

DVT FU50 D NN

TENSILE AND COMPRESSION TEST EQUIPMENT



**UNIVERSAL TEST EQUIPMENT FOR HIGH CAPACITY TENSILE
AND COMPRESSION TESTS**

DVT FU50 D NN

TECHNICAL SPECIFICATIONS

Used for tensile and compression tests on high resistance materials such as metals etc.

USED IN

- Metal manufacturers.
- Wire manufacturers.
- Laboratories.
- Rope manufacturers.
- Bolts, screws, studs etc. fastener manufacturers.

SOME OF THE TESTS CAN BE APPLIED

- Rupture, elongation, compression, flexion, permanent deformation, puncture tests.

MATERIALS CAN BE TESTED

- Metals, springs, sheet metal profiles.
- Steel, iron.
- Cables, steel wires.
- Car industry and car industry suppliers.
- Fibre-reinforced composites.

RELEVANT STANDARDS

- TS EN ISO 898-1:2013
- TS EN ISO 7500-1
- TS EN ISO 527-3
- TS EN ISO 6892-1 / 6892-2
- TS 1398-1 EN ISO 527-1

TECHNICAL INFORMATION

- Operating voltage: 220/380 V, 50 Hz, triphased.
- Energy consumption: 7,5 KVA.
- Stopping, depending on the rupture/fracture or distance.
- Maintenance-free, solid and reliable structure.
- Touch screen display.
- Rapid return to the starting point.
- Emergency stop button.
- System with 4 columns and 2 screws.
- Capacity: 50 tons (500 kN).
- Precision: $\pm 0.5\%$.
- Direction of movement: Upwards in tensile tests.
- Force unit: Newton, Kg or Mpa.
- Range of velocity: 0.002 - 250 mm/min.
- Language options: Turkish, English, French, Italian and Russian
- Computer and printer connection.

OPTIONAL ADDITIONS

- Specially developed software.
- Different jaw models available.
- Additional devices for special tests.
- Extensometer.
- Cubicles for hot and cold environment tests.
- Metal safety cage.
- Range of velocity: 0.002 - 500 mm/min.

APPROXIMATE DIMENSIONS AND WEIGHT

MODELS	FU50 D NN	FU50 D NU
PULL LENGTH (except jaw) - mm	1220	1990
W * D * H cm	142*120*265	142*120*342
WEIGHT Kg	2555	2750
DISTANCE BETWEEN COLUMNS - mm	600	
CAPACITY - kN	500	

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