

T-DRILL

PRODUCTIVITY AS A PRODUCT.



SP-SERIES

Tube End Spinning Machines

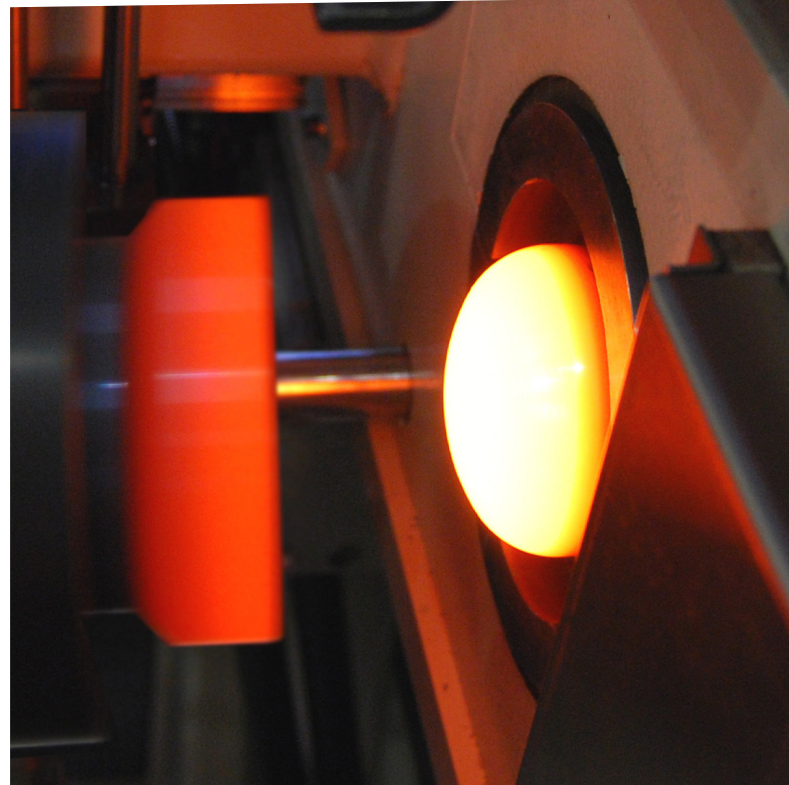
SP-55

SP-110

SP-SERIES TUBE END SPINNING MACHINES

The **T-DRILL** tube end spinners are designed to produce a wide variety of tube end shapes. They form closed, reduced and expanded ends even on exceptionally long and complex tube shapes. These shapes are typically used in air-conditioning, cooling, solar collector and mechanical contracting industries.

The spinners are fully automatic and suitable for copper and brass tubes. After the work piece has been loaded, the clamp jaws fix the tube and the rotating tool is fed against the tube end. The friction between the rotating tool and the stationary work piece heats the tube end and rapidly forms it to the shape of the tool.



TUBE END SPINNING

A. Closing B. Reduction C. Expansion

A



B



C



SP-55 Tube End Spinning Machine

Solution for closing, reducing and expanding of copper tubes.

Max. tube diameter: 67 mm / 2 ⁵/₈"
Min. tube length: 100 mm / 4"
Max. wall thickness: 3 mm / 0.12"



SP-110 Tube End Spinning Machine

Solution for closing, reducing and expanding of copper tubes.

Max. tube diameter: 108 mm / 4 ¹/₈"
Min. tube length: 100 mm / 4"
Max. wall thickness: 3 mm / 0.12"



