

Series DVT FU D(DLC)

TENSILE, COMPRESSION TESTING
MACHINE



UNIVERSAL TESTING MACHINE FOR HIGH CAPACITY TENSILE,
COMPRESSION TESTS

Series DVT FU D(DLC)

TECHNICAL SPECIFICATIONS

Used in tensile and compression tests for high strength materials such as metals

USED IN

- Metal manufacturers, wire manufacturers.
- Conveyor manufacturers.
- Pipe manufacturers.
- Laboratories, rope manufacturers

SOME OF THE TESTS CAN BE APPLIED

Product testing, such as opening/closing, fracture, tearing, compression, breaking, stretching, permanent deformation, puncture.

MATERIALS CAN BE TESTED

- Aluminum, copper, spring, sheet metal profile ...
- Steel, iron.
- Jute, big bag, jumbo bag, seat belt.
- Cable, steel wire ...
- Plastic products.
- Automotive and supplier industry.
- Forest products.
- Construction materials.
- Glues.
- Rubber, conveyor belt, composites.

RELEVANT STANDARDS

- TS EN ISO 7500-1/527-3/6892-1
- TS 1398-1EN ISO 527-1
- TS ISO 37

TECHNICAL INFORMATION

- Stopping, depending on the Breakout/Fracture or distance.
- Maintenance-free, solid and reliable structure
- Colour touch screen.
- Rapid return to the starting point.
- Emergency stop button.
- 4 columns, 2 screws system.
- Sensitivity is $\pm 0,5\%$.
- In tensile tests, the direction of the movement is upwards.
- Operation Voltage is : 3 faz 380 V, 50 Hz.
- Power consumption is : max. 5 KVA
- Has units of Newton, kN, Kg and Mpa.
- Speed adjustment is between 0.001-500.000 mm/min.
- Standard software is available.
- Movement precision: 0,001 mm.
- The feature of speed depending on force (N/s).
- Turkish, English, French and Russia language options.

OPTIONAL ADDITIONS

- Different jaw models available.
- Custom made software.
- Computer and printer connections.
- Additional equipment for special tests.
- Extensometer.
- Warm - cold ambient test chambers.
- Metal or plexiglas safety cage.
- Light barrier.

MODELLER	DVT FU D NN	DVT FU D NU	DVT FU D GN	DVT FU D GU
PULL LENGTH (except jaw) mm	1240	1800	1200	2000/3000
DISTANCE BETWEEN COLUMNS (mm)	520	520	1060	1060
G x D x Y cm	107x69x209	110x70x258	163x70x210	163x70x350
WEIGHT- KG	420	450	350	780
CAPACITY OPTIONS kN	50, 100			
MAX. SPEED mm/min.	0.001-500.000			

Note: Devotrans reserves the right to modify the equipment described in the brochure. The model in the picture may not be the latest one.