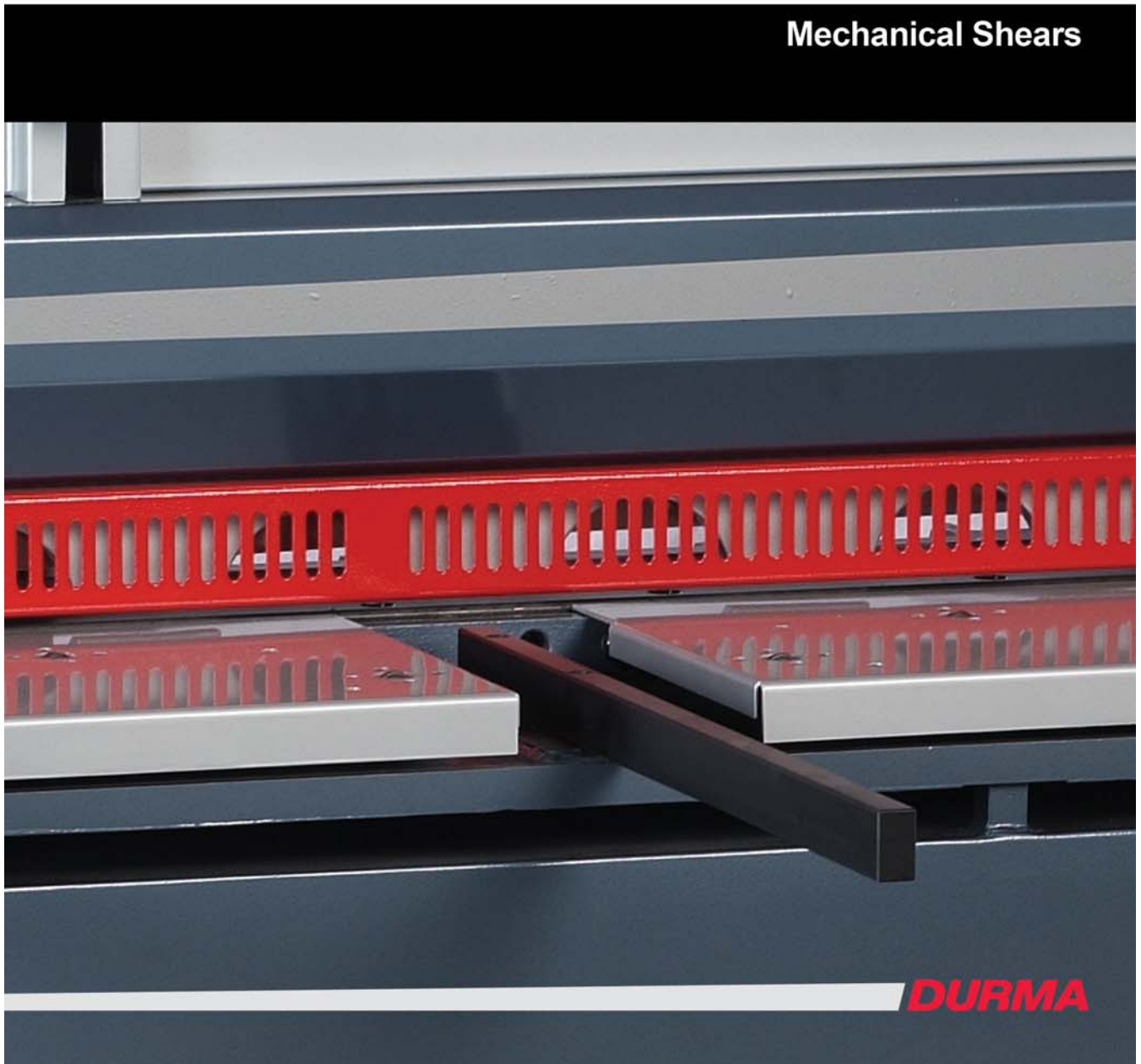


# **DURMA**

**MS SERIES**

## **Mechanical Shears**



**DURMA**

## **MS SERIES Mechanical Shears**

The MS series Mechanical Shears is designed for processing sheet metal and plastics.

