

### SKU : 133652

The KMT B NC series has a powerful, motorized drive that enables high cutting performance up to four sheet thicknesses. But thin sheets can also be cut precisely, as a sheet holding device provides support as standard equipment. The cutting length is positioned by the NC control. The very stable construction with guided cutting blades and robust back gauge meets all requirements of a shear for single and small series production.

- Solid steel weldment
- PLC back-gauge control with 4.3" touchscreen
- Back gauge with servo drives
- Blades can be rotated and reused
- Pneumatic sheet support device



## TECHNICAL SPECS

### WORKING AREA

|                                     |             |
|-------------------------------------|-------------|
| Working length                      | 1300 mm     |
| Cutting angle                       | 2.4 deg     |
| Strokes per minute (automatic mode) | 30 H/min    |
| Knife length                        | 1353 mm     |
| Work table height                   | 830 mm      |
| Support arms                        | 600 mm      |
| Number of support arms              | 3 positions |

### BACK GAUGE

|           |        |
|-----------|--------|
| Rear stop | 630 mm |
|-----------|--------|

### CUTTING CAPACITIES

|  |               |
|--|---------------|
| Plate thickness (max.) - 450 N/mm <sup>2</sup> | 0.8 mm - 4 mm |
|--|---------------|

### DRIVE CAPACITY

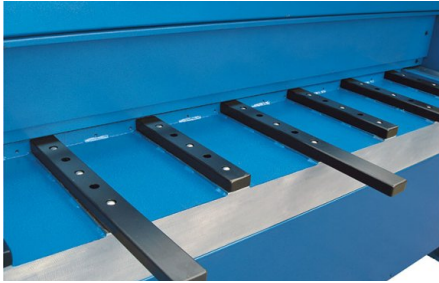
|                         |      |
|-------------------------|------|
| Motor rating main drive | 4 kW |
|-------------------------|------|

### MEASURES AND WEIGHTS

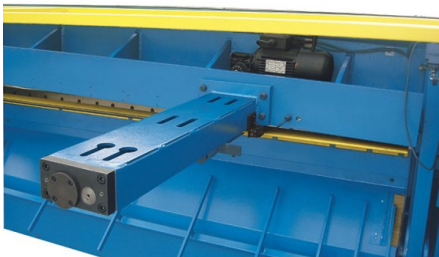
|  |                          |
|--|--------------------------|
| Overall dimensions (length x width x height) | 1.75 m x 1.82 m x 1.19 m |
| Weight                                       | 1355 kg                  |



*Accessible work area at the back gauge is secured by a swivel door*



*Robust support arms with material support rollers simplify handling and provide a secure hold for large plates*



*The rugged back gauge stands up to every day production challenges*

## PRODUCT DETAILS

### Machine Frame and Drive System

- The machine frame is made of a robust steel weldment treated with stress-relief annealing
- An automatic hold-down fixates the plate during cutting
- The double-edged upper and lower knives can be rotated and reused

### Material Support

- The rigid side angle stop simplifies alignment of the plate to the cut line

### Operation and Ergonomics

- The PLC back-gauge control with 4.3" touchscreen features a user-friendly graphic interface for quick and easy programming
- The mobile control unit features a foot switch, so the operator has both hands free

### Back Gauge

- The backgauge is driven by a servo motor, which significantly improves positioning and repeatability accuracy
- A plate hold-up fixture prevents any overhang of the plate in front of the back gauge to ensure maximum accuracy and quality of every cut, even in thin plates
- Support arms are positioned via an air cylinder and lowered in sync with the cutting process

## STANDARD EQUIPMENT

Pcl control  
 Work lamp  
 Safety guard with power off after open door  
 Back gauge with 4,3" Touchscreen  
 Foot pedal  
 Cut-line lighting  
 Squaring arm  
 Support arms with material support balls  
 Powered rear stop  
 Hold-down  
 Pneumatic sheet support  
 Safety cover Working area Backgauge  
 Operator instructions