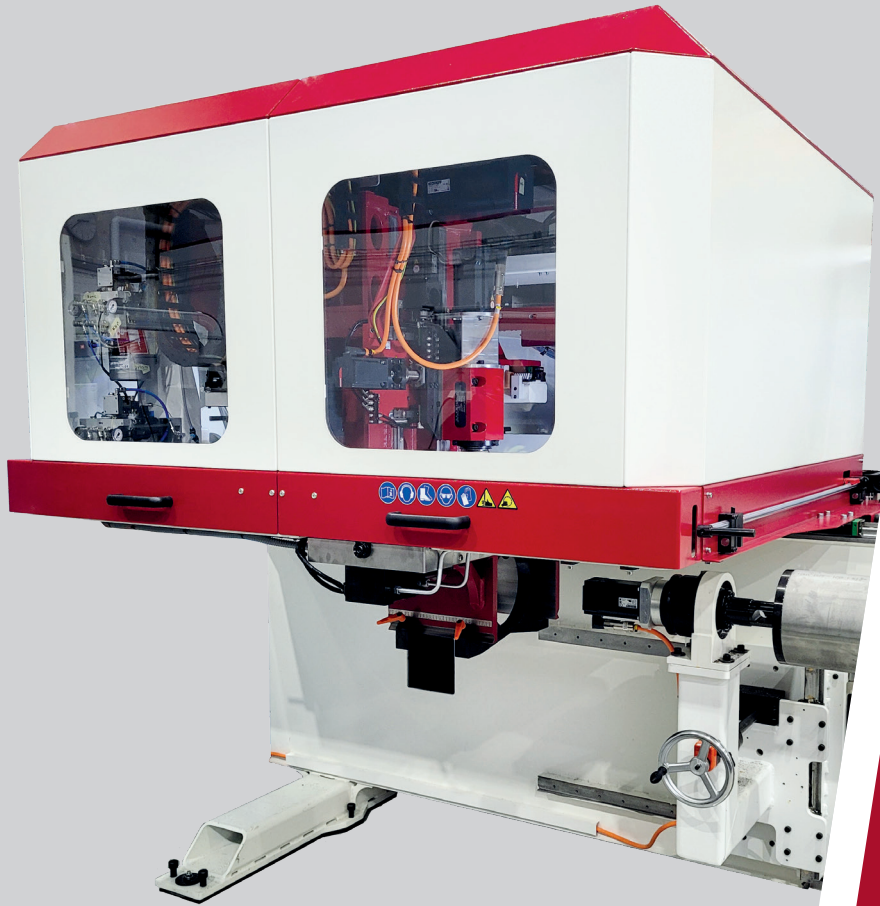


T-DRILL

PRODUCTIVITY AS A PRODUCT.

Industry 4.0 ready



COLLARING MACHINE

High-speed Fully Automatic Collaring Machine with Fully Servo Controlled Process

SEC-115

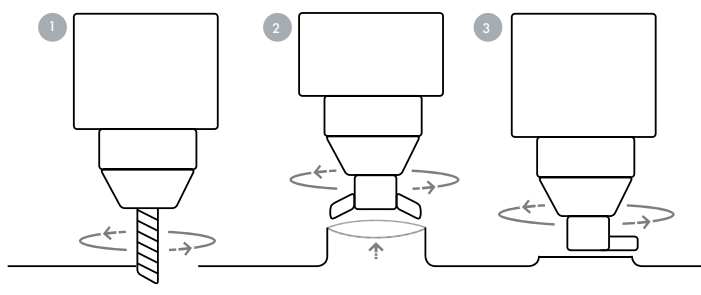
SEC-115 Collaring Machine

T-DRILL Fully Automatic Collaring Machine **SEC-115** with automatic tool changer for five different collaring tools makes the production of manifolds with multiple collar diameters easier, faster, and more productive than ever before. **SEC-115** is suitable for stainless steel, steel, copper, and aluminum manifold production.

