

# MS SERIES MECHANICAL SHEAR



- Hi-Speed
- Accurate
- Efficient
- Performance





# **DURMA** The Winning Force



As a total supplier for sheet metal manufacturing with almost 60 years of experience, Durma understands and recognizes the challenges, requirements and expectations of the industry. We strive to satisfy the ever higher demands of our customers by continuously improving our products and processes while researching and implementing the latest technologies.

In our three production plants with a total of 150.000 m<sup>2</sup>, we dedicate 1,000 employees to delivering high quality manufacturing solutions at the best performance-to-price ratio in the market.

From the innovations developed at our Research & Development Center to the technical support given by our worldwide distributors, we all have one common mission: to be your preferred partner.

Present Durmazlar machines with **DURMA** name to the world.



High technology, modern production lines



Top quality components



3
High quality
machines designed
in R&D Centre



# The Winning Force

#### Fast, Productive and Great Cuttings

High-tech MS Series provide excellent results in various types of works. MS Series enables you to achieve precision and perfect cuttings by entering all cutting values.

Efficiency, maximum safety and cutting precision are the features that differentiate MS Series

Easy to Use

Ergonomic

Efficient

Fast

Reliable Brand

# Advance Your Standards

### Precision and high quality cuttings

World standards equipped MS Series shears high-tech products offer you exact solutions.

Direct drive technology

Always precise cutting

Easy programming

Maximum speed and safety

Low power consumption







# Gain More Power

#### High performance and innovative solutions

DURMA MS Series products provide a reliable, effective and economical solution. Knowledge, ability and experience has been the basis for the development of our mechanical and electronic drive components. Product performance and quality is never compromised while manufacturing MS Series

- Fast and high accuracy
- Secure movement
- Adjustable
- Crash proof
- Maintenance free



DURMA magnet brakes and clutch system is for your starting, stopping, positioning, controlling and regulating requirements.

Compact, high performance integral gear motors. Permanent magnet brakes and clutches for dry operation.

Backlash-free operation high torques at operating cycles Maintanence free



Adjustable Angle Stop 0-180° Finger Guard Ball Transfer Table Hold Downs with Rubber



Curtain Light Guards

#### MS Series Technical Details

MS Series	Cutting Capacity	Cutting Length	Cutting Angle	Stroke / min.	Motor Power	Back Gauge Distance (Std.)	Table Width	Table Height	Height	Width	Length	Weight
	mm	mm		1/min.	kW	mm	mm	mm	mm	mm	mm	~kg
1303	3	1350	2º 30'	35	3	550	400	850	1260	1350	1900	1060
2003	3	2050	2º 12'	35	3	550	400	850	1260	1350	2600	1280
2525	2,5	2550	1° 40'	35	3	550	400	850	1260	1350	3100	1540
2004	4	2050	1° 30'	42	7,5	750	450	800	1350	2300	2700	2800
2504	4	2550	1º 30'	42	7,5	750	450	800	1350	2300	3200	3230
3004	4	3100	1° 30'	42	7,5	750	450	800	1350	2300	3700	3730

<sup>\*</sup>Capacity tested with St 37

## Standard & Optional Equipment

#### Standard Equipments

Heavy duty St44 Al steel construction & Stress reliever frame

Easy blade gap adjustment

Finger protect Hold down with rubbers

Manual back gauge

Motorized back gauge with ballscrew

Ball integrated front tables

Top blades with 2 sides, Bottom blades with 2 sides

Top blades with 2 sides, Bottom blades with 4 sides

(MS 2004, MS 2504, MS 3004)

(MS 1303, MS 2003, MS 2525)

(MS 2004, MS 2504, MS 3004)

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(MS 1303, MS 2003, MS 2525)

(MS 2004, MS 2504, MS 3004)

#### **Optional Equipments**

CE-Norm for EU

NC Touchscreen control unit (D-Touch 7)

Laser cutting line (MS 2004, MS 2504, MS 3004)

Curtain light guards

Special back gauge: Motorized back gauge with ballscrew (750 mm or 1000 mm)

Pneumatic thin sheet support system

Adjustable angle stop 0-180°

Add. Support extra arms

Special blades

Overseas special packing

# D-Touch 7 Control Unit





Fast data entry



Easy connection USB port



Ethernet Rj-45 10/100M



Easy programming

### Cuttings are easier with D-Touch 7

- Wide, colored, touch-screen (LCD 7" 800x480)
- Quick data entry
- Easy connection
- USB input
- Ethernet: RJ-45 10/100M
- Windows CE Unlimited program and steps
- Unlimited material type



## Fast on Service and Spare Parts

DURMA provides the best level of service and spare parts with qualified personnel and spare parts in stock. Our experienced and professional service personnel are always ready at your service. Our professional training and application enriched courses will give you an advantage to use our machinery.

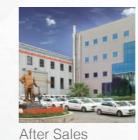


Spare Parts



Consultancy

R&D Center



Service





Service Agreements



Software



Training



Flexible Solution











**PUNCH** 



PRESS BRAKE



VARIABLE RAKE SHEAR



PLASMA



L ANGLE PROCESSING CENTER



**ROLL BENDING** 



PROFILE BENDING



IRON WORKER



POWER OPERATED SHEAR



BANDSAW



CORNER NOTCHER

# **DURMA**

Today Tomorrow and Forever with You

MS SERIES
MECHANICAL SHEAR

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