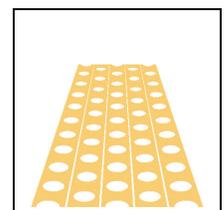


MODEL HFP Fin Press



The Tridan Model **HFP Fin Press** is engineered for use by high volume manufacturers of heat exchanger coils. It combines traditional mechanical press frame technology with a state of the art slide guiding system and operator friendly controls to form a unique press to run fin dies.

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Customer Driven Designs

Fin Line

TRIDAN MODEL HFP

The Model HFP press has features that improve productivity by decreasing set-up time and increasing ease of operation. It has the rigidity required to insure parallelism of the top and bottom shoes of the fin die and it has the reliability that is demanded of today's manufacturing environment. The HFP fin press design represents a culmination of concepts and features requested by operators and manufacturing engineers. Who knows better than the people that use fin presses what a fin press should be?

- ❖ All frame components are cast from "ductile" iron and secured together with pre-stressed tie rods.

- ❖ Total deflection of the bed and slide is less than .0005 inch at 80 tons load. (Load distributed over 80% of area)

- ❖ Slide parallelism is maintained by re-circulating, pre-loaded roller bearing units running on heat treated vertical ways.

- ❖ Internal die components can be reached by activating the "QUICK DIE ACCESS" which will withdraw the slide and top half of the die up to 10 inches.

- ❖ The feed mechanism does not require disconnecting to access, or raise, the slide and top die half.

- ❖ Slide and upper die weight are counter balanced by durable air bladders and can be adjusted for different sizes via an air pressure regulator.

- ❖ Press shut height is adjustable to accommodate different dies.

- ❖ An automatic press lubrication system is provided as standard.

- ❖ The control system is P:C based and employs a resolver to sense eccentric shaft position.

- ❖ Lighted enunciator panel provides the operator with quick visual reminders of alarms and operating conditions.

- ❖ An easy to use operator interface allows quick input of part parameters and optional settings.

- ❖ Timing settings for the "Progression Changer", "Vacuum Door Open" and "Vacuum Door Close" are adjustable at the control panel, while the press is stroking.

❖ SIZE

- ❖ Bed-48-1/4 left to right x 36 front to back
- ❖ Slide-44-1/4 left to right x 36 front to back
- ❖ Slide adjustment 4 inches
- ❖ Quick Die Access 9-1/2 in. max. (for 1 - 1/2 stroke press)
- ❖ Shut Height 9 in. min-13 in.max. (bottom of slide to top of bolster)

❖ TYPE

- ❖ Two connection, plain bearing with pressurized oil lubricating system for the eccentric shaft and connecting rods.

❖ RATING

- ❖ 0.040 inch from bottom @ 80 P.S.I.
- ❖ 11.83 inch tons (1971 ft.lb.)energy, @ 250 S.P.M.

❖ SPEED

- ❖ 175-350 Strokes Per Minute.

