Guillotine Shears

KMT S 2053

SKU : 133612

The KMT S series has stable construction and is of high quality. The modern guillotine shears have a powerful, motorised drive that enables high cutting performance. The construction with guided cutting blades and a small cutting angle enables cuts with little twist in the workpiece. The backgauge can be precisely positioned using the handwheel accessible from the front.

- Solid steel weldment
- Blades with multiple cutting surfaces
- Back gauge can be positioned from the front of the machine
- Work area is secured by light curtain

TECHNICAL SPECS

WORKING AREA

Working length	2050 mm
Cutting angle	1.58 deg
Work table height	840 mm
Work table depth	390 mm
Number of support arms	3 positions
Support arms	940 mm
Strokes per minute	34 H/min

BACK GAUGE

Rear stop	750 mm

CUTTING CAPACITIES

Plate thickness (max.) - 450 N/mm²	0.1 mm - 3 mm
Plate thickness(max.) - 700 N/mm²	1.5 mm

DRIVE CAPACITY

Motor rating main drive	4 kW

MEASURES AND WEIGHTS

Overall dimensions (length x width x height)	2.7 m x 2.15 m x 1.31 m
Weight	1750 kg

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Published on: 19.06.2024.

PRODUCT DETAILS

Machine Frame and Drive System

- The machine frame is made of a very rigid, solid steel weldment
- The upper knives are reversible for use of both sides, and the lower knives feature 4 cutting edges
- A rigid, continuous hold-down fixes the sheet metal plate right in front of the cut line

Material Support

- The rigid side angle stop simplifies alignment of the plate to the cut line
- Rugged support arms ensure a strong hold of large plates
- Material support rollers are recessed in the table for easy workpiece handling

Ergonomic Design

- The mobile foot switch gives the operator added flexibility and both hands are free for handling the workpiece
- For a better view of the cut line, the hand safety guard can be flipped up or down
- The bright LED illumination of the cut line creates a clearly visible shadow on the marked line

Rear stop:

- The back gauge can be positioned precisely via a hand-wheel
- The easy accessible work area at the back gauge is secured by light curtain
- The machine can be equipped with an optional NC-controlled back gauge for a length up to 1000 mm, or a sheet hold-up device

STANDARD EQUIPMENT

Foot pedal with emergency stop switch
Cut-line lighting
Squaring arm
Support arms with T-slots and tilting stop
Manual 750 mm backgauge
Ball bearing front table
Light curtain
Top blade with 2 sides
Finger guard
Operator instructions

OPTIONAL EQUIPMENT

- Back gauge with NC Control 750 mm (BRL Controller), SKU : 253664
- Back gauge with NC Control 1000 mm (BRL Controller), SKU : 253665
- Adjustable angle stop on the support arm (the left one) 0-180°, SKU : 253666
- Pneumatic sheet back support, SKU : 253667

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