Quality low mechanical power guillotine. These machines are ideally suited for light gauge metal shearing requirements. The direct drive provides efficient operation at an economical price.

### **Table Top Ball Transfers**

The MS series is equipped with ball transfers in the table. This assists in feeding the sheet as well as reducing marking on sensitive materials.

### **Sheet Hold Downs**

A simple spring style hold down system securely holds the material in place during the shearing process.

## **Thin Sheet Support System**

When shearing long drop pieces of thin material up to the sheet can droop before it reaches the gauge bar, therefore making it impossible to gauge or, at least gauge accurately. In this system support arms that are pneumatically activated support the sheet while gauging and then automatically move away for shearing after the sheet is securely clamped and gauged. This also eliminates the need to front gauge and the need for the operator or additional personnel, to manually support the sheet from the rear side of the machine, which is not only costly, but unsafe.





(Option- pic from SB machine)



(Optional)

## Programmable Control

The ENC 100 Controller provides both “multi-step” (50 programs) and “touch and go” programming features for the back gauge. Other features include; high speed back gauge positioning on ball screws, back bar retraction, programmable stroke length, and parts counter. Three modes of operation with key switch lockout for safety.



## Standard Equipment

- 1 Squaring arm + 2 sheet support arms
- Finger protect
- Ball screw for motorized back gauge (4 mm)
- Ball transfer table (4 mm)
- Portable foot control with emergency stop button
- Motorized back gauge with digital readout 750 mm travel (only 4 mm shears)
- Flip up stop for insertion in T-slot in support arms
- Portable foot control with emergency stop button
- Manuel back gauge with 550 mm travel

## Optional Equipment

- 1000 mm Power front operated back gauge with digital readout
- NC controlled back gauge
- Shadow line illumination
- Mechanic counter
- Pneumatic thin sheet support system
- Protractor 0-180° angle shearing
- Longer squaring and support

<b>MS SERIES</b>		<b>MS 1303</b>	<b>MS 2003</b>	<b>MS 2525</b>	<b>MS 3002</b>	<b>MS 1504</b>	<b>MS 2004</b>	<b>MS 2504</b>	<b>MS 3004</b>
Cutting capacity	mm.	3	3	2,5	2	4	4	4	4
Cutting length	mm.	1350	2050	2550	3100	1550	2050	2550	3100
Cutting angle	<	1° 30'	2° 12'	1° 30'	1° 30'	1° 30'	1° 30'	1° 30'	1° 30'
Stroke per min	1/min.	35	35	35	35	42	42	42	42
Motor power	kw.	3	3	3	3	7,5	7,5	7,5	7,5
Table Width	mm.	400	400	400	400	450	450	450	450
Table Height	mm.	850	850	850	850	800	800	800	800
Backgauge Adjustment	mm.	550 manual	550 manual	550 manual	550 manual	750	750	750	750
Height	mm.	1200	1200	1200	1200	1330	1330	1330	1330
Width	mm.	1350	1350	1350	1350	2300	2300	2300	2300
Length	mm.	1700	2400	2860	3400	2070	2550	3050	3650
Weight	kg.	990	1220	1400	1500	2290	2800	3230	3730

Durmazlar Makina San. Tic. A.Ş. keeps its right to change the specs without notice

# **DURMA**

Durmazlar Makina Sanayi ve Ticaret A.Ş.

OSB 75. Yıl Bulvarı 16159 Bursa Türkiye

Tel.:+90 224 219 18 00 (pbx)

Fax:+90 224 242 75 80 (Sales)

[www.durmazlar.com.tr](http://www.durmazlar.com.tr)

e-mail: durma@durmazlar.com.tr

091998