

HYDRO EQUIPMENT

LP+HP 10/400 bar



Hydropneumatic equipment, designed for CO₂/powder cylinders leakage hydraulic testing (by two different pressure ranges). It's composed by a stout steel control box equipment, epoxy powder painted and fitted with following devices:

- Stainless steel hydraulic double-acting pressure multiplier, controlled by a two-way pneumatic plunger (testing pressure adjustable from 70 up to 400 bar for CO₂ cylinders), equipped with glycerine control gauge (0-600 bar) certified
- Stainless steel hydraulic double-acting pressure multiplier, controlled by a two-way pneumatic plunger (testing pressure adjustable from 10 up to 70 bar for powder cylinders), equipped with glycerine control gauge (0-100 bar) certified
- Plungers driving pneumatic distributors
- Deviation and interception high pressure valves
- Compressed air filter-regulator-lubricator unit
- Inlet air pressure gauge
- Air pressure adjusting gauge
- Stainless steel water stocking tank (30 l)
- High pressure interception valves
- High pressure piping, for MULTI-TEST RAMP joining
- Gauges jointing hp pipes

HYDRO pumps both capacity and pressure are adjustable from 10 up to the maximum test pressure required, by means of a compressed air pressure adjuster. On proper pressure reaching, pump blocks automatically while cylinder inner water remains under pressure until depressurization valve opens.

TECHNICAL CHARACTERISTICS

- Compressed air feed : 2 - 8 Bar
- Air consumption : 360 N lt./min. at 4 bar
- Test pressure : 10 - 400 bar
- Water capacity : 70 l/hour
- Dimensions/weight : 500x700mm
ht 1.500 mm / 150 kg

HYDRO is suitable to be equipped with following optional device:

HYDRO RACK (Multi-test ramp, 3/5 seats or multiples), made of an hot-galvanized steel section rack, suitable for any cylinder sized from 2 up to 40 kg. It's equipped with an inox steel manifold, fitted with:

- High pressure interception valves
- High pressure flexible pipes for cylinders jointing
- Quick clutches for cylinders jointing
- Steel fittings with a W28.8x14 thread per inch blowdown
- Cylinders water-draining compressed air device, equipped with:
- Steel pipe for air feeding jointing
- Rilsan spiral pipes
- "T" joints
- Quick clutches, for a multi-test ramp jointing
- Females for quick clutches

OPTIONALS

- Steel fittings with a 1" 11.5 N.G.T. blowdown
- Steel fittings with a 30x1.5 mm blowdown
- Other fittings on request
- Safety grille zinc-plated steel made equipped with safety device