

**TUCKER**

## TF 2X Feeding Unit

Stud feeding unit using a step lifting system

TUCKER®

## TF 2X Feeding Unit

### Stud feeding unit using a step lifting system

Stud feeding units are used in automated production lines where they are an important part of stud welding equipment. The TF 2X feed unit's uses a step lifting system that gently and cost effectively delivers the weld studs out of the bunker to the separation. The welding studs are fed to the separation block in the correct orientation and then fed to the welding tool with compressed air.

Tucker's feeding units are particularly robust and designed for maximum service life and reduced maintenance requirements. Their performance and therefore smooth production process are ensured by intensive tests for each new stud geometry.

The TF 2X is the appropriate feeding unit for all systems in which studs with standard or large flange are processed. With its high availability and process reliability, attractive acquisition costs and low maintenance costs, the TF 2X offers an optimum value for money.

#### That's why to use TF

- High process reliability
- Low maintenance requirements
- Optimized tool life time
- Attractive price
- Economical operation

#### Step Feeder TF 2X

Weld studs are lifted from the bunker by moving steps, which are sequenced in time with each other. The weld studs once at the top step, are then fed into the separation block in the correct orientation.

#### Other Tucker feeder types

- **TF 1X Vibratory bowl** for ground studs and large flange studs
- **TF 3X Drum Feeder** for T Studs
- **TF 4X Vibratory bowl** for Tucker Nuts



TUCKER®

# TF 2X Feeding Unit

## Stud feeding unit using a step lifting system

Specifications

Weight (without studs)	60 to 70 kg
Dimensions L x W x H	560 x 560 x 445 mm
Control voltage	24 V
Max. current consumption	600 mA
Power consumption	15 VA
Compressed air (operating pressure)	5 bar
System pressure compressed air	5–8 bar
Noise emissions	< 75 dB (A)

The welding studs are stored as bulk material in the bunker, the stud dimensions determine the frequency of the refilling processes.

Possible number of studs in the bunker

Stud type	
Standardflansch	7.000–13.000
Großflansch	3.500–7.000



Standard flange



Large flange

---

[www.bossard.com](http://www.bossard.com)