

# MS

Mechanical  
Shear

## Series



> Hi-Speed

> Accurate

> Efficient

> Performance



As a total supplier for sheet metal manufacturing with almost 70 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.



# PRODUCTION IS MORE EFFECTIVE NOW

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.

**Durmazlar offers it's machines to the world markets under the Durma brand.**



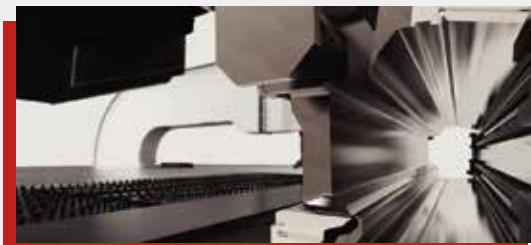
1

High technology,  
modern production  
lines



2

Top quality  
components



3

High quality  
machines designed  
in R&D Centre

## 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

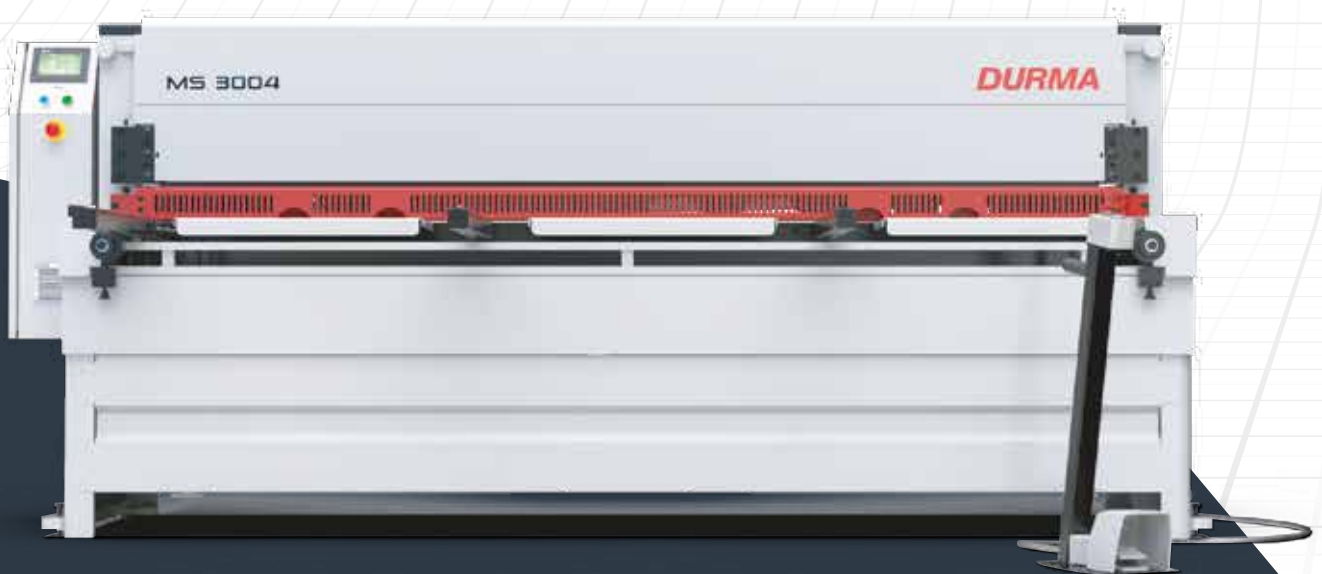
➤ Easy to  
Use

➤ Ergonomic

➤ Efficient

➤ Fast

➤ Reliable  
Brand



Production is *More Effective Now.*

# 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



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  
Maintenance free



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



Curtain Light Guards

Production is *More Effective Now.*

## 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           | 2° 30'        | 35            | 3           | 550                        | 400         | 850          | 1260   | 1350  | 1900   | 1060   |
| 2004      | 4                | 2050           | 1° 30'        | 42            | 7,5         | 750                        | 450         | 800          | 1350   | 2300  | 2700   | 2800   |
| 3004      | 4                | 3100           | 1° 30'        | 42            | 7,5         | 750                        | 450         | 800          | 1350   | 2300  | 3700   | 3730   |

\*Capacity tested with St 37



## STANDARD & OPTIONAL EQUIPMENT

### Standard Equipments

|                                                               |                    |
|---------------------------------------------------------------|--------------------|
| DT-5 NC Control Unit                                          | (MS 2004, MS 3004) |
| Cutting Line with Shade Wire                                  | (MS 2004, MS 3004) |
| 2-Edged Upper and Lower Blades                                | (MS 1303)          |
| 2-Edged Top & 4-Edged Bottom Blades                           | (MS 2004, 3004)    |
| Heavy Duty ST44-Al Steel Construction & Stress Reliever Frame |                    |
| Easy Blade Gap Adjustment                                     |                    |
| Finger Protection                                             |                    |
| Hold Down with Rubbers                                        | (MS 2004, MS 3004) |
| Manual Backgauge with 550 mm travel                           | (MS 1303)          |
| Motorized Backgauge with Ballscrew & 750 mm travel            | (MS 2004, MS 3004) |
| Ball Integrated Front Tables                                  | (MS 2004, MS 3004) |

