

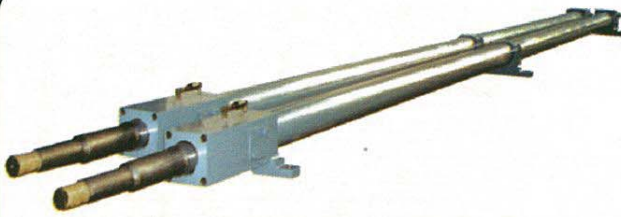
FLUID POWER

AT THE FOREFRONT

- .. GIVING SOLUTIONS FOR CONTROLLING TRANSMISSION OF ENERGY BY FLUID IS .. **OUR JOB**
- .. OFFERING CUSTOM BUILT HYDRAULIC SYSTEMS TO SUIT YOUR REQUIREMENT IS .. **OUR DEDICATION**
- .. IF YOU ARE LOOKING FOR HIGH QUALITY, RELIABILITY, AND SAFETY, WHILE MAINTAINING COST ECONOMY .. **TRY US.**



Hydraulics For Steel Plants



150 mm bore x 6400 mm stroke,
hydraulic cylinders for casting machine in spun pipe plant.



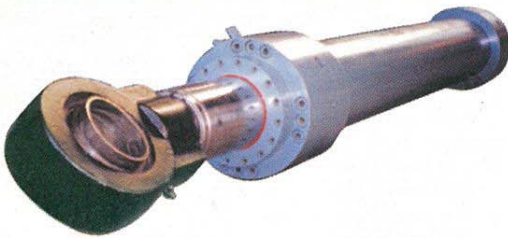
350 mm bore x 3658 mm stroke, hydraulic tilt cylinders
for Birlec arc furnace (weight approx. 5500 kgs.)



hydraulic cylinders for spirally welded pipe plant.



300 mm bore x 2160 mm stroke,
tilt cylinders for ABB arc furnace.



300 mm bore x 2160 mm stroke, hydraulic
tilt cylinder for U.H.P arc furnace.



280 mm bore x 1205 mm stroke, walking beam lift cylinder.



160 mm bore x 6450 mm stroke,
hydraulic cylinder for seamless steel tube plant.



200 mm bore x 1500 mm stroke, electrode regulating cylinders
for 7.5 MVA submerged arc furnace.



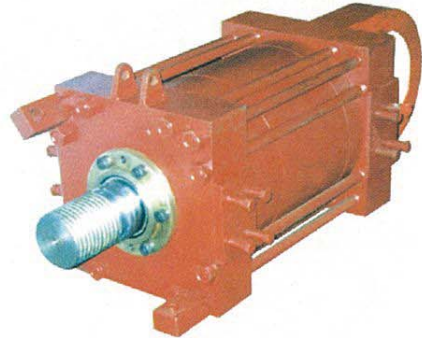
280 mm bore x 5000 mm stroke, hydraulic cylinders
(each weighing 5700 kgs) along with valve blocks for coiler retractor in hot strip mill.



Hydraulics For Cement Mills



500 mm bore x 200 mm stroke, cylinder for raw mill of cement plant.



380 mm bore x 375 mm stroke, cylinder for Loesche mill in cement plant.



125 mm bore x 400 mm stroke, hydraulic cylinder for coal crusher.



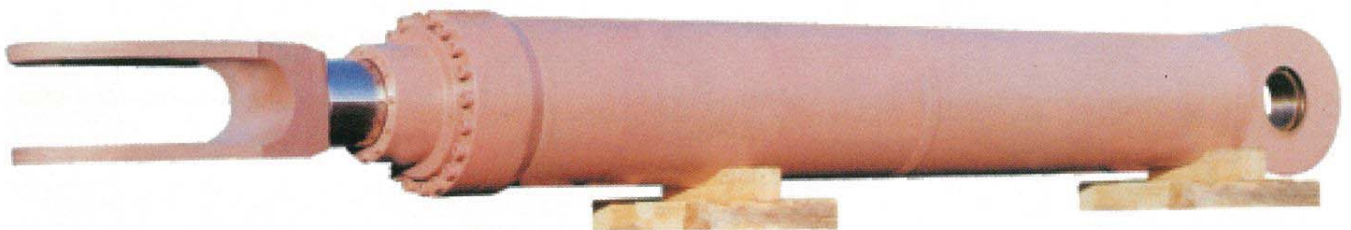
700 mm ram diameter, flat cylinder under testing at load of 500 tons.



