



Thread tapping equipment Accessories

Spindle feeding system

ZAP pneumatic **Z-Axis** spindle feeding system

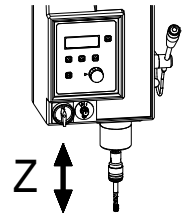
Start functions

AutoStart:

- **new automatic** auto start functions
- cutting force sense to start
- part location tolerance setting (Δ Delta-SZ)

Mounting
Air pressure
Air connection

at microtap or authorized agency
2-8 bar
Hose 4 / 6 mm / without service unit 4/6 mm



Free Floating Spindle

Drive unit is in hover situation

No lead screw / guidance cartridges

Control of the ingate strength

- **mechanical** counter-balance compensation
- low axiale power
- when operatet with piloted Z-axis pneumatic (ZAP), infeed device is automatically reset after gating of tool (tap point)
- production of thread independently of rise
 - low wear
 - no costs and time for changing leadscrew
 - no pitch faults through mechanical play
 - no broken tap, specially during changing in, the backward running
- in Z-direction incl. FZ- broached-power
- FZ & SZ- distance-controll (Δ Delta-SZ)



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