### Optional Equipments

|                                                                                   |  |
|-----------------------------------------------------------------------------------|--|
| DT-5 NC Control Unit for MS 1303                                                  |  |
| CE-Norm for EU                                                                    |  |
| 750 mm Motorized Backgauge for MS 1303                                            |  |
| 1000 mm Motorized Backgauge                                                       |  |
| Light Curtain Guards                                                              |  |
| Pneumatic Thin Sheet Support System (Suitable for Machines with 750 mm Backgauge) |  |
| Adjustable Angle Stop 0-180°                                                      |  |
| Extension Support Arms                                                            |  |
| Special Blades                                                                    |  |
| Special Packing for Overseas Shipments                                            |  |

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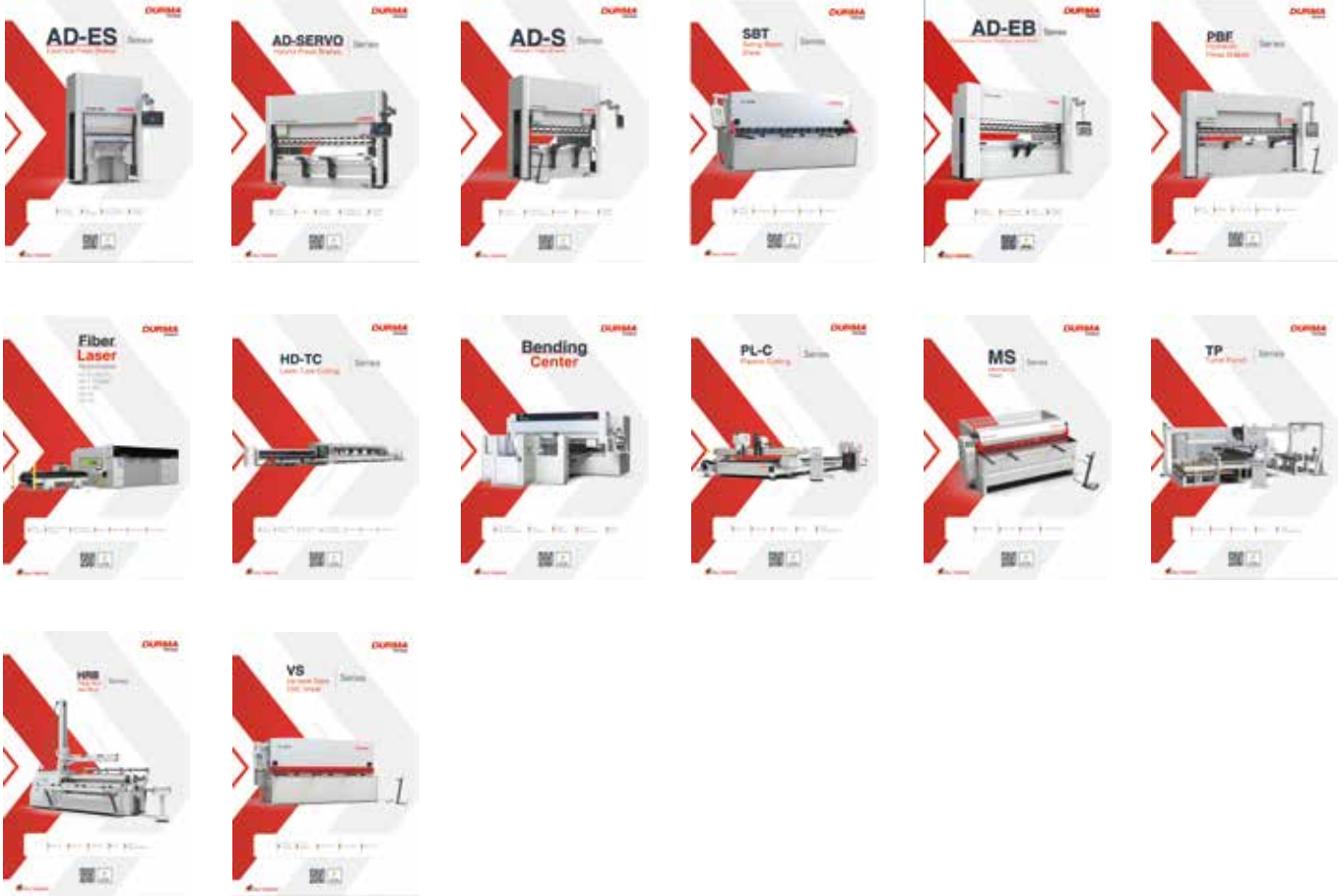
# FAST ON SERVICE AND SPARE PARTS

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.



# Product Groups

# **DURMA**



**f** Durma International  
**@** durmainternational  
**X** durmaint  
**▶** durmamachines  
**in** Durmazlar



EN 2025/05/V04



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