

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

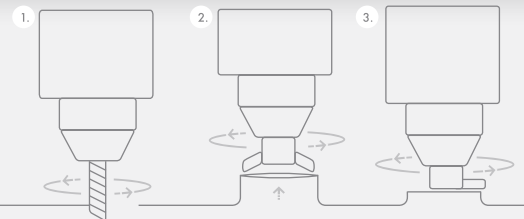
SEC-100 Capacity

| | O.D. | | | | | |
|-------------------|---------------|-------------------|-------------------|---------------|---------------|----------------|
| | 26.9 mm 1" | 33.7 mm 1 1/4" | 42.4 mm 1 1/2" | 60.3 mm 2" | 88.9 mm 3" | 114.3 mm 4" |
| 33.7 mm 1" | 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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REPRESENTED BY:

