

Automatic Tightening Technologies

Tixon from MTS



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SmartView



www.smartview.cz

Why choose TIXON from MTS?

- Rapid delivery
- Warranty and post-warranty service
- Readily available spare parts
- Reliability
- Unbeatable prices

Why we had to develop our own systems?

- Previous delivery times from standard suppliers were extremely inefficient, and could even be well over 20 weeks.
- Service and response times were also begrudgingly ineffective, and in most cases; we had to return the device to the supplier for recalibration.
- The delivery of just one modified part for a specific fastening could take up to eight whole weeks.

Why you should order TIXON?

- Delivery times for our tightening technologies and automatic screw feeders are a mere **8 weeks**.
- Warranty and post-warranty services are **available within 48 hours**.
- We ship standard spare parts within **24 hours**, and modified spare parts within just **7 working days**.
- Our automatic feeders have their own control units that efficaciously control the whole process from start to finish.
- Just one instruction is enough for a whole cycle to be performed by the device – profoundly **accelerating both launch and installation times**.
- Our automatic feeders are already equipped with both pneumatic and electrical circuits.
- We utilise a visual feedback system so that the user can easily determine the current volume of fastenings within the device.
- A backlit version of your company logo can be embellished on any of our automatic feeders for no additional cost.



Vibratory Feeders

1. Tixon Vibro

Tixon 08-AC

Includes both the control unit and the pneumatic valves, feeding initiated by one external instruction, visual feedback for the volume of fastenings, **volume 0.8 L.**

Tixon 08-NC

No control unit or pneumatic valves, has to be controlled by an external PLC, visual feedback for the volume of fastenings included, **volume 0.8 L.**

Tixon 1,1-AC

Includes both the control unit and the pneumatic valves, feeding initiated by one external instruction, visual feedback for the volume of fastenings, **volume 1.1 L.**

Tixon 1,1-NC

No control unit or pneumatic valves, has to be controlled by an external PLC, visual feedback for the volume of fastenings included, **volume 1.1 L.**



Vibratory Feeders

2. Tixon Pick and Place

Tixon 08-AC

Includes both the control unit and the pneumatic valves, feeding initiated by one external instruction, visual feedback for the volume of fastenings, **volume 0.8 L**, linear vibrating guide.

Tixon 08-NC

No control unit or pneumatic valves, has to be controlled by an external PLC, visual feedback for the volume of fastenings included, **volume 0.8 L**, linear vibrating guide.

Tixon 1,1- P_P-AC

Includes both the control unit and the pneumatic valves, feeding initiated by one external instruction, visual feedback for the volume of fastenings, **volume 1.1 L**, linear vibrating guide.

Tixon 1,1 -P_P-NC

No control unit or pneumatic valves, has to be controlled by an external PLC, visual feedback for the volume of fastenings included, **volume 1.1 L**, linear vibrating guide.



Sword Feeders

3. Tixon Sword

Tixon 1,0-ACS

Includes both the control unit and the pneumatic valves, feeding initiated by one external instruction, visual feedback for the volume of fastenings, **volume 1.0 L.**

Tixon 1,0-NCS

No control unit or pneumatic valves, has to be controlled by an external PLC, visual feedback for the volume of fastenings, **volume 1.0 L.**

