



ALL TIME

HYDRAULIC JACK UP SYSTEM

ALL TIME offers high quality Hydraulic Tank Jack System to lift and level tank course for top-down constructed storage tanks, which allows shell plates horizontal and vertical welding to be done efficiently and safely on the ground manually or with ALL TIME Automatic tank welder.

The ALL TIME YT25-2700 Tank Jack System comes in modules with capacities up to 2500 metric tons, it is capable of lifting storage tanks weight from 15 to 1500 metric tons with the appropriate number of modules.



Features:

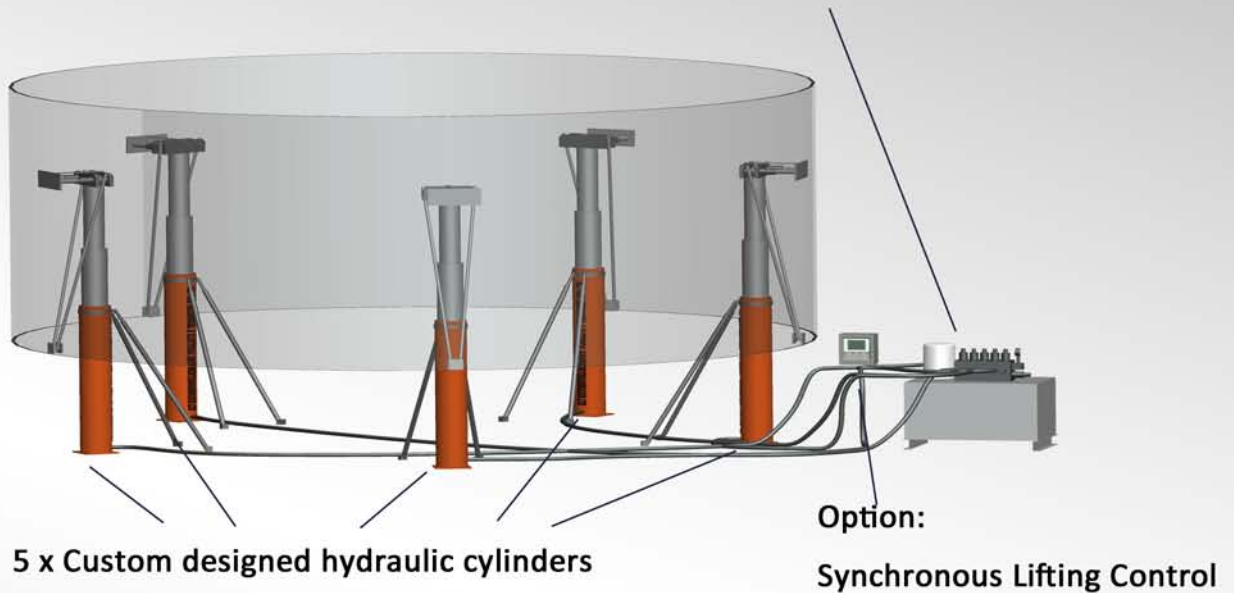
- 1) Rugged single acting cylinder- single piston head at the end of the hydraulic cylinder where pressure is applied, return of piston is driven by its own weight.
- 2) Application specific high quality Australia made sealing
- 3) High capacity electric hydraulic pump driven by Siemens AC motor
- 4) Cylinder mounting attachments and other accessories for tank jacking to be offered with the system package
- 5) Handheld control pendant for valve control
- 6) User friendly PLC base synchronous lift control system (Optional) with stroke sensor to control the stroke of up to 100 lifting points to minimize leveling time.

TEL: +852-2407-6414



Standard module components:

1 x AC electric hydraulic pump with manifolds, solenoid control valves, hoses



ALL TIME Advantages:

- Simple operation, adjustable loading capacity, stable & consistent elevation
- Compatible with automatic welders for tank ID and OD welding.
- Module design provides flexibility for the same system to lift a single high capacity tank or multiple smaller tanks with simple re-configuration.
- Site supervision and support by the experience service team of ALL TIME can be provided

Technical Parameters:

Model	YT250-2700
Effective lifting stroke	Max. 2600mm
Lifting force per cylinder	Max. 250 kN
Lift pressure per cylinder	Max. 20 MPa
Lift speed	220 mm/min
Pump Flow rate	14.4L/min
Operating distance (hydraulic pump to cylinder)	< 6m
Operation temperature	-10 to 60°C *with the correct selection of oil
Standard Hydraulic pump input voltage	380VAC/3ph/50Hz
Weight of hydraulic cylinder	400kg
Weight of hydraulic pump	200kg
Total weight of standard hydraulic jacking module	2,200kg

Note: 1 set of hydraulic jack up system: 1 hydraulic power unit + 5 hydraulic cylinders

Visit us at: www.alltimewelding.com

