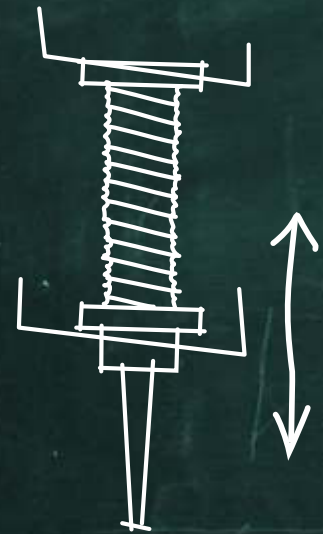


# The Ball Screw!

The heart and soul of The PressOne



# PressOneSert P1s-5

Modern technology for fastener insertions powered by servo motor driven ball screw

- Requires only electricity
- No oil, no hydraulics
- Insertion force adjustable
- Adjustable ram stop
- Rapid cycle speed
- PressOne TC12 Control
- Easy and simple programming by 12" touch screen
- Consistency and extremely fast set up time

**LOW OPERATING COSTS.** Thanks to the modern servo drive system, the average power consumption of the PressOneSert is less than 0,1 kW. The absence of a hydraulic system eliminates expensive hydraulic fluid changes, spare parts, valves and maintenance expenses, common to hydraulic fasteners.

FULL  
ELECTRIC  
NO  
OIL



TC 12 touch screen control on swing arm for easy operation. With unlimited program capacity and tooling wizard database.

Safety sensors mounted on ram head ensures fast and safe production cycle.



Operator friendly and powerfull TC 12 control. Easy to use and also allows modifications according customer demands. With programmable insertion speed for soft and fragile parts.



PressOne inserting machine .....compact and powerfull package.

MADE IN FINLAND





Technical data	P1s-5	P1s-10
Max pressing force, kN	2 - 50	2 - 100
Pressing technology	AC servo driven ballscrew	AC servo driven ballscrew
Motor power, kW	0,6	3
Max opening/approach, mm/s	50	120
Max pressing speed, mm/s	10	10
Repeatability of force setting	+/- 1%	+/- 1%
Throat depth, mm	470	620
Stroke length, mm	210	230
Fastener range	M2 - M10	M2 - M10
Control	P1S TC12	P1S TC12

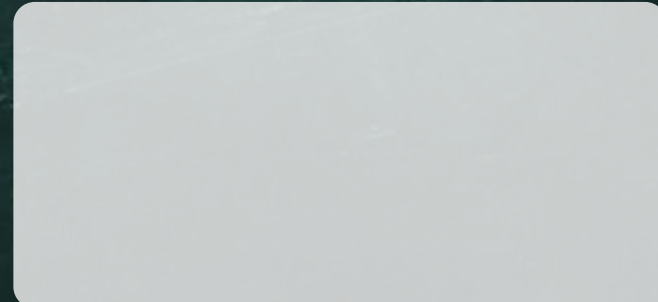


*4-station turret-carousel to hold fasteners. Also available with swing arm cup table for easy pick up of parts.*

**MADE IN FINLAND**



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# PRESSONE

THE POWER OF PRECISION

**AUTOMATIC  
FASTENER  
INSTALLATION  
PRESS**

