

ZOLLER TMS Tool Management Solutions Hardware

Smart Cabinets: »twister« Vending Machines

In combination with the »quickPick« control software the storage cabinets »twister« and »microtwister« provide for a transparent distribution and clear inventory control of your tool components and accessory parts.

ZOL-TWI-L ZOL-TWI-S

In the ZOLLER »twister« and »microtwister« vending machines cutting tools and indexable insert packages can be stored and controlled. Additionally MRO (maintenance, repair, operations) or PPE (personal protective equipment) items can be stored. The machine stores the articles in helix coils, which dispense the single units. »twister« comes in two different sizes as »twister« L and »twister« S. The »quickPick« control software is included and ensures the perfect control of your inventory and an easy distribution of your components with integrated access control. This guarantees control.

Benefits:

- Structured, systematic storage of tool components or accessories
- Control system for safe removal
- Circulation check and warehouse transparency
- Precise circulation control and stock/inventory transparency
- Systematic, accurate and documented distribution of articles

Requirements (electronic version):

A maximum of 9 ZOLLER Smart Cabinets can be installed in a series and can be operated with one controller.

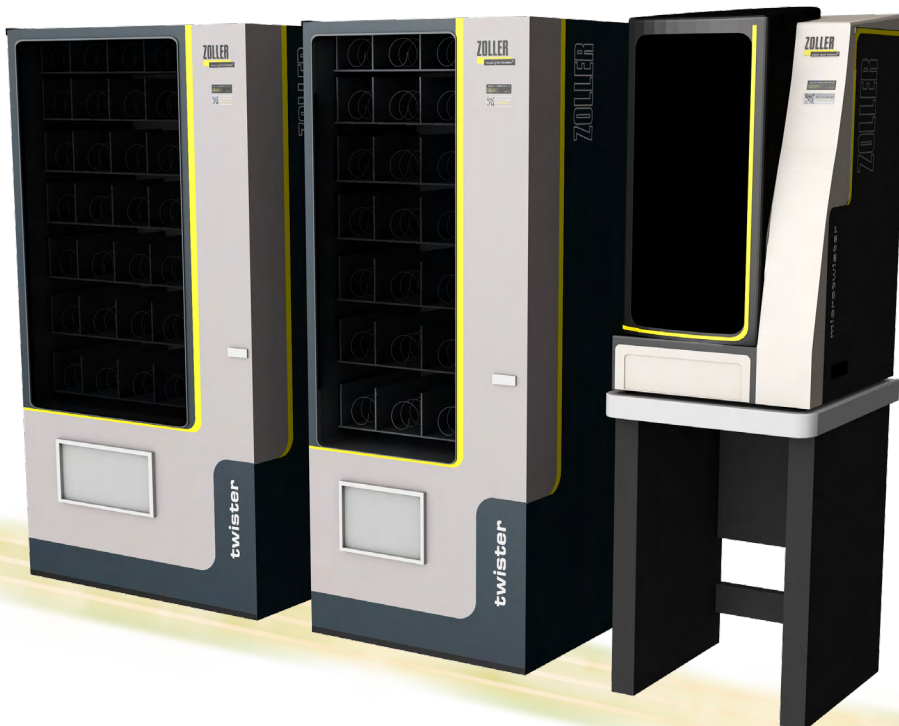
- Table electronics
- Separate »cockpit« operating unit
- TMS Tool Management Solutions workstation (external PC)

Software:

- ZOLLER Smart Cabinets base package (Art. No. 8712131)
- ZOLLER-TMS version 1.16.3 or higher, with interface 8774212
- Integration TMS (Art. No. 8712146)



»quickPick« control software with the table electronics (Art. No. WZV0003-01), the separate »cockpit« operating unit (Art. No. WZV0204-02), or the ZOLLER-TMS workstation



