



## MASTEEL CNC HYDRAULIC SWING BEAM SHEARS

**MSH-12500**

List Price:

<b>Capacity Mild Steel</b>	1/2"
<b>Cutting Length</b>	12'
<b>Throat Depth</b>	8"
<b>Back Gauge</b>	36"
<b>Front Gauge</b>	48"
<b>Rake Angle</b>	1°30'
<b>Motor</b>	30HP
<b>Weight Lbs.</b>	35,200
<b>Dimensions L x W x H</b>	194" X 96" X 84"

**Note:** Specifications subject to change without notice



### **STANDARD CONTROL FEATURES:**

- ▣ 36" SIEMENS Multi-step CNC back gauge: accuracy at  $\pm 0.002$ "
- ▣ 60 position pre-set backgauge memory for shearing heavy material or production process with no need of layout or holding material, then adjusting back gauge
- ▣ one-step go-to position control on backgauge
- ▣ Auto-swing up back gauge at full travel
- ▣ Programmable cutting width control
- ▣ Programmable cutting stroke control
- ▣ Easy operating control console:
  - Prompting instruction for easy operation and service
  - Running status display on control console
 

Manual/Auto mode	Back gauge position
Cutting width	Number of cutting strokes
  - Blade setup message at power on to prompt operator

**OPERATING FUNCTION:**

- ▣ Rapid precision blade clearance adjustment
- ▣ Steady cutting speed and rapid back stroke for high efficient performance
- ▣ Multi - control mode
  - Pushbutton / Foot switch operation
  - Single cut/ continue cuts mode
  - Multi-backgauge position and multi-cuts automatic control mode
- ▣ Auto clamping pressure control on hold down feet auto-adjustable to various material
- ▣ Complete hydraulic, electric overload protection avoids operating fault

**STANDARD EQUIPMENT:**

- ▣ Two square arm with stainless steel rule and disappearing stops
  - 7 Ft squaring arm on left to square long sheet material
  - 4 Ft squaring arm on right to provide even knife service life on both ends
- ▣ Front gauge with adjustable disappearing stops and stainless steel rule
- ▣ 4 Ft front support arms
- ▣ Ball transfers in table for easily handling heavy metal
- ▣ Ball transfers on front support arms, front gauge bar and right squaring arm
- ▣ Shadow light and line for positioning scribed line
- ▣ Cut-off material sliding tray for easy-collecting cutting material
- ▣ Safety guard