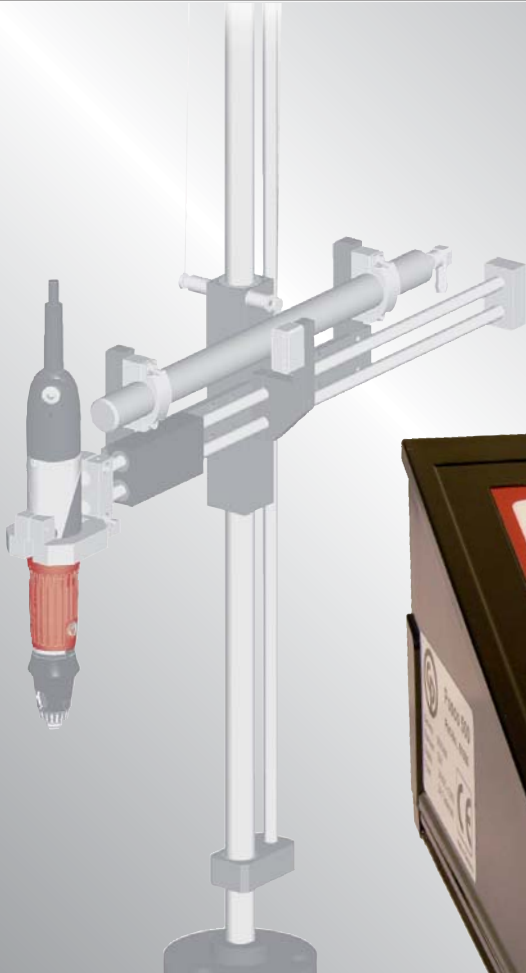




Industrial Tools



- Reliable and productive assembly process
- Sequences and positions are set and checked
- „Poka Yoke“ – equal quality even with changing personnel
- Flexible working structures

Posco 500

**Sequencing, Control,
Monitoring and
Positioning Unit**

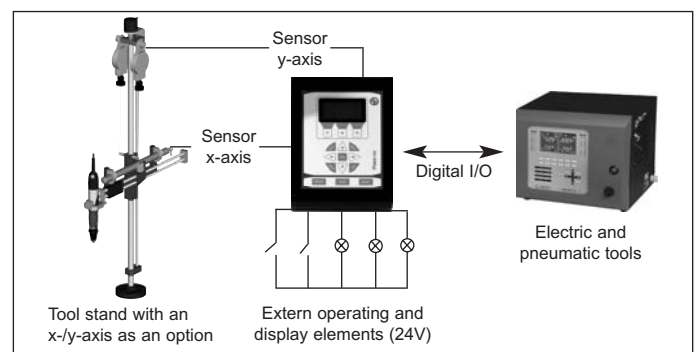
More reliability & flexibility at the work-place

Process reliability is the basis for more productivity. It is necessary to guarantee equal quality ensuring that personnel assignments remain flexible.

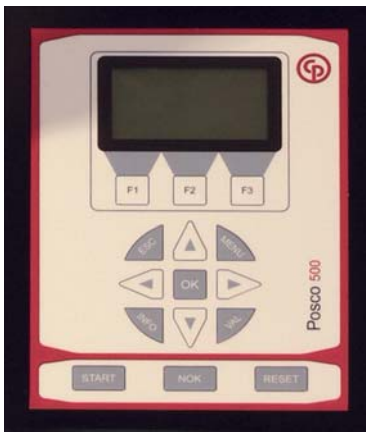
The solution: Posco 500, the new sequencing, control, monitoring and positioning unit.

The Posco 500 ensures that every assembly process can be accomplished using the "Poka Yoke" principle, making it "idiot-proof" and perfect. Operation is so simple, that long familiarization times are eliminated and productivity does not suffer even when personnel are changed frequently. The Posco 500 ensures that the specified operating sequence is observed and checks all assembly steps for completeness.

The Posco 500 has a **modular** design for **flexible** adaptation to your work processes. It consists of standard elements without special parts and is therefore economical and quickly available. Suitable for use with electric or pneumatic tools. No additional software or black boxes are required for programming (teach-in). Our professional programming offers worker guidance as an optional feature.



Posco 500 – everything under control



Sequence control and work place monitoring
(Micro Controller Technology)

Back-lit control and display panel, for clear and simple control (Invertible display, suits bench-top or wall mounting)

Control and monitoring of positioning stand
(available with one or two axes & optional feed support can be supplied)

Technical data:

- **64 Jobs** (components/assignments) manually or externally
- Memory for **800 steps/positions**
- **10 inputs and 6 outputs** standard, optional doubling possible
- **RS232 interface** (basic version) with link to PC and/or reader/scanner
- **Free sequence programming**
- **A number of tools and/or various tools** can be integrated into the sequence
- **Professional programming** with text display for worker guidance (optional)
- **FAS module** as tightening process monitor for pneumatic fastening (optional)
- **PC and barcode module** (optional)



Reliability & flexibility at the work-place

The modern workplace concept: Custom-tailored, modular, flexible and simply reliable

Our accessories can be put together to satisfy all your specific requirements for your assembly workstation. Simultaneously we offer the possibility of preliminary programming prior to dispatch for you. This applies not only for the Posco, but for all other modules as well (FAS, PC/barcode/LED). Ask us; we are always pleased to advise you.

