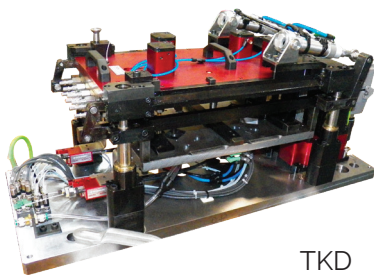
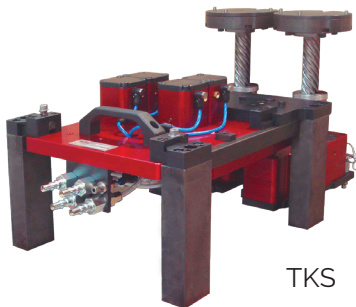
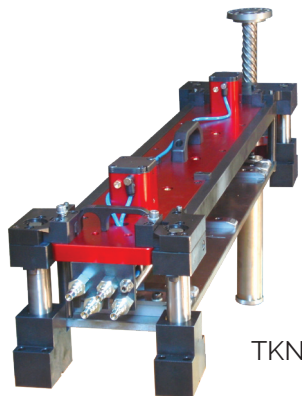


## The modular **TAPPING SOLUTION,** easy to integrate and use



**TK (Turn Key) tapping units with removable single or multitap head and built-in mobility functions.**

These tapping units are designed with a removable head and may be used for single or multi-tap applications. The tapping head is driven either by mechanical or by servo-driven motorization. The two-part design simplifies operations and enables quick tap change.

These units have been studied to integrate the commonly installed functions in the die directly and compactly in the tapping head.

According to the proposed version, the «TK» solution integrates the following functions:

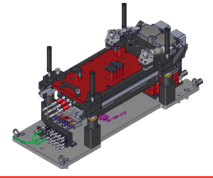
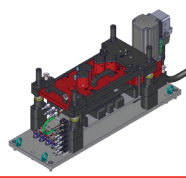
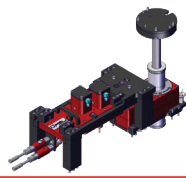
- Strip guiding,
- Vertical strip follow (strip lift),
- Quick approach of the tapping head and strip piloting.

### ADVANTAGES:

This made-to-measure turnkey solution is adapted to your die environment:

- **The kinematics are totally controlled:** full guarantee of operation and optimized tapping speed.
- **The tapping station design is simplified and quick to implement.**

- **Simple to use:** no specific tooling with the head and motor positions guaranteed by indexing marks and lightened head to ease its handling.



	<b>TKN</b> <i>Basic</i>	<b>TKS</b> <i>Essential</i>	<b>TKD</b> <i>Full featured</i>
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Simplified motorization solid mounted on the lower shoe	M* or E**	M* or E**	M* or E**
Tapping direction	↓↑→	↓↑	↓
Kinematic	Fixe or mobile	Mobile	Fixe
Max Strip lift	100 mm	45 mm	45 mm
Tapping unit mini width	170 mm	170 mm	200 mm
Quick installation kit	●	●	●
Tapping station made by	Toolmaker	Pronic	Pronic
Embedded vertical strip movement	-	●	●
Strip guide	-	●	●
Adjustable gearbox	●	●	●
Secure cartridge by recoil spring	●	●	●
Tapping lubrication by micro-spraying	●	●	●
Lubrication of the tap by the center	○	○	○
Quick approach of the tapping head	-	-	●
Quick approach stroke	-	-	18 mm
Lower shoe of the tapping station	-	○	○
Piloting of the strip	○	○	○
Automatic spindle adjustment	○	○	○

● Série   ○ Option   - Not available   \*Mechanical   \*\*Electromechanical

## CHARACTERISTICS:

Tap dimension <sup>1</sup>	<b>M2,5 to M12</b>
Max speed	<b>120 spm</b>
Maxi press race <sup>2</sup> (mechanical motorization)	<b>450 mm</b>
Max strip lift (TKS & TKD)	<b>45 mm</b>
Width of the tapping device	<b>170 mm</b>

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:

