

# Single Workstations for Speed Fasteners

## 7539 Tool Series for ergonomic Workplace Layout

### Features and Benefits

The 7539 series can place the entire range of Avdel Speed Fastening® Systems and stand out for their ergonomic design. Rapid assembly makes them cost-effective, even with small batch sizes. Simple to operate, high mobility and easy integration into the production process are the main features. Time-consuming training of an operator is not necessary. The hydraulic riveting units provide a smooth and shockfree riveting, ideal for sensitive components. All tools only require compressed-air supply. Respective nose equipment has to be ordered separately.

### Type 7539-3000 (tool stand workstation)

This tool is used for “Top-Down” riveting requirements. The benefit: easy alignment of workpiece due to linear control and fatigue-proof operation. The tool is mainly used in a seated work position.

Operating radius: 240 - 6000 mm    Height of post: 1.150 mm

Pull-out length: 260 mm                      Hose length: 3.000 mm



### Type 7539-3001 (underbench workstation)

The 7539-3001 is integrated into existing assembly workstations. The tool is especially suitable for components with “Bottom-Up” riveting requirements. The components are positioned on the previously fed rivet. Jig points required for the components can be designed more easily.



### Type 7539-3005 (suspended tool)

For different riveting directions on the same component the tool is mounted via a balancer (balancer part-no. 78230-00005 has to be ordered separately). You can carry out up to 60 riveting processes per minute. An extension with a tool stand is optional. The tool weighs about 1.5 kg.



### Technical Data

Pull force @ 5.5 bar	3.9 kN
Cycle time approx.	1.0 s
Air pressure supply	5 – 7 bar
Free air volume required @ 5.5 bar	5.7 l

### Placing capability

Avdel Speed Fasteners from  $\varnothing$  2.4 mm (3/32") to 6.4 mm (1/4").



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