Guillotine Shears

KMT B 2552 NC

SKU : 133653

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	100 in
Cutting angle	1.6 deg
Strokes per minute (automatic mode)	30 H/min
Knife length	101 in
Work table height	33 in
Support arms	24 in
Number of support arms	5 positions

BACK GAUGE

Rear stop	25 in

CUTTING CAPACITIES

Plate thickness (max.) - 450 N/mm²	0.031 in - 0.079 in

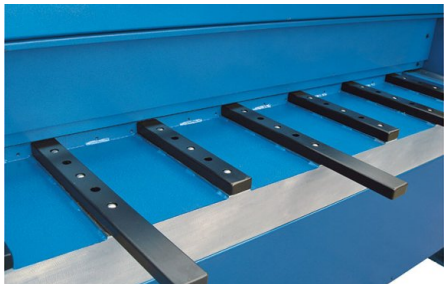
DRIVE CAPACITY

Motor rating main drive	5.4 Hp

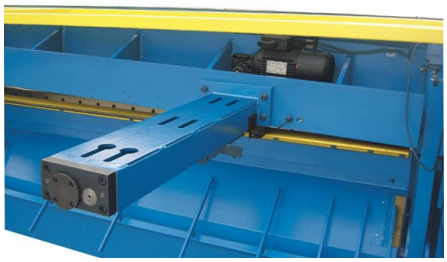
MEASURES AND WEIGHTS

Overall dimensions (length x width x height)	119 in x 71 in x 49 in
Weight	4180 lbs

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

PLC 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 rollers
Powered rear stop
Hold-down
Pneumatic sheet support
Safety cover for work area near back gauge
Operator instructions