Hydraulic cylinders for tripple gate mechanism.



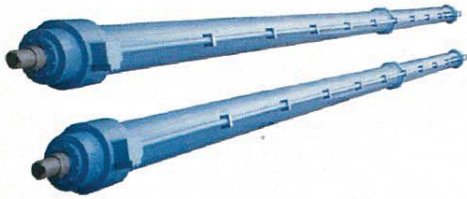
160 mm bore x 3000 mm stroke, hydraulic cylinder for stacker harrow mechanism.



280 mm bore x 2800 mm stroke hydraulic cylinder for Boom Luffing in Bulk Terminal.

Hydraulics For Operating Dams Gates

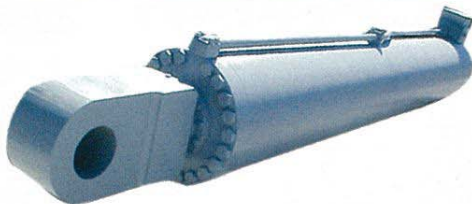
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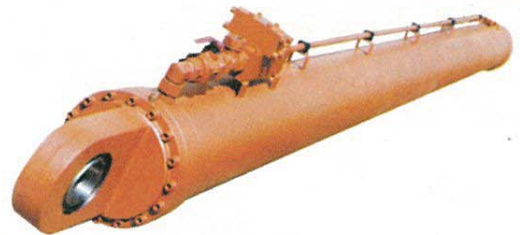
280 mm bore x 10800 mm stroke, 50 tons capacity hydraulic hoists, (each weighing 4300 kgs) for operating emergency gates of Tons Hydro Electric Project.



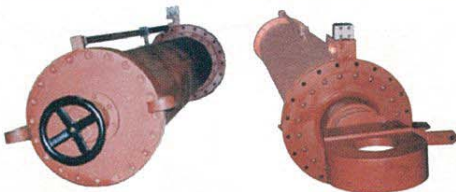
240 mm bore x 4700 mm stroke, 40 tons capacity hydraulic hoists for intake gates of Shivpur Hydro-Electric Project.



300 mm bore x 4000 mm stroke, 60 tons capacity double acting hydraulic hoists for operating intake gates of Vir Hydro Electric Project.



260 mm bore x 5000 mm stroke, 50 tons capacity hydraulic hoist for operating intake gate of Jayakwadi Hydro-Electric Project.



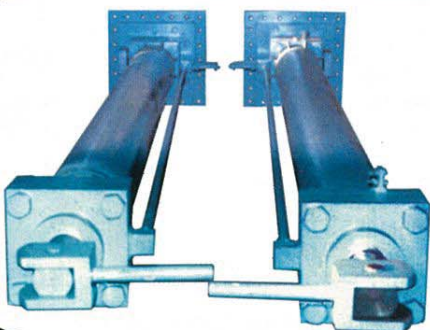
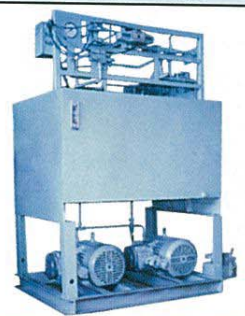
490 mm bore x 3300 mm stroke, 200 tons capacity, double acting, bonnet cover mounted, hydraulic hoists (each weighing 4800 kg), for operating service & emergency gates of Upper Indravati Hydro Electric Project.