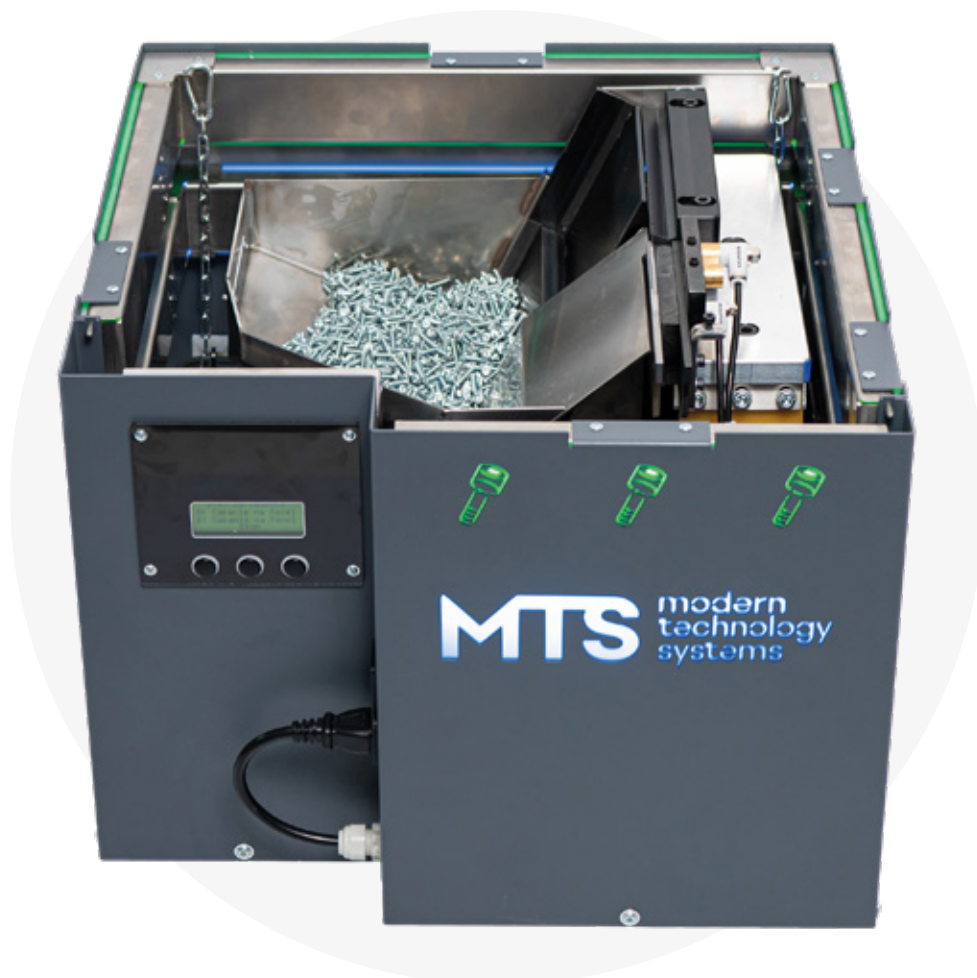


Vibratory Feeders

4. Tixon Step

Tixon 08-S_F-AC

Includes both the control unit and the pneumatic valves, feeding initiated by one external instruction, visual feedback for the volume of fastenings, **volume 0.8 L.**



Hoppers for Feeders

5. Tixon Hopper

Hopper for Feeders

24 V motor, and a start button to manually run the conveyor.



Tightening Technologies for Collaborative Operations

6. Tixon Compact

Tixon Compact

Suitable for collaborative operations
– **without a vacuum extension.**

Tixon Compact V

Suitable for collaborative operations
– **with a vacuum extension.**



Tightening Technologies for Collaborative Operations

7. Tixon Compact Special

Tixon Compact S90

Suitable for collaborative operations, without a vacuum extension, and a **fastening angle of 90°**.

Tixon Compact VS90

Suitable for collaborative operations, with a vacuum extension, and a **fastening angle of 90°**.

Tixon Compact S180

Suitable for collaborative operations, without a vacuum extension, and a **fastening angle of 180°**.

Tixon Compact VS180

Suitable for collaborative operations, with a vacuum extension, and a **fastening angle of 180°**.



Tightening Technologies for Machine Operations

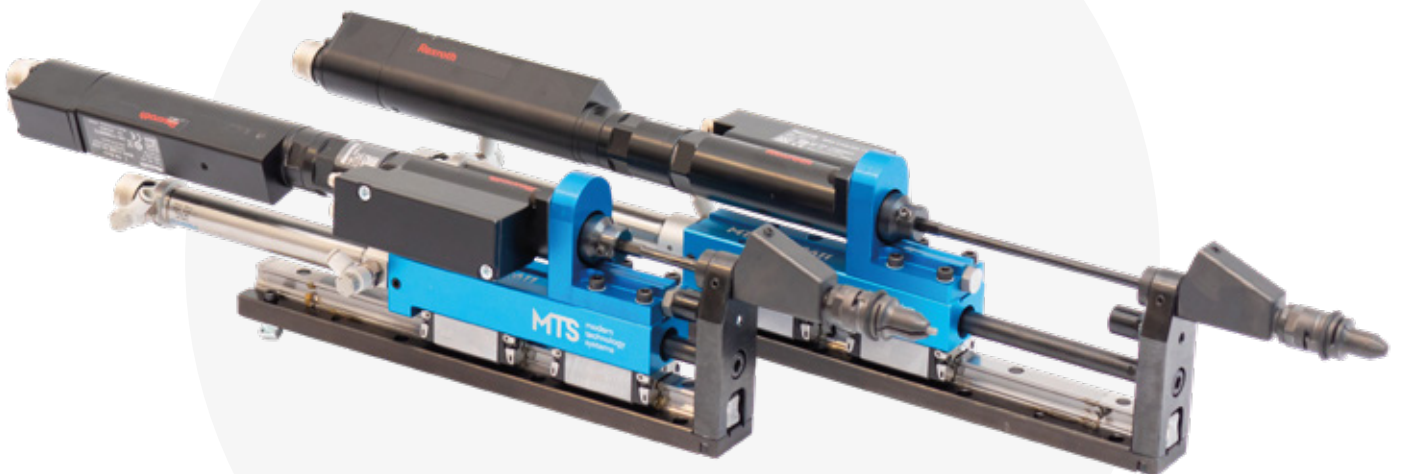
8. Tixon Classic

Tixon Classic

Suitable for machine operations
– **without a vacuum extension.**

Tixon Classic V

Suitable for machine operations
– **with a vacuum extension.**



Tightening Technologies for Machine Operations

9. Tixon Classic M

Tixon Classic M

Suitable for machine operations where additional movement is necessary
– **without a vacuum extension.**

Tixon Classic MV

Suitable for machine operations where additional movement is necessary
– **with a vacuum extension.**



10. Tixon Pick & Place Tool

Pick and Place

Suitable for machine operations where there is an issue guiding the fastenings through the distribution tube due to dimensional constraints.

Pick and Place CH

Suitable for machine operations where there is an issue guiding the fastenings through the distribution tube – **complete with the additional option of easily changing the tool**, and the tool recognition being smoothly automated by sensors.



Tightening Technologies for Manual Operations

11. Tixon Manual Tool

Tixon

Suitable for use by an operator to hasten the fastening process. The handle has a start button that is used to control the operation
– **without a vacuum extension.**

Tixon HV

Suitable for use by an operator to hasten the fastening process. The handle has a start button that is used to control the operation
– **with a vacuum extension.**



**We look forward to your questions
& cooperation:**

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