

DURMA



Head Quarter & Ataevler

Durmazlar has aimed continous development since 1956

Owes one of the world's most contemporary production plants in the production technology business .3 different plants oriented to different product families, 1000 dedicated employees and 150.000 m2 footprint.

In order to offer solution according to clients' needs and enriching the quantity and quality of its own patent rights; long experienced Engineering Department transformed to Durma Research & Develepment Center has opened in the year 2010. Designed and engineered with modern technics; its products are equipped with proven quality components to precisely fulfill your requirements. We serve " accuracy, speed, flexibility, durability, reliability and advanced technology" with high performance/price ratio.Worldwide Durma distributors and technical support network assures perfect support to our clients.

With its 55 years of experience, its product quality, innovative solutions Durma gives importance and cares you with proactive approach. We thank all our clients to hold us at the top segment of the world brands.



Laser Factory



Başköy Factory

Durma Shears

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.

Even large shears machine frames are machined with our repositioning on the machining centers. Resulting in parallel and square services.

Automatic adjustment of the holddown pressure in our hydraulic shears firmly secures thick or thin sheet prior to the actual cutting.

VS Series

Variable Rake CNC Shear

Cutting angle and blade gap Automatically CNC adjusted for flexible and precise cutting processes



SBT Series

Swing Beam Touch Shear

Heavy duty, robust swing beam cutting for optimised cutting parameters



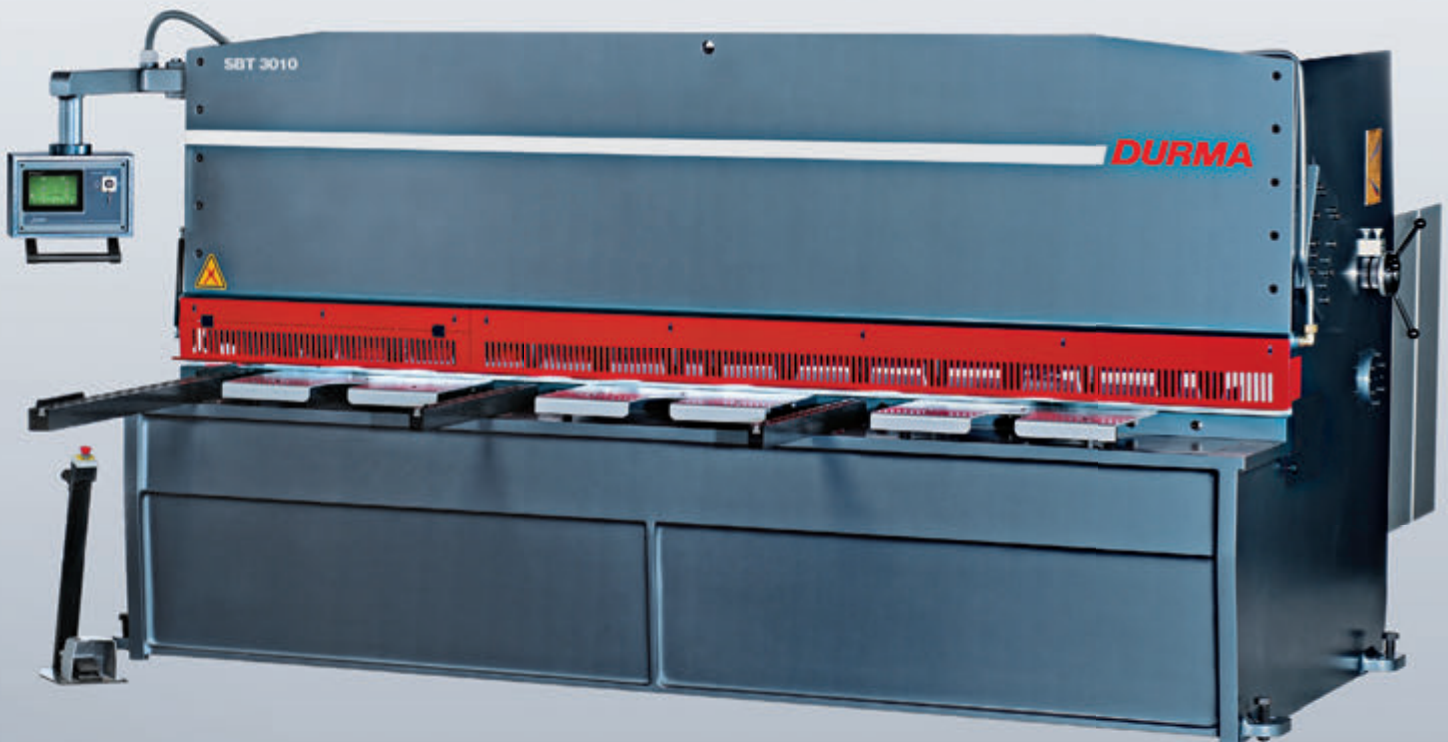
MS Series

Power Operated Shear

All-in: Hi-Speed, Accurate, Efficient, Performance



SBT SERIES



Swing Beam Touch Shear

- *World's heaviest and most robust swing beam shear construction*
- *Proven reliable design frame with rigid swing style upper beam*
- *Optimized cutting angle for minimized distortion*
- *Oversized roller bearing guides and box constructed swing beam for constant blade gap over full cutting length contribute to straight cuts*
- *Easy and low maintenance operation*

FEATURES

CNC Touch Screen Control Unit

DURMA



D-Touch 7

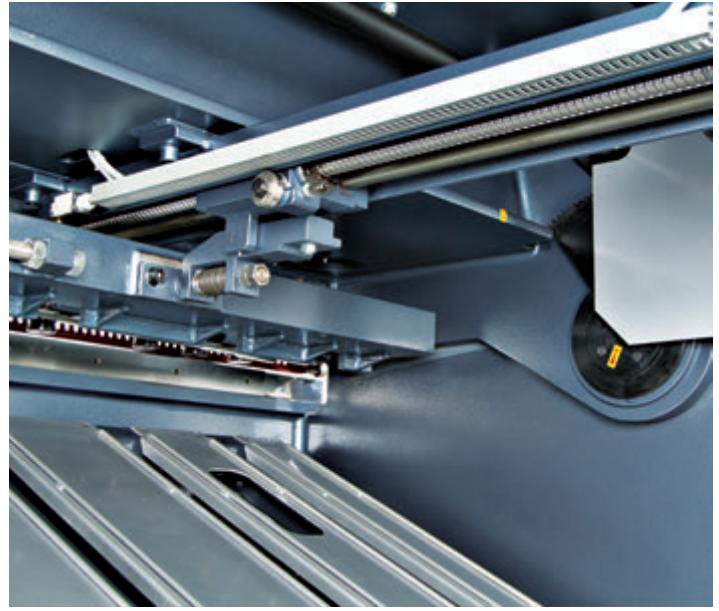
Large Color Touch Screen, Lcd: 7", 800 X 480 Tft Lcd Display
Rapid data input
Easy communication, USB Port: Usb port for user usb flash memory
Ethernet: RJ-45 10/100M
Operating System: Windows CE
User Program and Steps: Unlimited
Material Type: Unlimited





Single Point Blade Clearance

A Quickset single point blade gap adjustment is conveniently located on the side frame of the machine. The operator can easily and quickly change this setting, as the material type and thickness demands, for a high quality blank.



Swing Up Or Away Back Gauge

Back gauge can swing away at the end of its travel to allow the shearing of unlimited length drop pieces. Also available is a swing up style, which swings up and out of the way when the back gauge reaches the end of its range. Both styles allow shearing sheets of an unlimited length.



