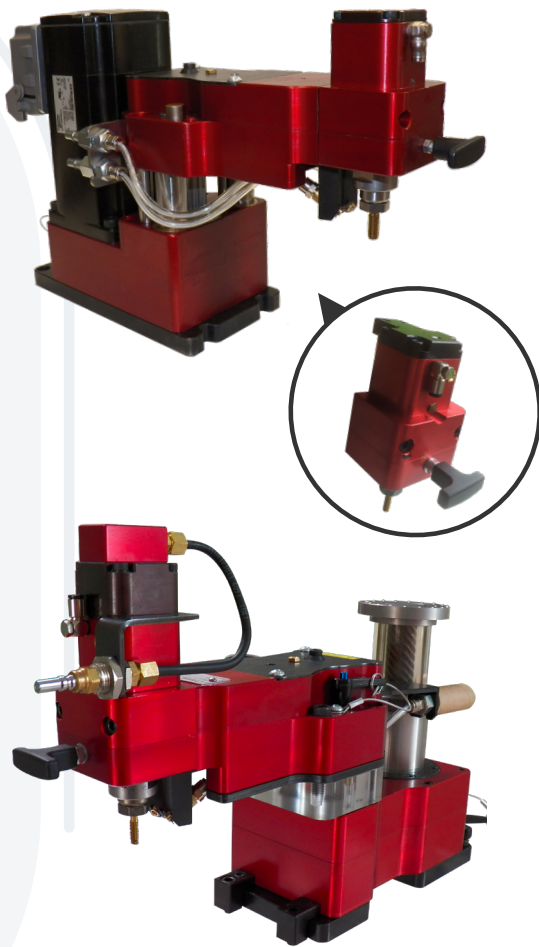


The most **FLEXIBLE** SOLUTION for your applications with **1 tapped hole and lifted strip**



ST (Single Tap), the only single tap tapping unit on the market with a detachable tapping head, built-in strip height following feature, and innovative options.

These tapping units are designed with a detachable tapping head to be used for single tap applications. The tapping head can be driven by a mechanical or servo-driven motorization, which are interchangeable.

These units are much easier to use thanks to the automatic tap position adjustment (auto-setup function) and declutchable cartridge.

The two-part design makes the handling of the unit much easier and reduces the downtime for tap change.

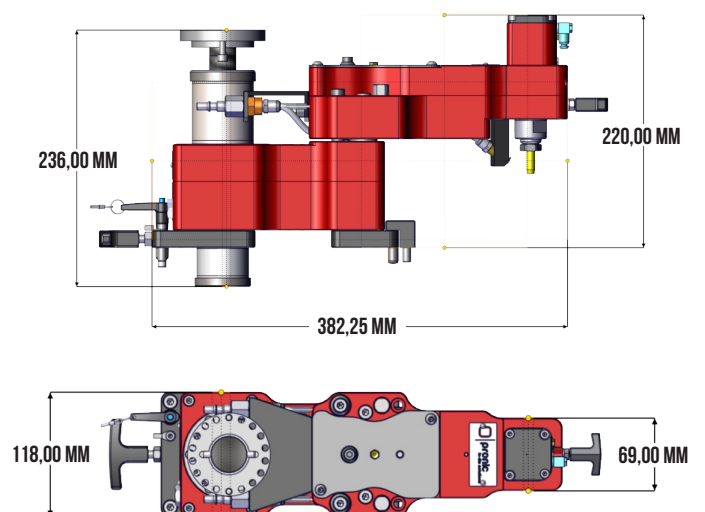
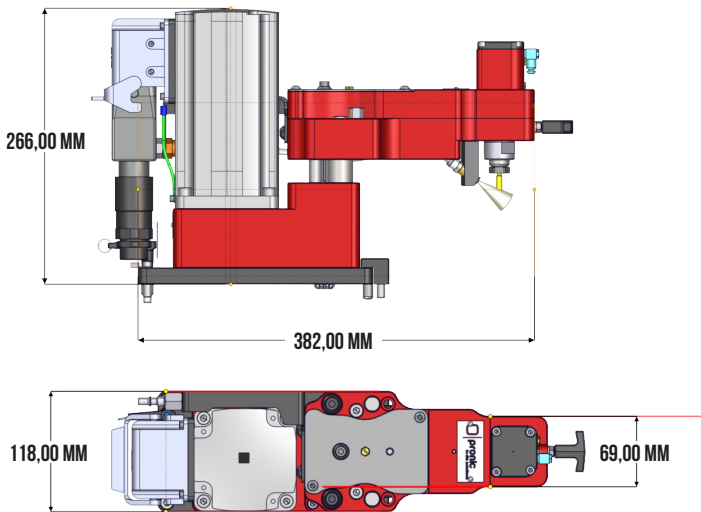
Torque monitoring during tapping is available with the Servo-driven unit. It flags the detection of tapping anomalies / irregularities by an over-torque reading (tight pre-hole, tap worn out or lack of lubrication) or by a low-torque reading (tap breakage, large pre-hole).

