CONCRETE PIPE TESTING MACHINE

Product Code

UTC-5805.FPR	Concrete Pipe Testing Machine, 500 kN
UTC-5808.FPR	Concrete Pipe Testing Machine, 800 kN
UTC-5810.SVD2	Servo Controlled Concrete Pipe Testing Machine, 1000 kN

Models for 220-240V 50-60 Hz, 1 ph.		
UTC-5805.FPR	UTC-5808.FPR	UTC-5810.SVD2

Models for 110-120V 60 Hz, 1 ph.		
UTC-5805.FPR-N	UTC-5808.FPR-N	UTC-5810.SVD2

Standards

EN 1916

Concrete pipe testing machines are consisting of a frame and a hydraulic power pack. The frame consist of 2 extra rigid columns and carrying chassis. A double acting actuator is integrated on the upper beam .The actuator has an anti-rotation system to prevent the natural tendency of the actuator to rotate. The stroke of the double acting actuator is 500 mm. Load cell is used for precise load measurement and closed loop control.

The machines can also test fittings of the sewer pipes, drain pipes and concrete pipes as well as box culverts (EN 14844) when used with optional accesories.

Spreader beam is detachable from the actuator and the bottom bearer is V-shaped with an angle of 150°. During pipe loading the system permits spreader beam to rotate 360 degres at horizontal plane and allows it to move at vertical plane for a minimum value of ±8°. As an option 3- and 4-point bending accessories are available. Upper beam height pre-adjustment is done with a hydraulic piston to enable the load piston to work witin larger stroke limits. Locking pins are used to manually fix the upper beam on the columns.

UTC-5805.FPR Machine for pipes with an OD of 200-2000 mm and a maximum length of 2000 m has UTC-4840FPR-N Power Pack with U-Touch PRO control unit.

UTC-5808.FPR Machine for pipes with an OD of 200-2600 mm and a maximum length of 3000 m has UTC-4840FPR-N Power Pack with U-Touch PRO control unit.

UTC-5810.SVD2 Machine for pipes with OD 200mm to 3700 mm and max. length 3000 m has UTC-4870.SVD2 power pack with servo valve and advanced motion control unit.

The machines are supplied complete with V shaped bottom bearer on the chassis.

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