

## Tilting test benches

### Series TTS

Series of test benches able to test the valve in horizontal, vertical or inclined (tilting) position to simulate the real work.

In horizontal position it's easier to place the valve into the test bench and it's also possible to assembly some particulars as bellows, actuators, steering and so on.

In vertical position the evacuation of the air out the valve is assured during the water filling.

- valve range under testing from 1/2" to 16" (up to 36" optional)
- maximum reaction force up to 200 tons
- test according to API, ANSI, DIN, BS, ISO, EN
- hydraulic pressure test up to 4000 bars
- gas pressure test up to 2100 bars
- cavity line
- analogical or electronic leakage measuring systems
- ATEX conformity (optional)



TTS 1



TTS 2

## Tilting test benches

Type of the test bench	Valve size and ANSI class		Max reaction force (in tons)	Inner distance between column structure (in mm)	Distance between center flanges w/o adapters (in mm)		Low pressure pneumatic test	High pressure liquid test
	Min	Max			Min	Max		
<b>TTS-100</b>	2" 2500	12" 300	100 tons	700 mm	100	1000	0-7 bar at plant line	0-700 bar (**)
<b>TTS-200</b>	2" 2500	16" 600	200 tons	900 mm	300	1300	0-7 bar at plant line	0-700 bar (**)

\* ) Gas test systems up to 2100 bar available on request

\*\* ) Liquid (water) test systems up to 4000 bar available on request

