

TDP 1.5[®] Desktop Tablet Press



The TDP 1.5[®] desktop tablet press is an exceptionally versatile machine that perfectly suits the needs of laboratories and research and development users across industries as diverse as food manufacturing, pharmaceutical development, chemical plants, and hospitals. Although not primarily intended for mass production, the TDP 1.5[®]'s maximum production of 4,000 units per hour means it can also be used by those who need a moderate production capacity.

The TDP 1.5[®] features a rugged 0.55 kW motor that is able to produce a maximum pressing weight of 15 kN, making it one of the most powerful desktop machines around. Compact in its design, it weighs just 45 kg, and can therefore be relocated more easily than larger, more cumbersome machines. The machine can produce tablets up to 12 mm in diameter and 6 mm thick, and can cope with both round and irregular shapes. The dies on the TDP 1.5[®] are easy to change, with a wide range of ready-made ones available. It is also easy to change the density of the tablets being produced on the TDP 1.5[®], and because the machine works with just 200 g of raw materials, it is ideally suited to testing new tablet formulations without wastage.

Main Benefits of the TDP 1.5[®]

- Lightweight for its class
- Compact footprint
- Fast and reliable
- Flexible output
- Electric or manually powered
- Wide raw material compatibility
- Low maintenance
- Low consumption
- Works with 200 g minimum quantity of raw materials
- Presses tablets of any shape
- Adaptable tablet diameter, depth, and hardness
- Option to stamp designs on tablet

Specifications

Product	TDP 1.5 [®] desktop tablet press
Number of dies	1
Max pressure (kN)	15
Max diameter of tablet (mm)	12
Max fill depth (mm)	12
Max thickness of tablet (mm)	6
Tablets produced per hour	4,000
Number of filling stations	1
Double layered tablet	No
Power USA	110 V; 1 phase; 0.75 kW; 60 Hz
Power UK	240 V; 1 phase; 0.75 kW; 50 Hz
Dimensions (mm / in)	550 mm x 440 mm x 650 mm 21.6 in x 17.3 in x 25.6 in
Weight (kg / lbs)	45 kg / 99 lbs