SEP-10T POWDER PRESS

Ten Ton Servo Electric Press

The SEP-10T Servo Electric Press solves your powder compacting production problems with Teflon, plastics, ceramics and metals. The servo-driven machine saves valuable space on your factory floor, taking up only 25% of the area of a typical hydraulic-driven machine. Parts come out cleaner because there is no oil or hydraulic fluid in the system, so your finished product can't be contaminated. The SEP-10T's precisely-controlled servo motors allow you to have a more reliable process than with a hydraulic system resulting in predictable production rates and material usage.

SEP-10T

Compared to Hydraulics

75% Smaller Footprint

Predictable Production Rates

Better Controlled & More Reliable Process

No Part Contamination With Oil/Fluid

CUSTOM AUTOMATION & MACHINERY

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SEP-10T
POWDER PRESS

Ten Ton Servo Electric Press

- 10-ton pressing capacity
- 2 pressing axes
- 1 servo escapement for finished part
- Die plate stationary during part ejection
- Quick setup and in-machine tool change
- Precisely controlled closed-loop hold-down force
- Zero backlash guiding systems
- Low energy consumption
- Quick clamping systems
- Footprint: 60" x 48"
- Height: 106"
- Power: 240-480V, 3-phase, 50/60 Hz, 35 KVA

Process

- 24 recipe capacity
- Processes Teflon, plastic, ceramic, metal powders
- 3 pressing modes: opposed upper, opposed lower, electronic gear tandem
- Material feed system
- Material storage compartment
- Servo-driven part conveyance
- Material consumption reports

Quality

- 3 quality checks: pressure, height, density
- Process runtime data

Options

- Storage compartment dehumidification
- Vision system inspection, post press
- Reject systems
- LASER or optional part marking
- Part serialization
- Robotic part handling for post processes, sintering
- Material consumption reports

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