

**Product Name :**  
Threadle Shearing Machine- Manual Foot Operated**Product Code :**  
dm0003 LAB ENGINEERING**Description :**

Threadle Shearing Machine- Manual Foot Operated

**Technical Specification :**

Threadle Shearing Machine- Manual Foot Operated.

Treadle guillotine shearing machines are indispensable in sheet metal industries as they lead amongst all on account of versatile design, rigid construction, rigorous tests for the capacities and appearance. They are specially designed for rapid and continuous cutting of steel sheets of varied widths and trimming them in unlimited lengths. Available in iron body or in all steel construction.

**Features**

High tensile springs for quick return of treadle.  
4 Cutting edged hardened and ground quality blades.  
Rigid and Streamlined construction .  
Spring loaded sheet holding device.

	Inches	S.W.G.
Mild steel, 26 tons tensile	0.048	18
Stainless Steel annealed, 50 tons tensile	0.022	24
Brass, hard, 36 tons tensile	0.032	21

Brass, half hard, 30 tons tensile	0.040	19
Copper, hard 20 tons tensile	0.064	16
Copper, soft annealed 16 tons tensile	0.072	15
Aluminium, half hard, 16 tons tensile	0.072	15
Aluminium, copper alloy 40 tons tensile	0.028	22
Duraluminium, 28 tons tensile	0.040	19

In every machine, the bed and top beam have full adjustments for correct setting and easy removal of blades for accurate cutting and for regrinding.

The spring loaded pressure pad holds the sheets firmly while shearing thereby giving the perfect parallelism of cutting on either side. The adjustable front and back gauges with running Tee slots facilitate adjustment of various widths of the cuts and avoid any kind of twistings, turning of sheets while cutting. Square guide on the side of the table facilitates square cuts. The cutting edge blades avoid frequent grinding and adjustment and also very easy to grind to the rectangular shape and are manufactured in collaboration with very good German firm.

Highly compared English springs balance the treadle to correct level. The top beam guides are adjustable for compensating wear and tear as also setting of the upper blade.

These blades can be used with slight change in cutting angle to ribs, plastics, card board, rubber, mica etc., without any sign of squeezing or crushing.

SECTION

Y-Maximum width of cut	6"	12"	18"	24"	36"	39"	48"
Capacity in mild steel S.W.G.	24	24	20	20	20	20	20
Blade size	7"	13"	19"	25"	37"	40"	50"
Treadle design	Single Pad	Single Pad	Open Pad	Open Pad	Open Pad	Open Pad	Open Pad
No. of tension springs provided	1	2	2	2	2	2	3

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