

## DVT FU20 D NN

TENSILE AND COMPRESSION TEST EQUIPMENT



UNIVERSAL TEST EQUIPMENT FOR HIGH CAPACITY TENSILE  
AND COMPRESSION TESTS

## DVT FU20 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.

#### 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: 15 tons or 20 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 – 500.000 mm/min.
- Turkish, English, French, Russia 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.

TYPES	FU20 D NN	FU20 D NU
PULL LENGTH (except jaw) - mm	1300	1500/1700
DISTANCE BETWEEN COLUMNS - mm	570	
G x D x Y - cm	122x78x230	122x78x270
WEIGHT- KG	665	685
CAPACITY OPTIONS- kN.	150, 200	
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.

