

# OAK FIN PRESS | FP-1000

The Standard for High Production



## OAK FP-1000 FIN LINE

The OAK FP-1000 fin production line provides a high production solution for manufacturing quality fins. This 112 ton (1,000kN) rated press provides enough stamping power for the most demanding fin designs, while remaining flexible for quick die change options. The line features new elements in stock feeding, lubrication and fin collection all geared toward ease of operation and increased productivity.

### PRODUCTION

160 to 400 SPM  
using a 2, 4, or 6 progression fin die  
\*Application Dependent

### FOOTPRINT

≈ 3.7 m x 10.1 m  
≈ 12' x 33'

### WEIGHT

≈ 15,200 kg  
≈ 33,510 lbs

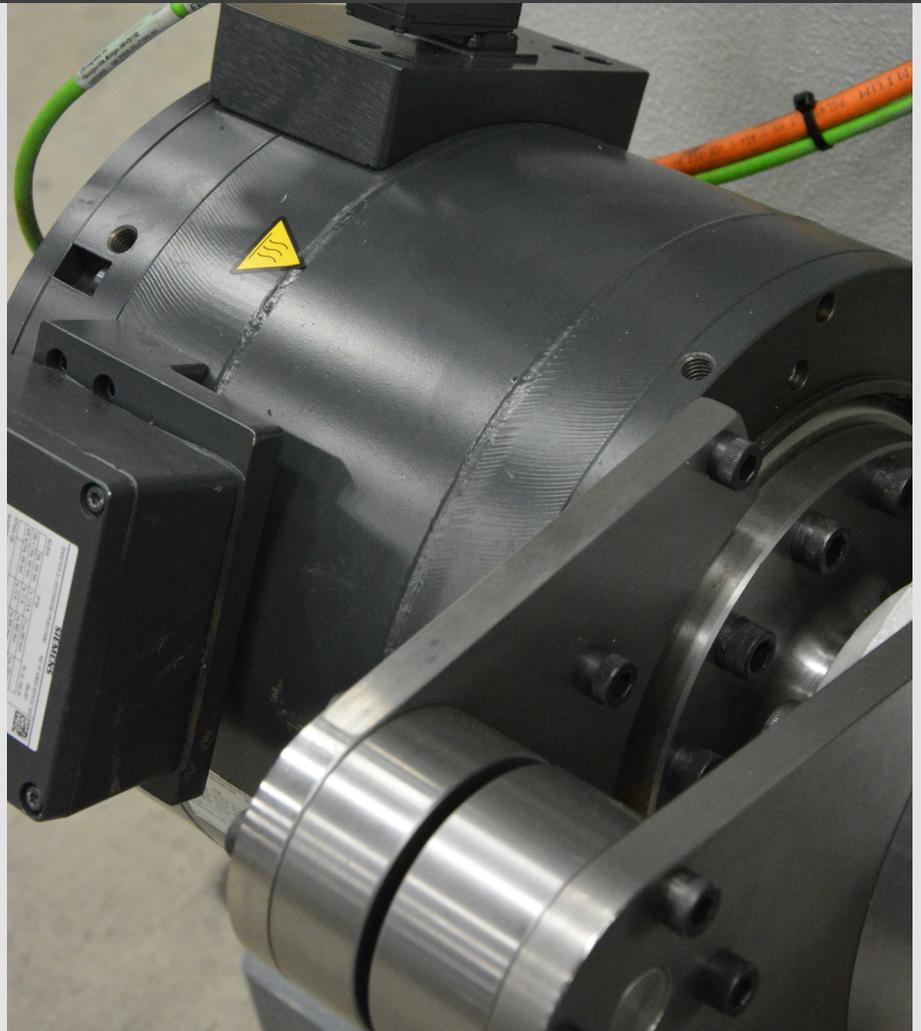
### AIR

120 ft<sup>3</sup>/min at 85 psi  
(3.4 m<sup>3</sup>/min at 5.51 bar)

### POWER

64 kW @ .80/.82 PF  
24 VDC Controls

\*\*Foundation information supplied upon request



**MAXIMUM FIN LENGTH**

108" (2,742 mm)

**MAXIMUM FIN WIDTH**

37" (940 mm)

**SHUT HEIGHT**

9" (229 mm) to 13" (330 mm)

**STANDARD STROKE**

1" (25 mm) to 2" (51 mm)

The FP-1000 press series has a bed size of 54" X 48" (1372 mm x 1219 mm)

**Economic Advantages**

- 112 ton press in a compact design saves space.
- High production capabilities.
- Dynamically balanced for less vibration, therefore reducing maintenance.
- Electronic feed reduces setup downtime thus increasing overall production.

**Technical Advantages**

- 4-point load on slide ensures accurate load distribution to produce consistent fin dimensions across the die.
- Hydraulic withdrawal system allows routine maintenance without removing the die from the press.
- Adjustable shut height can be either hydraulic or mechanical.
- Programmable Logic Controller (PLC) stops fin production automatically when a predetermined number of fins have been stacked.

**User Advantages**

- Can be modified to allow a maximum stroke length of 3" (76 mm) if necessary.
- Will operate high production fin dies.
- Electronic feed requires less training for operator competency.
- Perform maintenance without using a forklift or crane to remove the die from the press.
- Includes new features for stock feeding, lubrication and fin collection to increase ease of operation and productivity.
- Program the fin length from the touch screen control panel.
- Operator touch screen controls can be configured for different languages.