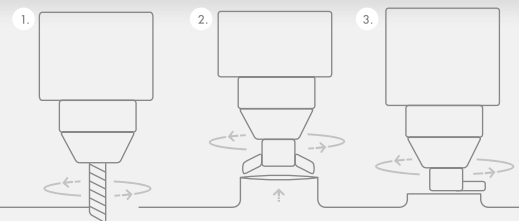
SEC-100 Capacity

	O.D.					
	26.9 mm 1 1/4"	33.7 mm 1 1/4"	42.4 mm 1 1/4"	60.3 mm 2"	88.9 mm 3"	114.3 mm 4"
33.7 mm 1 1/4"	2.0 .080	2.0 .080				
42.4 mm 1 1/4"	2.3 .090	2.3 .090	2.6 .100			
48.3 mm 1 1/2"	2.3 .090	2.6 .100	2.9 .114			
60.3 mm 2"	2.3 .090	2.6 .100	2.9 .114	3.0 .118		
76.1 mm 2 1/2"	2.3 .090	2.9 .114	3.0 .118	3.0 .118		
88.9 mm 3"	2.3 .090	2.9 .114	3.0 .118	3.0 .118	3.0 .118	
114.3 mm 4"	2.3 .090	2.9 .114	3.0 .118	3.0 .118	3.0 .118	3.0 .118
139.7 mm 5"	2.3 .090	2.9 .114	3.5 .138	3.5 .138	3.5 .138	3.5 .138
168.3 mm 6"	2.3 .090	2.9 .114	3.5 .138	3.5 .138	3.5 .138	3.5 .138
219.1 mm 8"	2.3 .090	2.9 .114	3.5 .138	4.0 .157	4.0 .157	4.0 .157



T-DRILL PROCESS

T-DRILL Collaring method for pipe branching is applicable to almost all malleable materials
Automatic process 1. Milling 2. Collaring 3. Trimming



MANUFACTURER:

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