

T-DRILL

PRODUCTIVITY AS A PRODUCT.



COLLARING MACHINE

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

S-80



S-80 Collaring Machine

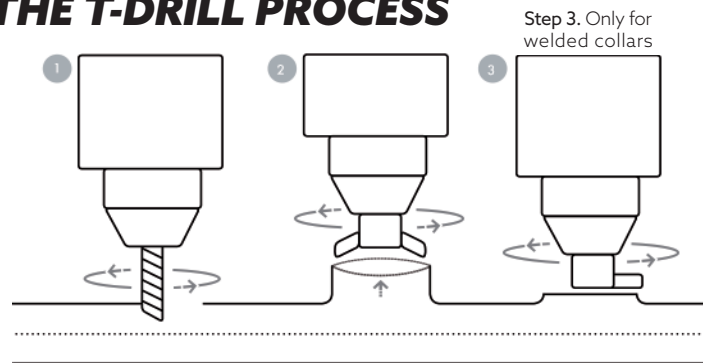
T-DRILL fully automatic collaring machine **S-80** with tool changer is an ideal machine for the production of manifolds with multiple collar diameters. S-80 is suitable for stainless steel, steel, copper, and aluminum manifold production with multiple collar diameters.

*As an option different manual and automatic tube feeding systems are available.

The **S-80** has a fully automatic collaring cycle: 1. Pilot hole milling, 2. Collar forming and 3. Trimming for the collars to be welded. The collaring tool is adjusted automatically according to programmed collar diameter, so no manual tool adjustment is needed.



THE T-DRILL PROCESS



Capacity | Max. wall thicknesses

		Collar outside diameter											
		Mild Steel & Stainless Steel											
Run tube outside diameter	mm NS inch	12,7 ½"	17,2 ¾"	19,05	21,3 ¾"	26,9 1"	33,7 1 ¼"	42,4 1 ½"	48,3 1 ¾"	60,3 2"	76,1 2 ½"	88,9 3"	101,6 3 ½"
	26,9 ¾"	1,0 0.0393	1,5 0.059	1,5 0.059	1,5 0.059	2,6 0.102	—	—	—	—	—	—	—
	33,7 1"	1,0 0.0393	1,5 0.059	1,5 0.059	2,0 0.079	2,6 0.102	2,6 0.102	—	—	—	—	—	—
	42,4 1 ¼"	1,0 0.0393	1,5 0.059	1,5 0.059	2,0 0.079	2,6 0.102	2,9 0.114	2,9 0.114	—	—	—	—	—
	48,3 1 ½"	1,0 0.0393	1,5 0.059	1,5 0.059	2,0 0.079	2,6 0.102	2,9 0.114	2,9 0.114	2,9 0.114	—	—	—	—
	60,3 2"	1,0 0.0393	1,5 0.059	1,5 0.059	2,0 0.079	2,9 0.114	2,9 0.114	2,9 0.114	3,05 0.120	3,05 0.120	—	—	—
	76,1 2 ½"	1,0 0.0393	1,5 0.059	1,5 0.059	2,0 0.079	2,9 0.114	2,9 0.114	3,05 0.120	3,05 0.120	3,05 0.120	3,05 0.120	—	—
	88,9 3"	1,0 0.0393	1,5 0.059	1,5 0.059	2,0 0.079	3,05 0.120	3,05 0.120	3,05 0.120	3,05 0.120	3,05 0.120	3,05 0.120	2,6 0.102	—
	101,6 3 ½"	1,0 0.0393	1,5 0.059	1,5 0.059	2,0 0.079	3,05 0.120	3,05 0.120	3,05 0.120	3,05 0.120	3,05 0.120	3,05 0.120	3,05 0.120	2,0 0.079
	114,3 4"	1,0 0.0393	1,5 0.059	1,5 0.059	2,0 0.079	3,05 0.120	3,05 0.120	3,05 0.120	3,05 0.120	3,05 0.120	3,05 0.120	3,05 0.120	2,0 0.079

Technical data

Steels	
Collaring range	10 - 101,6 mm / NS ¾" - 3 ½"
Run tube size	26,9 - 114,3 mm / NS ¾" - 4"
Rated power	15 kW
Weight (basic unit)	1 200 kg
Noise level	73dB(A)

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
- No 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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