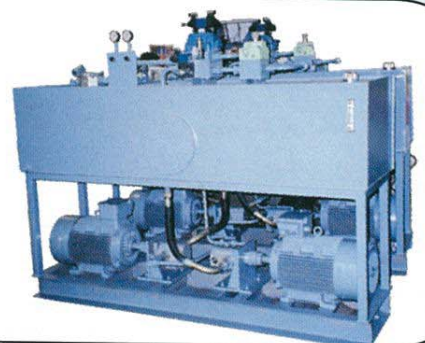
240 mm bore x 4600 mm stroke, 37.5 tons capacity double acting hydraulic hoists for operating sluice gates of Tons Hydel Project.



280 mm bore x 7000 mm stroke, 50 tons capacity hydraulic hoists and power pack unit for operating intake gates of Rajghat Hydro Electric Project.

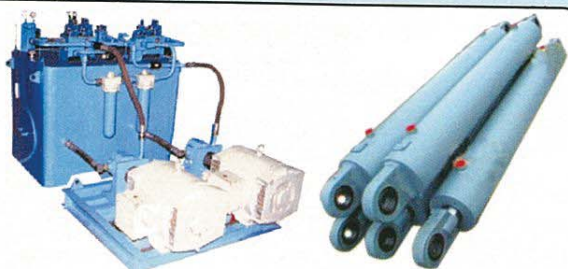


250 mm bore x 3500 mm stroke, double acting, bonnet cover mounted, hydraulic hoists and power pack unit for operating low level sluice gates of Kopili Hydro Electric Project.

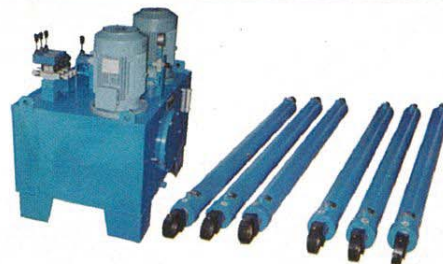


Hydraulics For Offshore Applications

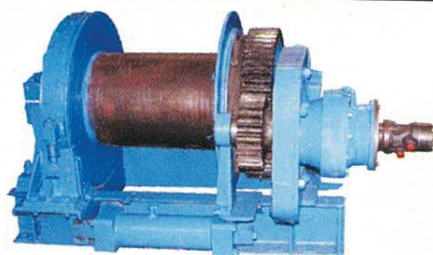
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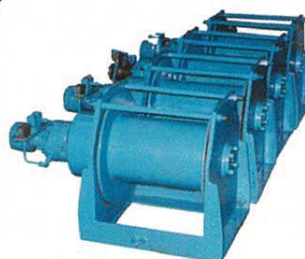
Hydraulic cylinders & power pack for operating 500 ton jack-up barge.



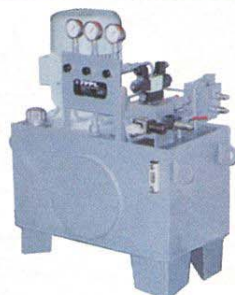
Hydraulic cylinders & power pack unit for 100 tons jack-up barge.



15 tons line pull hydraulic winch for marine application.



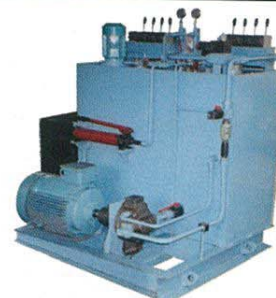
7.5 tons line pull hydraulic winches for marine application.



IRS approved hydraulic steering system of 2.5 ton-mtr torque with balanced rams & standby helm pump, for twin rudder vessel.

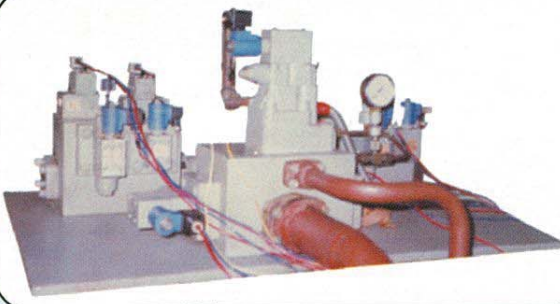


320 mm bore x 2250 mm stroke, hydraulic cylinders & power pack unit (with 75 HP engine) for 250 cu. m. split barge.