POSCO AND ACCESSORIES

	PART-NO.
Posco 500	61000
Power supply 1,2A - 230 Volt	61100
Mounting set	61101
I/O Add-on card	61102
I/O distribution box	61110
Posco-KL cable	61111
Posco-CVI cable	61112
FAS module	61120
Solenoid valve	61121-1
Cable for solenoid valve	61121-2
Sensor kit (for 1 signal)	61122-1
Cable for sensor kit	61122-2
Professional programming	61125
PC and barcode module	61126
LED module	61127
Bit tray	61150



Complete workstation from one company

Tool stands:

For process reliability, ergonomic, productive

We offer two basic models of tools stands for standardized workstations. The stable and proven industrial version is available for torques up to 250 Nm. The position monitoring can be used horizontally and rotated. Upgrading with feed support and special features is possible.

Technical data:

- **Absolute value measuring technology:**
No reference point required, impossible to lose positions
- **Non-contact measurement** without toothed belts, i.e. no wear
- **High measuring accuracy:**
Horizontal ± 0.3 mm, Axis of rotation ± 0.46 mm

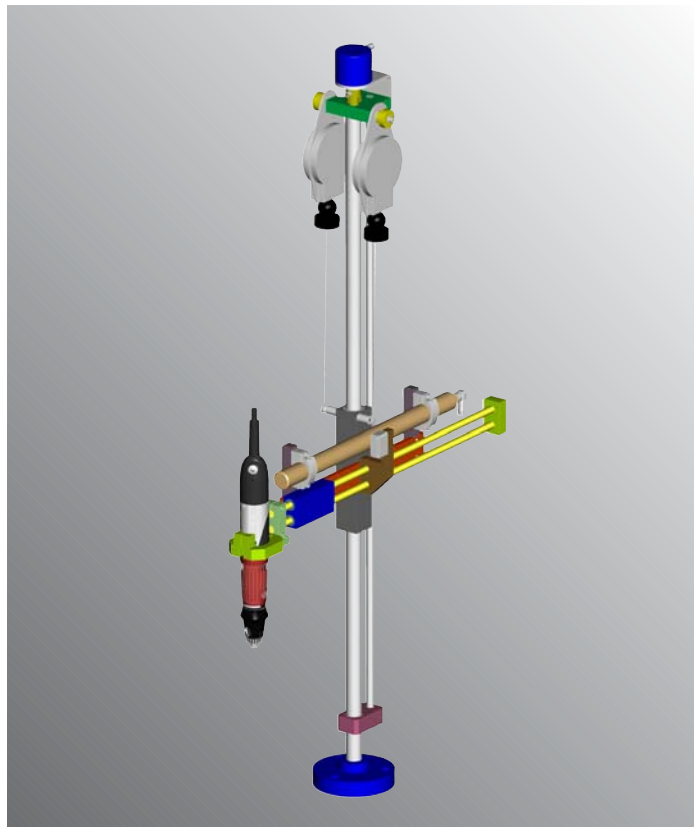
TYP E	D53	D53-70
Pivot range	360°	360°
Extension length	300 mm	440 mm
Reach	510 mm	600 mm
Height	1130 mm	1140 mm
Max. capacity	35 N	50 N *
Max. torque	15 Nm	70 Nm

* Also available as special version for 150 N.

Special versions for higher torque available on request!

MODELS

PART-NO.	D53	D53-70
Standard	388163	62000
x-axis	61130	61135
y-axis	61131	61136
x/y-axis	61132	61137



The reliable supplement for Posco

LED module for signaling assembly positions



This module uses LED's to show the operator the position to be moved to next to maintain the specified sequence.

- Top hat rail module for installation in distribution box (optional)
- For control of max. 31 LED's
- Actuation of one LED at a time
- 2 operating modes possible:
Analog/parallel, 5 Digital inputs (BCD)
Serial, 2 Inputs (Posco)
- Extremely simple programming with Posco
- Dimensions: 65 x 72 mm

Bit tray: The tool selection box for 6 bits

The tool selection box can be used in two operating modes:

1. With Posco preselection of tool via box inputs (serial coded signal; 2 Outputs, one input on Posco 500).
 2. The tool slot is linked to a fastener control program (binary or BCD coded parallel signal; 6 inputs and 6 outputs).
- 1/4" hex. drive for 6 bits*
 - Up to 5 modules can be connected in series
 - Control via digital 24 volt input and output interface
 - Compatible with Posco, (TWIN)CVI, CVIS, CVIC

* Other drives available on request!





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