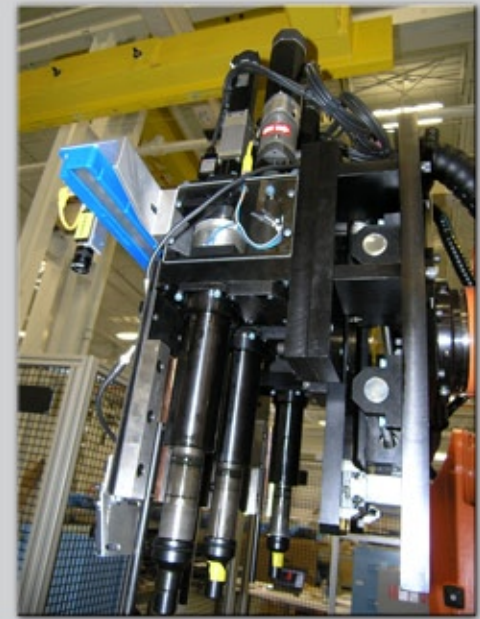




fives cinetic

TRUTIGHT™

Fastening Systems



Cinetic Automation is a full integrator manufacturing complete turnkey systems
Servo nutrunner with high speed capability (15,000 rpm) - providing for a shorter cycle time
Compact unit design based on the idea of space-saving installation
TruTight is a proven reliable and durable fastening system

→ 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 fastening applications

High Performance Fastening System

Cinetic Automation brings TruTight high performance fastening equipment to the industry. With a sequence program capability of twenty steps and thirty-one programs, its flexible system structure and high speed fastening is sure to reduce cycle times and increase productivity.

TruTight maintains its reputation as an industry-leading fastening tool given its proven durability and reliability. Cinetic Automation is a full integrator, manufacturing complete turnkey systems with this highly effective servo nutrunner.

Model	Tool Selection		Control Unit
	Max. Torque (N m)	Max. Speed (RPM)	
ENRZ-TU001-S	10	1224	ENRZ-AU40-10
ENRZ-TU001-O			
ENRZ-TU003-S	30	468	
ENRZ-TU003-O			
ENRZ-TU008-S	80	714	ENRZ-AU40-20
ENRZ-TU008-O			
ENRZ-TU013-S	130	500	
ENRZ-TU013-O			
ENRZ-TU020-S	200	291	
ENRZ-TU020-O			
ENRZ-TU040-S	400	148	ENRZ-AU40-40
ENRZ-TU060-S	600	113	
ENRZ-TU080-S	800	83	

■ Features

- **Variety of tools for various applications**
 - Bent-type
 - Offset type
 - Angle head type
- **High speed capability (15,000rpm)**
- **Range of 1 N·m to 800 N·m covered by 10 tool units**
- **Compact**
 - Compact unit design based on the idea of space-saving installation
- **High Accuracy Servo Control**
 - Incorporates a 32-bit CPU for increased internal processing speed
- **Self-Diagnosis Function**
 - Prevents fastening errors by displaying error that is detected
- **Various Communication Interfaces**
 - Applicable to various types of fieldbus (DeviceNet, Profibus-DP)
- **User Friendly**
 - Excellent user interface having high operation ability
- **Front-concentrated wiring with due consideration of speedy maintenance**
- **Available to a wide range of fastening methods such as torque, angle and yield methods**
- **Use of high quality torque transducer with tool ID and built-in preamplifier**
- **Monitors torque rate assessment and zone assessment**