

NEW

Vipros 3510NT & 3610NT

High Speed Hydraulic Turret Punch Press



Combining the latest developments in CNC, machine and hydraulic punching technologies, the Vipros III is specifically designed for the high speed production of short-run sheet metal parts, especially those that incorporate forming. Up to a 20% increase in hit rate and sheet positioning speed over Vipros II model.

VIPROS 3510NT & 3610NT Standard Features

- High Speed Punching - newly designed hydraulic servo drive (rotary direct valve) improves hit rate, 410 HPM on 1" centers and 3000 SPM marking system
- 100" X-axis table can process 8' sheets without repositioning, reducing process time and improving accuracy
- Higher positioning speed improves productivity
- Brush table design provides scratch-free processing, eliminating secondary finishing, and also minimizes noise during positioning
- Free-standing, PC-based network CNC Control allows for flexible layout
- Increased turret feed clearance -- .984" accepts higher forming process



Four Auto Index Stations Two 1¼" and Two 4½"

- Provides maximum flexibility by simplifying tooling inventories and reducing tool setup
- Tools are rotatable in 0.01" increments enabling the processing of complex shaped parts with the minimum number of tools

Machine Options

- ◆ High speed punch and form (P&F) offers enhanced forming capabilities
- ◆ 19.7" x 19.7" work chute - micro jointless processing of parts



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Features/Specifications

Advanced Tooling Design

Amada's high quality, solid-body tooling provides the precision and durability necessary to maximize turret punch press productivity.



Free-Standing CNC Control

- PC-based Windows© control
- Network compatible
- RS-232 port
- Retractable keyboard



Technical Specifications

| | | |
|------------------------------|---------|--------------|
| Press capacity: | | 33 U.S. tons |
| Axis dimensions: | (V3510) | 50" x 100" |
| | (V3610) | 60" x 100" |
| Max. material thickness: | | .125" |
| Axis table speed: | (X) | 3,937 IPM |
| | (Y) | 3,150 IPM |
| Hit rate 1" centers: | | 410 HPM |
| Hit rate - marking function: | | 3000 SPM |

Turret Configuration

| | Max. size of round | | # of stations (keyed) |
|-------|--------------------|----------|-----------------------|
| A | 1/2 | 12.7 mm | 24 (16) |
| B | 1 1/4 | 31.7 mm | 24 (24) |
| C | 2 | 50.8 mm | 4 (4) |
| D | 3 1/2 | 88.9 mm | 2 (2) |
| G | 1 1/4 (AI) | 31.7 mm | 2 (2) |
| J | 4 1/2 (AI) | 114.3 mm | 2 (2) |
| Total | | | 58 |



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