

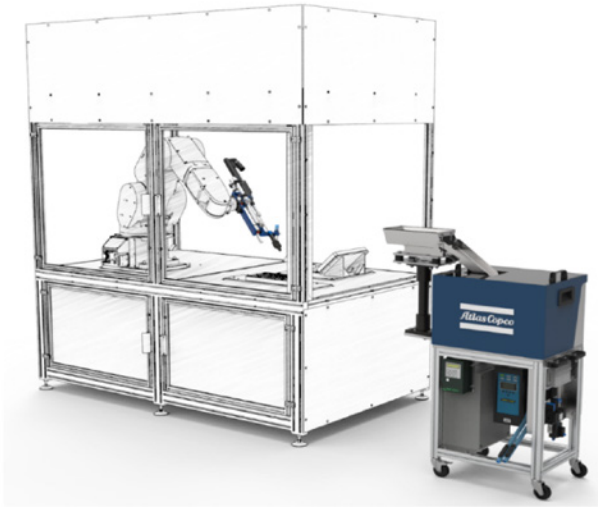
Atlas Copco

Atlas Copco screw feeding system



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Atlas copco tightening solution with automatic screw feeding is suitable for integration into robotic workstations and production lines. A complete solution with a vibrating feeder or step feeder and the proven **Atlas Copco QST** fixed spindle, or the **MicroTorque** system for small torque, guarantees stable production for the most demanding applications.



Vibratory feeder	Parameters	Step feeder
3- 24 mm	Thread	3- 6 mm
0,2-150N.m	Torque	2 - 34 N.m
0,5-3 liter	Feeder capacity	1-6 liter
1-5 sec/operation	Feeding cycle	>0,8 sec/operation
Yes	Closed system	Yes
Option	Hopper	Option
Option	Integrated screw length control	Option
Option	Screw vacuum cleaning	Option
Option	Vacuum for hard-to-reach places	Option
Option	Valve bridge	Standard or option depends on system
Option	PLC	Standard or option depends on system

Atlas Copco automatic screw feeding system

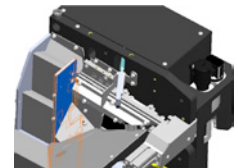
- Several types of spindles according to the requirements of the application
- Possibility of mounting in all positions
- Automatic and handheld applications
- Standard or vacuum
- 2 delivery variants
 - Without PLC for reprogramming with the integrator
 - Plug and play- including PLC, switchboard, programming, just plug in and screw
- Accessories:
 - Measuring the length of the screw
 - Vacuum screw cleaning
 - Hopper for larger screw capacity
- Long service interval
- Quick bit change without tools
- Narrow jaws for hard-to-reach places
- No maintenance tools required
- Delivery 6-8 weeks manual systems, 10-13 weeks automatic systems

Types of feeders

Vibratory



Step feeder



Utilisation

Standard screws without glue and special surface treatments

Standard screws
Screws with special surface treatment
Screws with integrated glue

Benefits

Lower price
Feeding any type of part

FIFO compliance, always remove the bottom screws
The feed rate is the same for different amounts
They do not damage the surface treatment or the adhesive
Larger supply of screws, integrated pre-magazine

Types of spindles

Robotic without Z-axis



Built-in with Z-axis



Manual



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