

**Series DVT FU D(DLC)**

TENSILE, COMPRESSION TESTING MACHINE



UNIVERSAL TESTING MACHINE FOR HEIGH 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 1398-1 EN ISO 527-1
- TS ISO 37

#### ■ TECHNICAL INFORMATION

- Stopping, depending on the Breakout/Fracture or distance.
- Maintenance-free, solid and reliable structure
- 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 mm/min.
- Standard software is available.
- Movement precision: 0,001 mm
- The feature of speed depending on force (N/s)
- Turkish and English 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.

MODELS	DVT FU D NN	DVT FU D NU	DVT FU D GN	DVT FU D GU	DVT FU 20 D NN	DVT FU 20 D NU
PULL LENGTH (EXCEPT JAW) mm	1240	1800	1200	2000/3000	1300	1500/1700
DISTANCE BETWEEN COLUMNS (mm)	520	520	1060	1060	570	570
W x D x H cm	107x69x209	110x70x258	163x70x210	163x70x350	122x78x23	122x78x270
WEIGHT- KG	420	450	350	780	665	685
CAPACITY OPTIONS kN	50, 100	50, 100	50, 100	50, 100	150, 200	150, 200
MAX. SPEED mm/min.	0.001-500	0.001-500	0.001-500	0.001-500	0.001-500	0.001-500

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