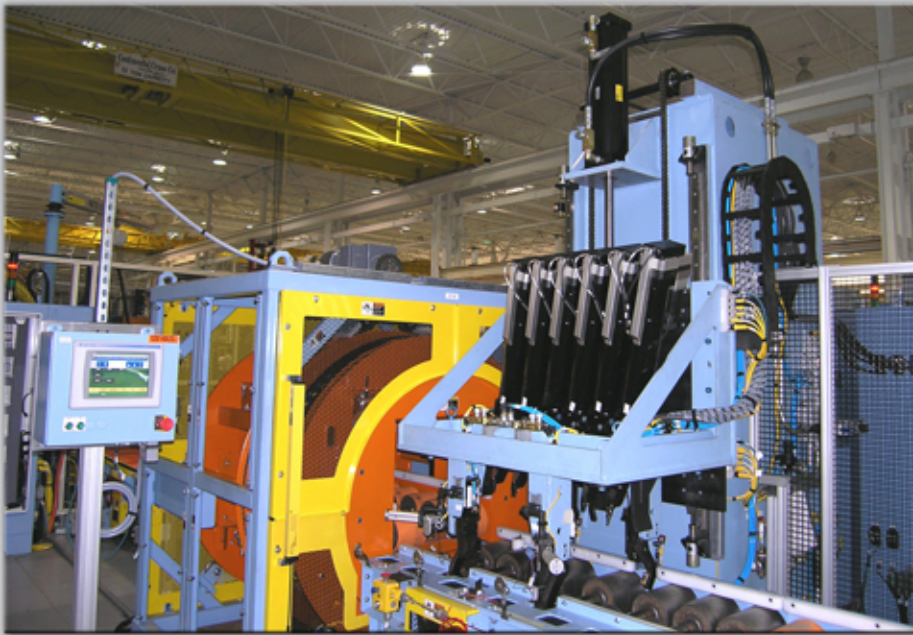


# TRUPRESS™

*Servo Press Systems*



Reduction of energy consumption and noise with superior features of a servo motor drive  
Controlling load, position, speed, and time with high accuracy optimizes production cycle time  
System configuration is simple-consisting of tool, controller and cable  
User friendly parameter input enables short setup times

→ Fives Cinetic, at the core of innovation



Digitally controlled pressing for precise results

*Fives Cinetic's priority is to provide our customers with flexible options in pressing applications*

## TRUPRESS Applications

- Press-In
  - Bearing
  - Valve Guide
  - Valve Seat
  - Plugs
  - Bushing
  - Pin
- Crimping
- Straightening
- Fitting
- Punching
- Positioning

## Features

- Environmental Consideration
  - 10-20% lower energy consumption compared to air or oil powered presses
- Production improvement
  - Feeding back real time operation conditions prevents damaging work object
- Safety Design
  - Internal brake holds ram from free fall in case of power failure
- Traceability
  - A large range of data is collected allowing for full traceability

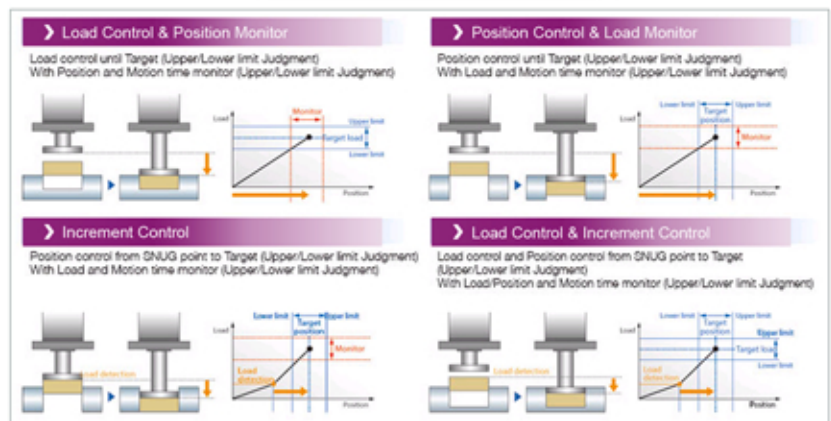
## TRUANALYSIS Software

- In-process Test Verification
- Multi-Analysis Capability
  - Envelope (Waveform) Analysis
  - Discrete Analysis
- Real Time Monitoring and Control

## Press Tool

Model*1	SPT005-20	SPT010-25	SPT020-25	SPT030-25	SPT050-30	SPT100-30
Pressing Capability (kN)	5	10	20	30	50	100
Consecutive Press Rate (kN)	2.1	4.2	5.6	6.9	10.2	52.4
Max. Stroke (mm)*	200	250		300		
Max. Feed Speed (mm/sec)	345	310	225	200	121	114
Max. Press-in Speed (mm/sec)	80	76	60	46	27	85
Repeatability (mm)	±0.01					
Press Repeat Accuracy	3σ/X = 2% or lower					
Size (mm)	541	676	724	777.5	924	1175
Weight (kg)	16	39	44	70	115	352
Control Unit to be combined	SPU45-20	SPU45-40		SPU45-5K		

## 4 Modes of Control



## System Diagram