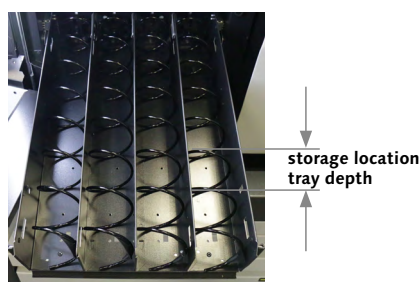
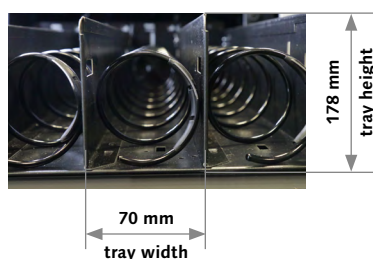
The ZOLLER »twister« vending machine series
»twister« L (left), »twister« S (center), and »microtwister« (right)



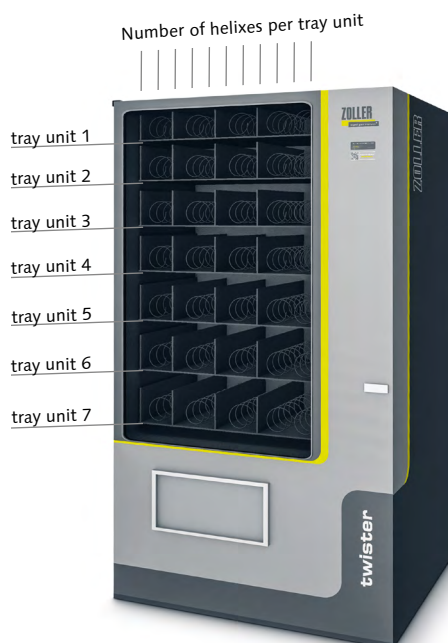
Operation of »twister« using the »quickPick« control software with table electronics, separate »cockpit« operating unit, a ZOLLER presetting an measuring machine, or a TMS Tool Management Solutions workstation.

Smart Cabinets: »twister« Vending Machines

In »twister«, there are seven tray units (»microtwister« six tray units) with different tray sizes arranged horizontally. Each tray unit contains four, six, or ten helixes. Depending on the helix winding, there are between 10 and 24 storage locations per helix. The maximum size of the storable components depends on the number of helix turns.



»twister« with tray units, helixes, and storage locations



»twister« L: 10 helixes per tray unit ^{1) 2)}								
	Configuration 1		Configuration 2			Configuration 3		
Number of Tray Units	6	1	4	2	1	2	4	1
Number of Storage Locations	24	18	24	18	15	24	18	15
Tray Depth in mm	23	31	23	31	33	23	31	33

»twister« S: 6 helixes per tray unit ^{1) 2)}						
	Configuration 1		Configuration 2		Configuration 3	
helixes per tray unit	7		5	2	3	2
Number of Storage Locations	17		17	12	17	10
Tray Depth in mm	19		19	26,5	19	33

»microtwister«: 4 helixes per tray unit ²⁾		
	Configuration	
helixes per tray unit	5	1
Number of Storage Locations	17	12
Tray Depth in mm	19	26,5

ZOL-TWI-L ZOL-TWI-S

»twister« L (large) Specifications:

- **dimensions (HxWxD):**
1830 mm x 990 mm x 910 mm
- **deadweight:** 247 kg
- **maximum loading weight per tray unit:** 36 kg
- **maximum loading weight per helix:** 4,5 kg
- **connection values:**
230 V / 50 Hz / < 1 kVA

»twister« S (small) Specifications:

- **dimensions (HxWxD):**
1830 mm x 724 mm x 750 mm
- **deadweight:** 190 kg
- **maximum loading weight per tray unit:** 36 kg
- **maximum loading weight per helix:** 4,5 kg
- **connection values:**
230 V / 50 Hz / < 1 kVA

»microtwister« Specifications:

- **dimensions (HxBxT):**
1030 x 565 x 635 mm
- **deadweight:** 81 kg
- **maximum loading weight per tray unit:** 36 kg
- **maximum loading weight per helix:** 4,5 kg
- **connection values:**
230 V / 50 Hz / < 1 kVA

¹⁾ The configurations of the »twister« vending machines differ in the number of helix windings. A tray unit is always equipped with the same helixes.

There are seven tray units per cabinet.

²⁾ The arrangement of the tray units is always in the respective configuration from top to bottom.

Eg „microtwister“:

Tray unit 1 to 5: 17 storage locations,
Tray unit 6: 12 storage locations