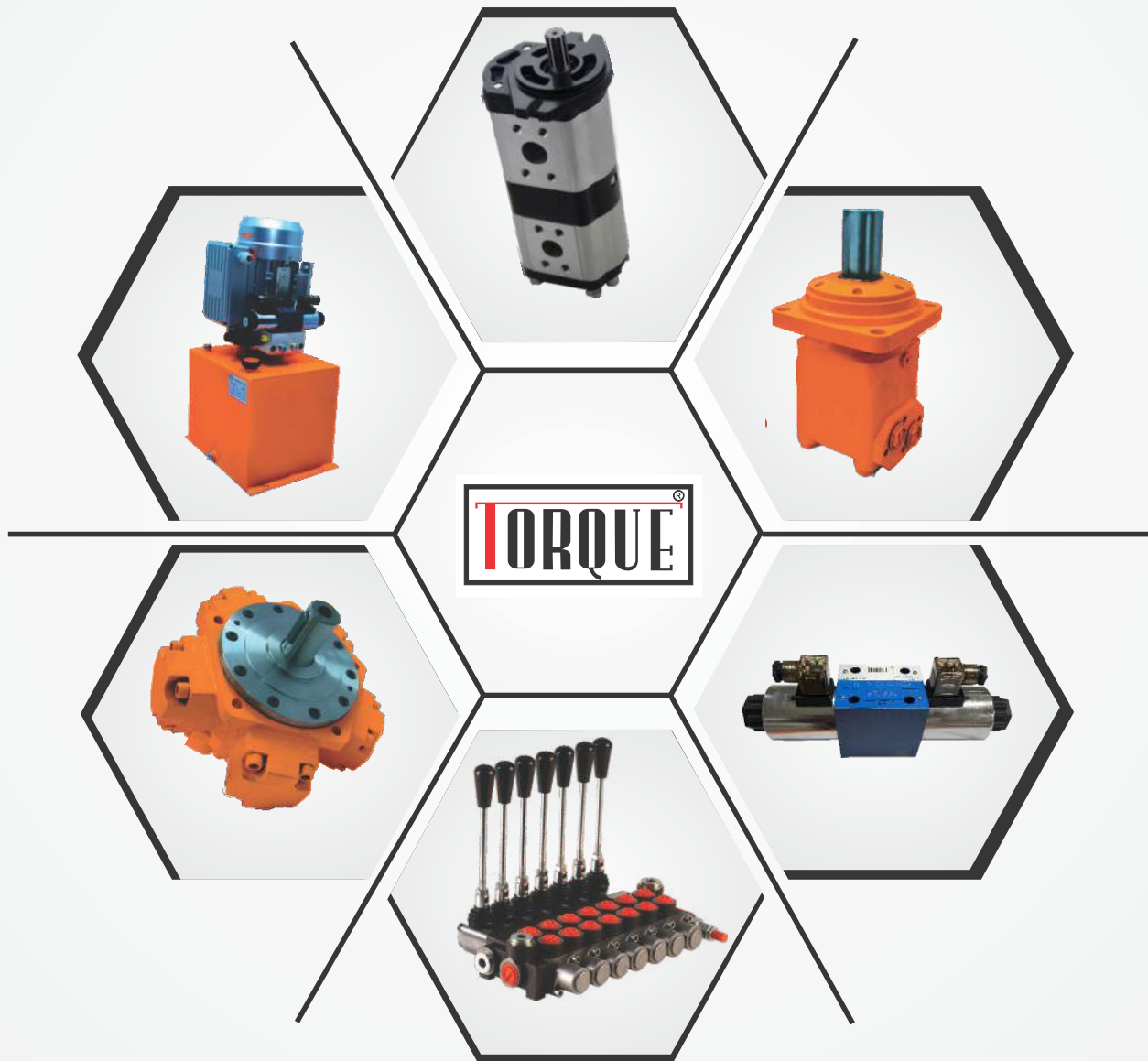




House Of  
Hydraulics

# TARGET

HYDRAUTECH PVT. LTD.



Hydraulic Valves, Motors, Pumps,  
AC / DC Compact Power Pack & Accessories

## ORBITAL MOTOR



- ⊗ Displacement : 8.02 to 750 cm<sup>3</sup> / rev  
Compact and High Volumetric Efficiencies
- ⊗ Torque : 800 NM max.
- ⊗ Spool Valve Motors
- ⊗ Type : **TMM, TMP, TMR, TMH**

## ORBITAL MOTOR



- ⊗ Displacement : 8.02 to 985 cm<sup>3</sup> / rev  
Compact and High Volumetric Efficiencies
- ⊗ Torque : 2400 NM max.
- ⊗ Disc Valve Motors.
- ⊗ Type : **TMS, TMT, TMV**

## RADIAL PISTON MOTOR



- ⊗ Displacement : 100 cm<sup>3</sup> to 16000 cm<sup>3</sup> / rev
- ⊗ Low Speed and High Torque Motors
- ⊗ Torque : 14,000 NM
- ⊗ **TMDG 1 to TMDG 100**

## AXIAL PISTON MOTOR



- Type : Variable & fixed piston motor
- Displacement : 10 to 355 cm<sup>3</sup> / rev
- Pressure : Max. 400 bar
- Body : Nickel & Aluminum
- THPM, A2FM, A2FE**

## STEERING UNIT



- ⊗ Displacement : 50 to 400 cm<sup>3</sup> / rev
- ⊗ Low cost , reliable unit.
- ⊗ Driving comfort, with manual operation for emergencies.
- ⊗ Low torque for continuous operation.
- ⊗ Priority valve type and Torque amplifiers available.

