SBT SERIES
Swing Beam Shear

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

1. High technology, modern production lines
2. Top quality components
3. High quality machines designed in R&D Centre
The Winning Force

Rigid body structure and perfect cutting

Unique design and rigid body enable SBT series to provide perfect cutting quality and low cost solutions.

Advance Your Standards

Precision and high quality cuttings

High technology standards, design and user-friendly interface SBT provides perfection with high standard safety, efficient solutions that strengthen your skills and add value to your company.

We have reduced the cutting angle to achieve straight precision and minimum twist tolerance.

Why DURMA Shears

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

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

Gain More Power

Gain More Power

Strong Back Gauge System

- Precise
- Robust
- Min. Deformation

- Fast and high accuracy
- Reliable movement
- Adjustment from each point
- Resistance to crash
- Maintenance free

Why DURMA Back Gauge?

One of the most important factors 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 like high efficiency, precision, and high performance criteria SBT has proved that it is user friendly and the best of this sector.

Flip-up Finger Guard Adjustable
Ball Transfer Table
Hydraulic Holdowns

Light Curtains For Finger Protection
Blade Gap Adjustment

Adjustable Angle Stop 0-180°

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

Pneumatic Thin Sheet Support System

Before cutting operations, sheet support system with pneumatic driven assists for sheet as moving upwards as per in the picture.

Once the cutting process is kicked off, the table comes down lower position at the same time and this will ensure cutting sheets placed over the table again as seen in the picture.

After cutting process is finished, sheets are discharged by closing movement of the table.
SBT Series Technical Details

<table>
<thead>
<tr>
<th>SBT Series</th>
<th>Cutting Length</th>
<th>MS (450 N/mm²)</th>
<th>SS (700 N/mm²)</th>
<th>Throat Depth</th>
<th>Stroke per min.</th>
<th>Cutting Angle</th>
<th>Hold downs</th>
<th>Hold Down Force</th>
<th>Back Gauge Range</th>
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Standard Equipment

- 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
- Ballscrew back gauge, 1000 mm & automatic swing-up
- Squaring arm with scale & T-Slot & tilting stop
- Support arms T-Slot & tilting stop
- Illumination & shadow line & flip-up finger guards
- Automatically pressure adjusted solid hold downs
- Top blades with 2 sides and Bottom blades with 4 sides
- Foot pedal
- High performance hydraulics & electronics components
- Automatic Swing-up back gauge
- CE-Norm

Optional Equipment

- Motorized blade gap adjustment
- Laser cutting line
- Light curtains for finger protection
- Pneumatic thin sheet support DURMA I
- Pneumatic thin sheet support DURMA IV
- Special throat depth
- Back gauge 1250 mm.
- Add. support arms
- Special blades
- Oil coolant
- Oil Heater
- Adjustable angle stop 0-180°
- Control panel on opposite position
- Temperature measurement
- Overseas special packaging
D-Touch 7 Control Unit

- Wide, colored, touch-screen (LCD 7” 800x480)
- Quick data entry
- Easy connection
- USB input
- Ethernet RJ-45 10/100M
- Unlimited material type
- Fast data entry
- Easy connection USB port
- Ethernet RJ-45 10/100M
- Easy programming

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.
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