

Horizontal test benches

Series HTS

- horizontal test benches with one or two screws, in symmetrical or inclined (30° or 45°) position
- valve range under testing from 1/2" to 84"
- maximum reaction force up to 5000 tons
- test according to API, ANSI, DIN, BS, ISO, EN
- hydraulic pressure test up to 4000 bars
- gas pressure test up to 2100 bars
- vacuum system
- cavity line
- single or double valve support/jack
- analogical or electronic leakage measuring systems
- ATEX conformity (optional)



HTS 1



HTS 2



HTS 3



HTS 4

Horizontal 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		
HTS-20	1/2" 2500	4" 900	20 tons	300 mm	0	600	0-7 bar at plant line (*)	0-700 bar (**)
HTS-100	1/2" 2500	8" 900	100 tons	680 mm	50	800	0-7 bar at plant line (*)	0-700 bar (**)
HTS-200	2" 2500	12" 900	200 tons	1050 mm	100	1200	0-7 bar at plant line (*)	0-700 bar (**)
HTS-300	2" 2500	16" 900	300 tons	1010 mm	100	1300	0-7 bar at plant line (*)	0-700 bar (**)
HTS-450	4" 2500	24" 600	450 tons	1280 mm	200	1800	0-7 bar at plant line (*)	0-700 bar (**)
HTS-600	4" 2500	30" 600	600 tons	1420 mm	200	2060	0-7 bar at plant line (*)	0-700 bar (**)
HTS-800	6" 2500	34" 600	800 tons	1600 mm	400	2560	0-7 bar at plant line (*)	0-700 bar (**)
HTS-1100	6" 2500	42" 600	1100 tons	2120 mm	400	2930	0-7 bar at plant line (*)	0-700 bar (**)
HTS-1800	8" 2500	48" 600	1800 tons	2200 mm	480	3180	0-7 bar at plant line (*)	0-700 bar (**)
HTS-2600	12" 2500	60" 600	2600 tons	2800 mm	600	4875	0-7 bar at plant line (*)	0-700 bar (**)
HTS-4000	12" 2500	84" PN 100	4000 tons	3000 mm	600	5100	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