

# Fastener Assembly Stationary Tool (FAST) Oetiker FAST 3000

Recommended for the installation of WingGuard<sup>®</sup> Strap Clamps

## Benefits

- Direct closing force measurement
- Process controlled
- Easily accessible wear parts
- Residual free closing area
- Ideal for high production volumes



**Fast assembly process:** 3.5 s assembly time for typical airbag applications

**Easy to maintain:** approximately 5 min service time per 150,000 closures

**Safe & reliable closure:** enclosed and separated residual using AdvantEdge<sup>®</sup> technology

**Controlled assembly process:** integrable into customer SPS



WingGuard<sup>®</sup>



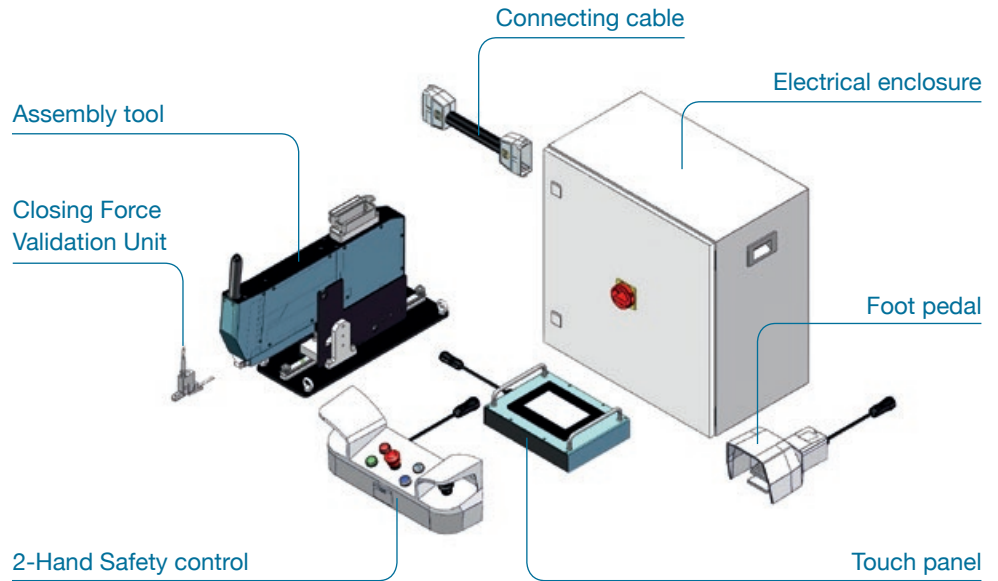
AdvantEdge<sup>®</sup>

SCOPE OF SUPPLY

- Electrical enclosure
- 2-Hand Safety control
- Assembly tool
- Connecting cable

Optional:

- Touch panel
- Closing Force Validation Unit
- Foot pedal



TECHNICAL DATA\*  
OVERVIEW

**Applied closing force (SK)\*\***

- Max.	2000 N
- Recommended	1850 N
- Tolerance (SK-T)	± 40 N

**Closing gap of crimpers (SS)**

- Tolerance (SS-T)	± 0.15 mm
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**Opening gap of crimpers (OS)**

- Tolerance (OS-T)	± 0.15 mm
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**Closure methodology**

Closing method  
“Force prior pulling and stroke prior closing”

DESCRIPTION

The stationary, electromechanical assembly tool Oetiker FAST 3000 is the dedicated tool to close Oetiker WingGuard® Strap Clamp 270. It ensures uniform closing forces. The result is a consistent, reproducible and permitted tensile load on the strip material, without overloading the individual components, the parts being clamped and the clamp.

The AdvantEdge® technology closing mechanism ensures a closure without harming the underlying materials or leaving debris. By using this tool, full process monitoring is available, including 100% data recording. Thus, this setup is ideal for safety critical applications like airbag assembly.

	Dimensions approx. (mm)	Weight approx. (kg)
Electrical enclosure	650 x 585 x 355	39.5
Connecting cable	2500	2.5
Assembly tool	650 x 50 x 180	30.0

\* Approximate information

\*\* Average applied closing force with nominal parts should not exceed this force.