

DVT FU30 D NN

TENSILE AND COMPRESSION TEST EQUIPMENT



UNIVERSAL TEST EQUIPMENT FOR HIGH CAPACITY TENSILE
AND COMPRESSION TESTS

DVT FU30 D NN

TECHNICAL SPECIFICATIONS

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

USED IN

- Metal manufacturers.
- Wire manufacturers.
- Laboratories.
- Rope manufacturers.
- Composite manufacturers
- Gypsum, chemical mixtures

SOME OF THE TESTS CAN BE APPLIED

- Break, compression, extension, permanent deformation, piercing tests.

MATERIALS CAN BE TESTED

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

RELEVANT STANDARDS

- TS EN ISO 7500-1/527-3/6892-1
- TS 1398-1 EN 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.
- System with 4 columns and 2 screws.
- Capacity: 20 tons, 25 tons or 30 tons.
- Precision: $\pm 0.5\%$.
- Direction of movement: Upwards in tensile tests.
- Operating voltage: 220/380 V, 50 Hz, triphased.
- Energy consumption: 5,5 KVA.
- Force unit: Newton, kg or Mpa.
- Range of velocity: 0.001 – 250.000 mm/minutes.
- Turkish, English, French, Italian and Russian language options.

OPTIONAL ADDITIONS

- Specially developed software.
- PC-controlled customized manufacturing.
- Computer and printer connection.
- Different jaw models available
- Additional devices for special tests.
- Extensometer.
- Cubicles for hot and cold environment tests.
- Metal safety cage.
- Range of velocity: 0.001 – 500.000 mm/minutes.

TYPES	FU30 D NN	FU30 D NU
PULL LENGTH (except jaw) - mm	1200	1500/1700
DISTANCE BETWEEN COLUMNS - mm	570	
Width x Depth x Height - cm	131x75x224	131x75x270
WEIGHT- KG	800	830
CAPACITY OPTIONS - kN.	200, 250, 300	
MAX. SPEED - mm/min.	0.001-250.000	

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