ADVANTAGES:

- **Ultra-light tapping head** for quick and easy tap change
- **Integrated strip height following feature** to make the die simpler (STS version)
- **Automatic tap setup position** for a quick, safe and easy installation (Auto-Setup)
- **Can be shared within several dies** thanks to the quick installation kit
- **Oil bath lubrication system** (mechanical motorization) for optimum performance and lifetime.
- **Tapping torque reading to monitor tapping issues** (with servo motorization).
- **Integrated clutch system** with a visual poka-yoke pin for higher safety and reliability
- **Can tap several diameters** by changing the detachable head

	ST2N	ST2S
Motorization	M* or E**	M* or E**
Tapping direction	↓	↓
Kinematic	Mobile	Mobile
Max tap travel	100 mm	45 mm
Tapping unit width	118 mm	118 mm
Interchangeable motorization	●	●
Detachable tapping spindle	●	●
Tapping torque monitoring with electromechanical motorization	●	●
Tapping lubrication by micro-spraying	●	●
Lubrication of the tap by the center	○	○
Tapping torque reading to monitor tapping issues (M5 and above with Servo-driven motorization), under certain conditions for multi-spindle units.	●	●
Adjustable gearbox	●	●
Automatic tap setup position (Auto-Setup)	●**	●**

● Serie ○ Option *Mechanical **Electromechanical



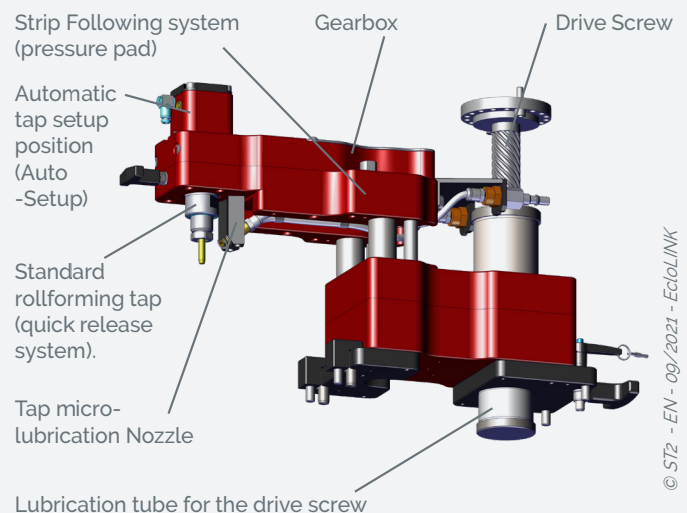
CHARACTERISTICS:

Tap dimension ¹	M5 to M12
Max speed	120 spm
Maxi press stroke ² (mechanical motorization)	450 mm
Max strip lift	100 mm
Width of the tapping device	118 mm

1 - BSP, TR, G, multi start threads...are also possible.

2 - For longer Tap travel, please contact us, we will use special lead screw.

STRENGTHS:



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