220 mm bore x 1200 mm stroke, hydraulic cylinders & power pack unit (with 30 HP motor) for operating doors of hopper barge.

Hydraulics For Other Applications



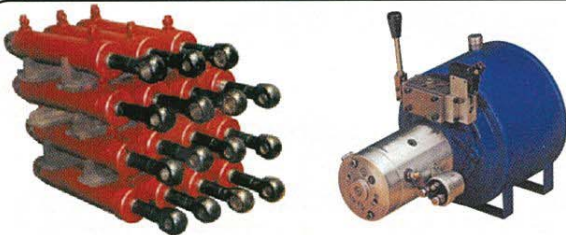
180 mm bore x 7600 stroke, hydraulic cylinders for high speed (1 m/sec) compaction presses operated through logic controlled cartridge valve blocks, proportional valves and hydraulic power packs having flow of 1050 lit/min. (with 200 HP electric motors).



2 stage, telescopic cylinder of 3000 mm stroke, for joy ride in amusement park.



150 mm bore x 7200 mm stroke, hydraulic cylinder for telescopic boom of mobile crane.



Hydraulic system consisting of 2 Nos. hydraulic boom cylinders, operated by a 24 volts d.c. motor power pack, for Vijayanta Tank ARVs.



300 mm bore x 2250 mm stroke, double acting hydraulic cylinder for filter press.



200 mm bore x 5000 mm stroke, and 150 mm bore x 6500 mm stroke, hydraulic cylinders for Vertical D C Casting Machine.



200 mm bore x 6450 mm stroke high speed hydraulic cylinders for ductile iron spun pipe plant.



Hydraulic power pack & valve stands, having flow dividing motors, for synchronous operation of 54 nos hydraulic cylinders, in spirally welded pipe plant.

Hydraulics For Other Applications

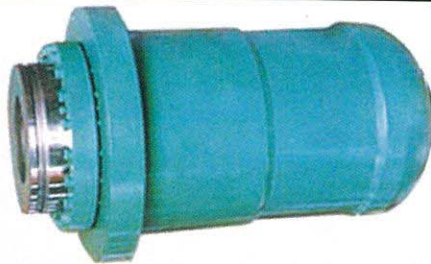
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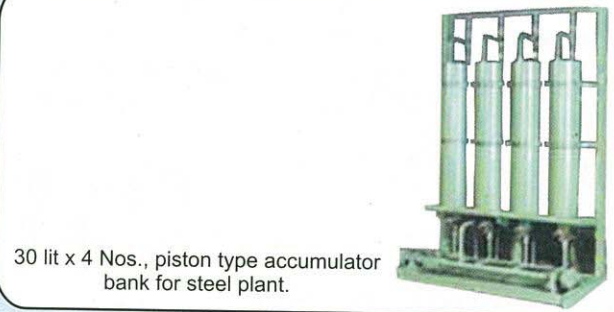
Hydraulic cylinders for Tunnel Boring Machine.



200 mm bore x 4250 mm stroke, hydraulic cylinder for Copper Tube Mill.



580 mm bore x 860mm stroke, hydraulic ram for 1000 ton press.



30 lit x 4 Nos., piston type accumulator bank for steel plant.



Stainless steel cylinders for under water application.



Hydraulic cylinders for steering system of drill-ship.



220 mm bore x 2100 mm stroke, double acting cylinder for cotton baling press.



Hydraulic system for synchronous lifting of 6000 mm x 6000 mm platform used for assembly of turbine rotors, consisting of 4 nos., 4 stage telescopic cylinders of 10 metres stroke, operated through flow dividing motors & special stroke synchronizing valves.