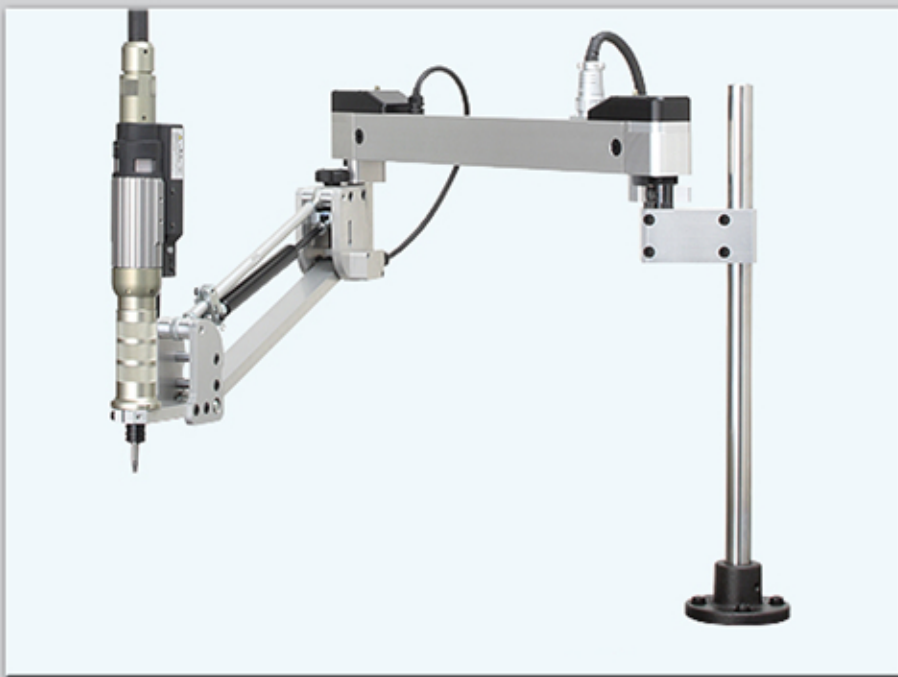


# Tracer Arm



Improves the operating efficiency and provides high-dimensional traceability by associating the fastening torque with the fastening position  
Standardized components and simple station setup result in lower costs  
Ergonomic design facilitates processes by reducing the workload to the operator

→ Fives Cinetic, at the core of innovation



Engineering and manufacturing custom assembly and test solutions for over 40 years

*Fives Cinetic's priority is to provide our customers with flexible options in manual operations*

## ■ Tracer Arm Features

- Assisting arm with position detect function for Handy2000
- High dimensional traceability by associating fastening torque with fastening position
- Reliability control for processes
- Error-Proofing in processes where fastening sequences and fastening positions were specified based on operating instruction
- Reliable quality control
  - Double fastening prevention at same position
  - Sequence fastening
  - Changing channel at different position
- Eliminates reaction force against operator
- Error-proofs manual operations
- Improved operating efficiency
- Simple system configuration
- No PLC required



▶ Tracer Arm with Handy 2000

## ■ The Cinetic Advantage

### Full Traceability

- Five Cinetic's tracer arm along with the Handy 2000 guarantees full traceability as well as real-time monitoring of your production.

### Improved Flexibility

- Systems are easily setup and standardized components allow for short delivery times.

### Cost Reduction

- Position control is managed solely by the trace control unit, therefore no external PLC is needed. No assistance in setup needed given its simple and fast implementation.

Technical Data	Workpiece Specifications
Applied Torque	1~ 55 N · m
Arm Length (Standard)	500 mm × 500 mm
Weight of arm main body	5.5 kg
Number of registrable work pieces	99 types
Number of registrable position (per type)	63 positions
Repetitive position detection accuracy	±1 mm
Recommended work space (W x D x L)	1000 mm × 700 mm × 330 mm