Technical data

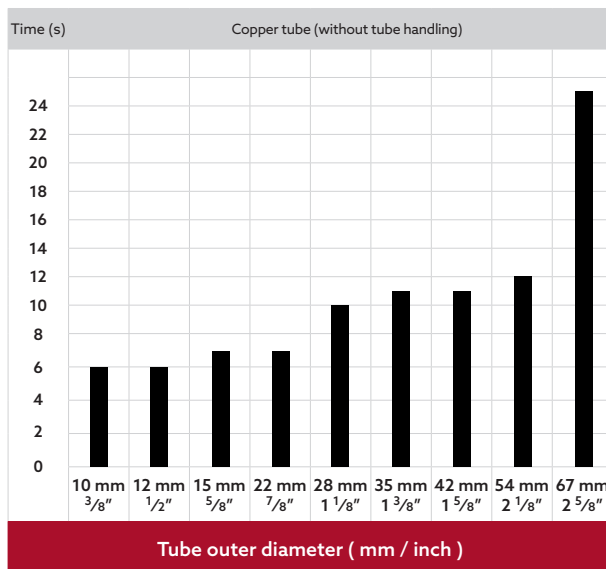
	SP-55	SP-110
Tube material	Copper (Cu)	Copper (Cu)
Max. wall thickness	3 mm / 0.12"	3 mm / 0.12"
Weight	600 kg / 1320 lbs	650 kg / 1430 lbs
Nominal power	11 kW	18,5 kW
Air supply	6 - 8 bar	6 - 8 bar
Air consumptio	850 NI / min	850 NI / min

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

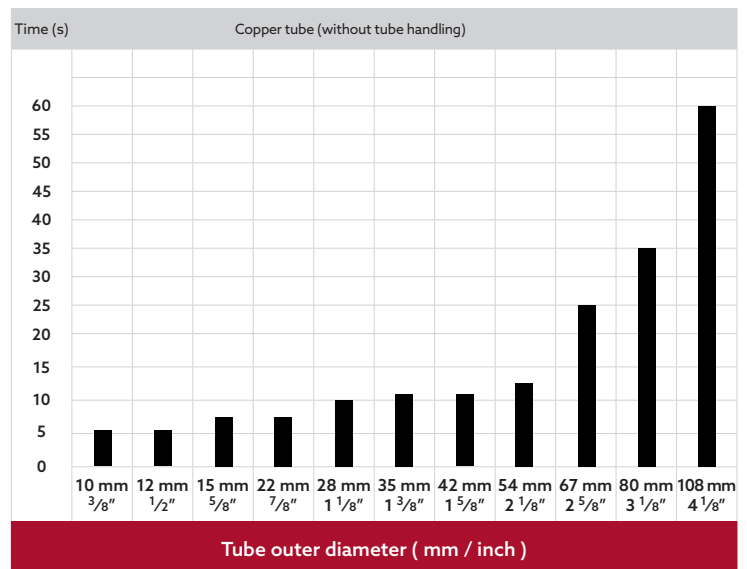
Capacity of the machines

	SP-55	SP-110
Closing	8-67 mm ($\varnothing \frac{5}{16}'' - 2 \frac{5}{8}''$)	8-108 mm ($\varnothing \frac{5}{16}'' - 4 \frac{1}{8}''$)
Reduction	8-67 mm ($\varnothing \frac{5}{16}'' - 2 \frac{5}{8}''$)	8-108 mm ($\varnothing \frac{5}{16}'' - 4 \frac{1}{8}''$)
Expansion	8-54 mm ($\varnothing \frac{5}{16}'' - 2 \frac{1}{8}''$)	8-67 mm ($\varnothing \frac{5}{16}'' - 2 \frac{5}{8}''$)

Typical spinning cycle times SP-55



Typical spinning cycle times SP-110



The charts above are meant to be suggestive only. Total times depend on material specifications.

DO IT WITH T-DRILL

Cut costs – Improve quality – Increase profit

- No fittings (end cups)
- No costly inventories

- Less brazing materials needed
- Minimized inspection cost
- Reduced working time

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

MANUFACTURER:

T-DRILL

T-DRILL OY

Ampujantie 32
66400 Laihia, FINLAND
Tel. +358 6 475 3333
Telefax +358 6 475 3300
sales@t-drill.fi, www.t-drill.fi

REPRESENTED BY:

T-DRILL Industries Inc.

1740 Corporate Drive,
Suite #820, Norcross,
Georgia 30093 USA
Tel. +1-770-925-0520,
Toll-free +1-800-554-2730
Telefax +1-770-925-3912
sales@t-drill.com
www.t-drill.com