SBT SERIES
SWING BEAM SHEAR

Designed for Simplicity, Safety and Precision

• Perfect Cutting
• Hi-Speed
• Heavy Duty
• Accurate
• Efficient

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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 m², 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.
The Winning Force

Rigid body structure perfect cutting

With its unique design and rigid body SBT series provies perfect cutting quality and low cost solutions.
Advance Your Standards

Precision and high quality cuttings

With its high technology standards and design, easy to use interface SBT provides perfect, high standard safety, efficient solutions and improve your skills, add value to your company. We have reduced the cutting angle to achieve straight precision and minimum twist tolerance.

Why DURMA Shears

- Quality and fast cuttings
- Robust body structure
- High precision and repeatability
- Low maintenance cost
- Hi-tech perfect equipments
- Boost your business
- Reliable Brand
High performance, advanced technology, economic solution

Durma shears have been manufactured since 1956 and are installed and working in a wide variety of sheet metal cutting operations for many industries. Years of customer application experience has helped us develop durable, low distortion and precise cutting machines.

Gain More Power

D-Touch 7 Control Unit
Flip Up Finger Guard
Sheet Support Arms
Foot Pedal

Gain More Power

Finger Guard
Sheet Drive with Transfer Ball
Rigit Body

General Specifications

- Robust design & powerful body for perfect cutting
- Hardened and ground blades for long life and precise
- Proved and rigid design with swing beam top table
- Minimum deformation and optimum cutting quality with best cutting angle
- CE standards security
- The combination of economic and perfect cutting performance
- CNC controlled gap adjustment and cutting angle
- User friendly CNC touch screen control unit
- Provide flexible use for narrow or wide, thin or thick sheet metal cutting.
- Automatic swing up back gauge for more comfortable use
- Sheet support arms
- Automatic front feeding, conveyor
- Balls transferred table and T-slot front feedings arm helps prices cuttings
- Table with balls and feeding plates
Robust Back Gauge System

- Precision
- Robust
- Min. Deformation

- Fast and high accuracy
- Reliable movement
- Adjustment at any point
- Resistance to crash
- Maintenance free

Why DURMA Back Gauge?

One of the most important factor for cutting capacity is the design of back gauge and stability.

Quality cutting is possible with perfect product, stability and precision back gauge.

The high speed ballscrew back gauge system movement is also supported with linear guides, which helps the back gauge achieve long life, greater sensitivity and strengthens against any collisions.
SBT Series General Features

With choice of standards and optional equipment SBT boost your business by offering proper solutions for your needs. With the hi-tech features high efficiency, high precision, high performance criteria SBT have proved that it is user friendly and the best of this sector.

Flip-up Finger Guard
Ball Transfer Table
Hydraulic Holddowns

Adjustable Angle Stop 0-180°

Light Curtains For Finger Protection
Conveyor System

Blade Gap Adjustment
Thin Sheet Support System
Sheet Support Systems

- Better and fast cutting
- Easy and secure usage
- High precision and repeatability

Pneumatic Thin Sheet Support System

**DURMA I**

**DURMA IV**

Step 1

Step 2

Step 3
SBT Series Technical Details

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Standard & Optional Equipments

Standard Equipments

Heavy duty St 44 steel construction & stress relieved frame
User friendly CNC Touch screen control unit D-Touch 7
Easy blade gap adjustment
Ball integrated front tables
Ball screw back gauge, 1000 mm & automatic swing-up
Squaring arm with scale & T-Slot & tilting stop
Support arms T-Slot & Tilting stop
Illumination & shadow line 1 mt flip-up finger guards
Automatically pressure adjusted solid holddowns
Top and Bottom blades with 4 sides
Foot pedal
High performance hydraulics & electronics components
Swing-up back gauge
Optional equipments

CE-Norm
Motorized blade gap adjustment
Laser cutting line
Light curtains for finger protection
Pneumatic thin sheet support  DURMA I
Pneumatic thin sheet support  DURMA IV
Hydraulic anti-twist device
Special throat depth
Backgauge 1250 mm.
Add. support arms
Adjustable holddown pressure
Special blades
Oil coolant
Adjustable angle stop 0-180°
Control panel on opposite position
Temperature measurement
Overseas special packaging

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D-Touch 7 Control Unit

- Wide, colorful, 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

Cuttings are easier with D-Touch 7

With easy to use interface D-Touch 7 enables perfect cutting in seconds by endless programming and material entrance feature.
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.
Today Tomorrow and Forever with You...

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