Finger Guard, Ball Transfers & Holddowns

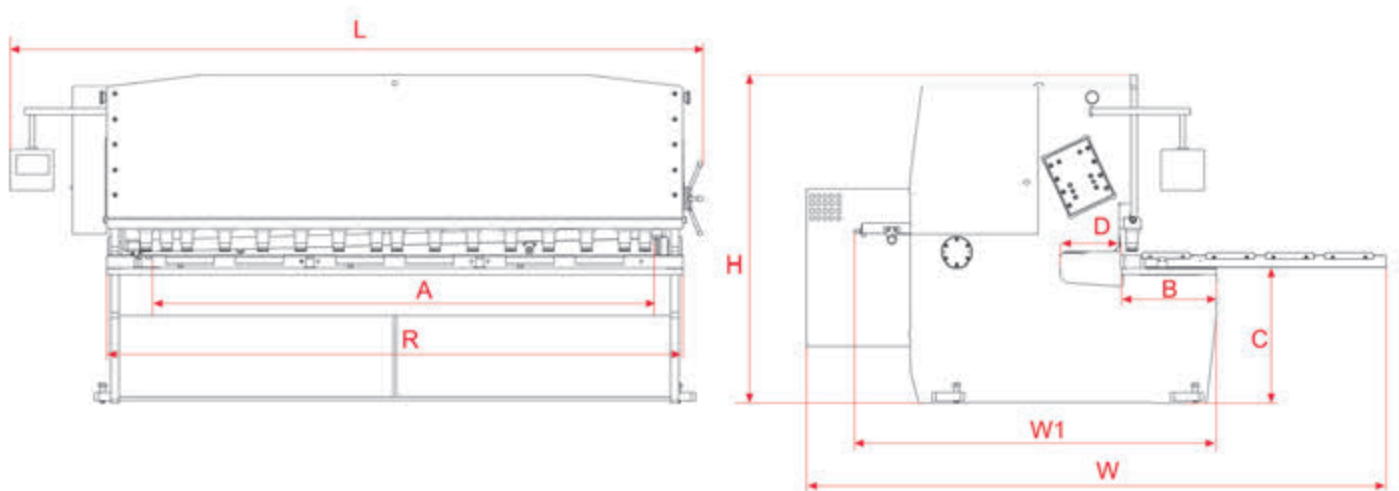
The first one meter of the finger guard can be flipped up out of the way for easy viewing of the work piece at the point of cut. Holddowns are provided to ensure that the plate is held firmly along the length of the cutting area. The holddowns are distributed in such a way that more are closer at each end of the table. This guarantees not only safer operation at the beginning and end of the cut but also the accuracy for narrow (short) plates at each end of the machine. Each independently acting holddown is capable of applying high pressure to hold the material being cut at the same time preventing thin and delicate materials from being marked.



Rear Sheet Support System

When shearing long drop pieces of thin material 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 which 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.

SBT Series				3006	3010	3013	3016	3020	4006	4013
Cutting Length		(A)	mm	3100	3100	3100	3100	3100	4100	4100
Cutting Capacity	MS (450 N/mm ²)		mm	6	10	13	16	20	6	13
	SS (700 N/mm ²)		mm	4	6	8	10	13	4	8
Throat Depth		(D)	mm	50	50	50	350	350	50	350
Strok /Min			1/min	15	13	13	10	6	12	8
HI-SPEED Strok /Min			1/min	24	19	18	14	8	23	17
Cutting Angle			Degree	1°30'	1°30'	1°45'	2°	2°	1°30'	1°45'
Numbers of Holddown			Unit	16	16	16	14	14	20	18
Holddown Force			ton	14	22	37	61	77	17	62
Backgauge Range			mm	1000	1000	1000	1000	1000	1000	1000
Back Gauge Power			kw	0.75	0.75	0.75	0.75	0.75	0.75	0.75
Back Gauge Speed			mm/min	120	120	120	120	120	120	120
Motor Power			kw	15	22	30	37	45	15	30
Oil Capacity			lt	200	200	330	410	450	200	330
Number of Sheet Supports			Unit	2	2	2	2	2	3	3
Table Height		(C)	mm	865	865	845	818	886	865	818
Table Width		(B)	mm	500	580	600	550	570	580	550
Table Length		(R)	mm	3515	3515	3550	3580	3670	4510	4520
Length		(L)	mm	4110	4200	4280	4550	4450	5230	5350
Width		(W1)	mm	2200	2250	2300	2250	2260	2300	2250
Total Width		(W)	mm	3700	3600	3600	3825	3400	3600	3850
Height		(H)	mm	2100	2100	2350	2250	2450	2150	2250
Weight			~kg	7650	9300	12500	15000	21700	11750	16300



SBT

STANDARD EQUIPMENTS

Heavy duty St 44 Al steel construction & Stress relieved frame
Userfriendly CNC Touchscreen 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 (L= 1500 mm)
Support arms T-Slot & Tilting stop (L=1000 mm)
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 for EU
HI SPEED (Stroke/Minute)
Motorized blade gap adjustment
Laser Cutting Line
Light Curtains for Finger Protection
"Pneumatic sheet support device ""standart"" -Durma I"
Hydraulic anti-twist device
Special Throat Depth
Backgauge 1250 mm
add. Support Arms
Adjustable holddown pressure
Special blades
Oil Coolant
Central lubrication manual
Central lubrication motorised
Adjustable Angle stop 0-180°
Special color
Control Panel on opposite position
Temperature measurement
Overseas special packaging