The high-speed **SEC-115** operates by moving according to the program along the tube length, while pipe is rotated when needed. The SEC-115 has a fully automatic collaring cycle:

1. Pilot hole milling, 2. Collar forming and 3. Trimming for the collars to be welded.

THE T-DRILL PROCESS



While the pilot hole milling unit works, collaring unit collects simultaneously the correct collaring tool from the magazine and starts collaring instantly when the pilot hole is ready. The collaring tool is adjusted automatically according to programmed collar diameter, so no manual tool adjustment is needed.



SEC-115 made this manifold in less than 10 minutes.

Capacity | Max. wall thicknesses

		Collar outside diameter										
		Mild Steel & Stainless Steel										
		17 mm	19,05	21,3	26,9	33,7	42,4	48,3	60,3	76,1	88,9	114,3
		NS 3/8"	3/4"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 3/4"	3"	4"
Run tube outside diameter	mm											
	inch											
	Ø											
	33,7	1,5	1,5	2,0	2,6	2,6	—	—	—	—	—	—
	1"	0.059	0.059	0.079	0.102	0.102						
	42,4	1,5	1,5	2,0	2,6	2,9	2,9	—	—	—	—	—
	1 1/4"	0.059	0.059	0.079	0.102	0.114	0.114					
	48,3	1,5	1,5	2,0	2,6	2,9	2,9	2,9	—	—	—	—
	1 1/2"	0.059	0.059	0.079	0.102	0.114	0.114	0.114				
	60,3	1,5	1,5	2,0	2,9	2,9	2,9	3,05	3,05	—	—	—
	2"	0.059	0.059	0.079	0.114	0.114	0.114	0.120	0.120			
	76,1	1,5	1,5	2,0	2,9	2,9	3,05	3,05	3,05	3,05	—	—
2 3/4"	0.059	0.059	0.079	0.114	0.114	0.120	0.120	0.120	0.120			
88,9	1,5	1,5	2,0	3,05	3,05	3,05	3,05	3,05	3,05	3,05	—	
3"	0.059	0.059	0.079	0.120	0.120	0.120	0.120	0.120	0.120	0.120		
114,3	1,5	1,5	2,0	3,05	3,05	3,05	3,05	3,05	3,05	3,05	3,05	
4"	0.059	0.059	0.079	0.120	0.120	0.120	0.120	0.120	0.120	0.120	0.120	
139,7	1,5	1,5	2,0	3,05	3,05	3,05	3,05	3,05	3,05	3,05	3,05	
5"	0.059	0.059	0.079	0.120	0.120	0.120	0.120	0.120	0.120	0.120	0.120	
168,3	1,5	1,5	2,0	3,05	3,05	3,05	3,05	3,05	3,05	3,05	3,05	
6"	0.059	0.059	0.079	0.120	0.120	0.120	0.120	0.120	0.120	0.120	0.120	
219,1	1,5	1,5	2,0	3,05	3,05	3,05	3,05	3,05	3,05	3,05	3,05	
8"	0.059	0.059	0.079	0.120	0.120	0.120	0.120	0.120	0.120	0.120	0.120	
273	1,5	1,5	2,0	3,05	3,05	3,05	3,05	3,05	3,05	3,05	3,05	
10"	0.059	0.059	0.079	0.120	0.120	0.120	0.120	0.120	0.120	0.120	0.120	

Technical data

Steels	
Collaring range	17 - 114,3 mm / NS 3/8" - 4"
Run tube size	33.7 - 273 mm / 1" - 10"
Rated power	15 kW

The information included in this brochure is subject to revision without notice.

DO IT WITH T-DRILL

Cut costs – Improve quality – Increase profit

- No T-fittings
- No costly inventories
- Less tube cutting

- Only one welded/brazed joint
- Minimized inspection cost
- Tee ratio variation flexibility

- Smaller risk of leakage or call-backs
- Optimized flow-characteristics

MANUFACTURER:

T-DRILL

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