

# T-DRILL

PRODUCTIVITY AS A PRODUCT.

**NEW!** Industry 4.0 ready



## COLLARING MACHINE

Tube branching center for fast T-fitting manufacturing

**TBC-115**

## TBC-115 TUBE BRANCHING CENTER

Completely new Tube Branching Center for fastest T-DRILL T-fitting manufacturing ever, up to 160 T-fittings per hour.

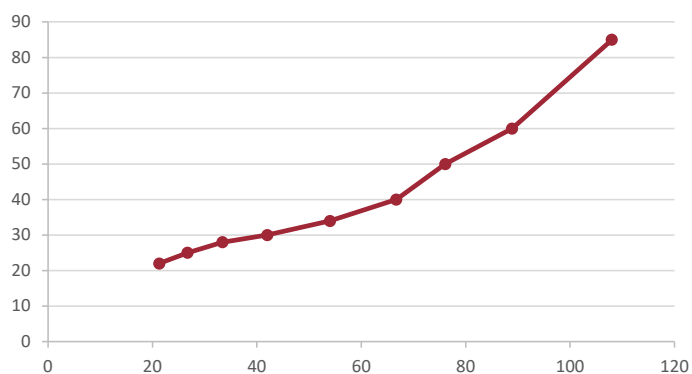
TBC-115 has a turntable with three machining units, which allow the three steps of the process to be done simultaneously:

1. Pilot hole milling
2. Collaring
3. Trimming

Automatic adjustment of collaring tools according to collar size within the adjustment range of each collaring head. Emulsion lubrication for milling and trimming process results in a clean tube without chips stuck to it. TBC-115 is Industry 4.0 and online cloud system TD-Vault ready.



### Cycle time / seconds



Stainless steel tubes, 2 mm wall thickness

## DO IT WITH T-DRILL

MANUFACTURER:

### T-DRILL

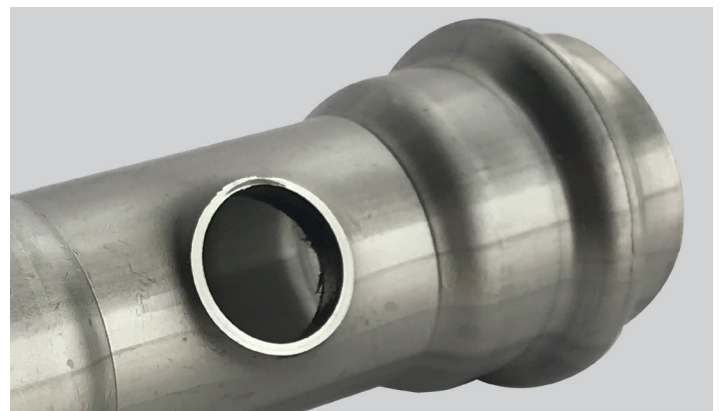
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REPRESENTED BY:

### Capacity | Max. wall thicknesses

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

TBC-115	
Collar sizes	17 - 114.3 mm (3/8" - 4")
Run tube sizes	21,3 - 114,3 mm (1/2 - 4")
Rated power	15 kW

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

Cut costs – Improve quality – Increase profit