



komax

SCREWING SCREW TIGHTENING SYSTEM

The Screw Tightening System provides you with the safety-relevant screw connections to tighten with the correct torque and angle of rotation.

Screws/nuts in the vehicle, including the screw connections on fuse boxes, battery cables, etc., must be tightened with the correct angle of rotation and torque. Due to the positioning arm used, the tool can only perform a screw connection when the correct position is reached.

Features

- Torque/rotation angle exact screw connections
- Support of multiple torque controllers
- Operator guidance via CS WIN nx® test software
- Simple program/parameterization
- Exact position tightening
- Standardized interfaces

Equipment

- Torque control incl. tool
- Position arm with X/Y/Z sensors
- Customized test adapter
- Voltage and pneumatic supply

Measurements

- Torque/rotation angle
- Current monitoring
- Connection test

Technical data

Dimensions:	According to customer requirements Depth: 1500 mm Width: 1500 mm Height: 2500 mm
Tool (spindle):	Type-dependent: 0 - 100 Nm
Position arm:	Type-dependent: 600 - 1100 mm Opening angle: max. 120° Absolute encoder for the positions
Accessories:	* Test software CS WIN nx® X/Y/Z sensor control Socket wrench (bits) control PLC control Printer Barcode scanner Additional accessories on request

* Further technical details can be found in the product data sheets and on our website.

Options

Other models and sizes are available on request. The Screw Tightening System can be combined with all components and can be configured according to customer requirements.