**Boschert Model QUATTRO 1500
CNC Punching Machine with**

**Fully Automatic Sheet Loading & Unloading System**



**Main Features**

* Four Punching Heads, 36 tons each, Trumpf Style Tooling
* 5’ x 10’ sheet size
* Fully automatic loading and unloading of 5’ x 10’ x up to ½” thick sheets

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**Fully Automatic Sheet Loading & Unloading System**

Working range without repositioning 60” x 120”

Maximum punching force 36 Tons

Type of tooling used Trumpf

Maximum punch diameter 4.1” or any shape within

Maximum material thickness – standard clamps (Option: 0.500”) 0.250”

Maximum weight of sheet in clamps 880 lbs.

Maximum stroke length (Programmable) 0 - 3.54”

Maximum strokes per minute 400 spm

Positioning accuracy +/- 0.002”

Positioning repeatability +/-0.001”

Positioning speed (adjustable)

 X – Axis Maximum 2,350 ipm

 Y – Axis Maximum 1,100 ipm

Tool change time, Manual 15 seconds

**Included optional equipment:**

* Extra heavy-duty X-axis for 400kg sheet capacity
* Trumpf locking die holders for each station
* High speed hydraulics with oil chiller
* Vacuum slug removal
* Automatic tool lubrication
* Extra clamps
* Ball supports in the table

**Pneumatic loading system**

* **Heavy duty design**
* **Fully integrated with the punching machine**
* **Capacity to load 450kg sheets**

**Current Cost to replace $595,000.00**

**Warranty:** Full one-year parts and labor warranty against defects in material or workmanship.

**Delivery:** Available immediately

**PRICE**, On location in Illinois, USA **$355,000.00**

**Cost to prepare for loading $5,000.00**

**Boschert Model QUATTRO 1500**

Control Features:

1. CNC software: Boschert graphic programming
2. Control display: TFT 10.4” color display
3. Control Features:
4. 50 part program storage capacity in control memory
5. Extended storage device with capacity of

approximately 100,000 programs (256mB) on hard drive and the included SD card. In addition, there is a USB port at the operator pendant.

* Includes LAN connection easily integrated to your computer network.
1. Automatic stroke and part counter
2. Automatic “clamp find” function
3. Automatic referencing upon start-up
4. Both axes move simultaneously with programmed priority for either axis
5. Tooling list capacity of 500 tools with graphic support
6. Automatic punch power control
7. Canned cycles including single hole, row of holes, hole circle, mirror image
* Notching (up to 3 steps)
* Rectangles • Mirror image • Zoom
* Remove waste • Sub-programs • Bolt-hole circle
* Nibble circle • Matrix of holes • Ellipse
* “V” belt shapes • Contour program (Rotation station only)
* Piece counter • Engraving

**OTHER FEATURES:**

Pneumatic material clamps, Safety light barriers around machine, automatic repositioning,

**GENERAL SPECIFICATIONS:**

Height of table above floor 35”

Approximate floor space required 26.5’LR x 21.5’FB x 83”High

Hydraulic oil reservoir capacity 42 gallons

Electric motor for hydraulic system 15 HP

Approximate weight of machine 35,000 lbs.

Color RAL 5017 Blue

Connected voltage 480/3/60