## SPHERE & PLANETARY MOTOR



- ⊗ Brake Motors With Shuttle Valve
- ⊗ Planetary and brake reduce motor for orbital and piston motor
- ⊗ Torque : 15,000 NM
- ⊗ Brake Torque : 2500 NM



**VARIABLE PISTON PUMPS**



**Variable Piston Pumps, for Energy Saving**

- **TA Series** - Displacement : 37 to 140 cm<sup>3</sup>/rev  
Max: Pr 210 bar
- **TA10VSO** - Displacement : 18 to 140 cm<sup>3</sup>/rev  
Max: Pr 350 bar
- **TAR SERIES** - Displacement : 10, 16, 22cm<sup>3</sup> /rev

**VARIABLE VANE PUMPS**



- Displacement : 12 cm<sup>3</sup> to 40 cm<sup>3</sup>/rev
- Single & Double Stage Available
- High Efficiency and Low Noise
- Direct Coupled Electric Motor  
Single Stage : **TVP** : 12,20,30,40  
Dual Stage : **TVP** : 12-12, 20-20, 30-30, 40-40

**FIXED AXIAL PISTON PUMP**



**Variable Piston Pumps, for Energy Saving**

- **THPP Series** - Displacement : 10 to 355 cm<sup>3</sup>/rev
- **TA2F** - Displacement : 10 to 500 cm<sup>3</sup>/rev
- **TA2FO** - Displacement : 10 to 100 cm<sup>3</sup>/rev

**VANE PUMP**



- **Vickers Equivalent** : 20V, 25V, 35V, 45V
- **PVR Series** : 4 to 51 cm<sup>3</sup>/rev
- **PV2R Series** : PV2R1, PV2R2 & PV2R3 Available
- **CARTRIDGES** : Vickers & Yuken Equivalent

**INTERNAL GEAR PUMP**



- Displacement : 8 to 100 Cm<sup>3</sup> / rev
- Pr : 280bar max.
- Low Pulsation and Noise
- Single and Double Displacement
- **TGP1, TGP2, TGP3**

**GEAR PUMP**



- |                |  |
|----------------|--|
| Displacement   | 1 cm <sup>3</sup> / rev to 100 cm <sup>3</sup> / rev |
| CC/revPressure | Up to 250 bar  |
| BAR FRAME SIZE | <b>1P, 2P, 3P</b>                                    |
| STAGES UPTO    | 4th Stage  |

## Compact Power Pack

### DC COMPACT POWER UNIT



- ⊗ Voltage Rating : 12V, 24V, 48V
- ⊗ Power Rating : 0.8kw / 1.6kw / 2.2kw
- ⊗ Pump Option : 1.00 to 9.00 cm<sup>3</sup>/rev
- ⊗ Manifold Option : Single Acting
- ⊗ Tank option : 6L, 8L, 10L,12L,15L, 25L, 35L, 50L & Customized

### DC COMPACT POWER UNIT



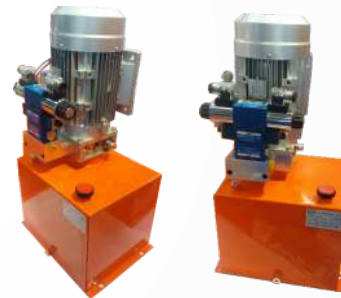
- ⊗ Voltage Rating : 12V, 24V, 48V
- ⊗ Power Rating : 0.8kw / 1.6kw / 2.2kw
- ⊗ Pump Option : 1.00 to 9.00cm<sup>3</sup>
- ⊗ Manifold Option : Double Acting
- ⊗ Tank option : 6L, 8L, 10L,12L,15L, 25L, 35L, 50L & Customized

### AC COMPACT POWER UNIT



- ⊗ Power Rating : 1HP / 2HP / 3HP / 5HP
- ⊗ Voltage Rating : 230V / 380V
- ⊗ Pump Option (cm<sup>3</sup> / rev): 1.00 / 2.00 / 3.3 / 4.2 / 5.8 / 7.00 / 9.00
- ⊗ Manifold Option : Single Acting
- ⊗ Tank option : 6L, 8L, 10L,12L,15L, 25L, 35L, 50L & Customized

### AC COMPACT POWER UNIT



- ⊗ Power Rating : 1HP / 2HP / 3HP / 5HP
- ⊗ Voltage Rating : 230V / 380V
- ⊗ Pump Option (cm<sup>3</sup> / rev): 1.00 / 2.00 / 3.3 / 4.2 / 5.8 / 7.00 / 9.00
- ⊗ Manifold Option : Single Acting
- ⊗ Tank option : 6L, 8L, 10L,12L,15L, 25L, 35L, 50L & Customized

### AC POWER UNIT



- ⊗ Power Rating : 1HP to 100HP
- ⊗ Voltage Rating : 230V / 415V
- ⊗ Pump Option : Upto 1000LPM
- ⊗ Manifold Option : As per customer requirements
- ⊗ Tank option : Upto 4000Ltrs.

### AC POWER UNIT



- ⊗ Power Rating : 1HP to 100HP
- ⊗ Voltage Rating : 230V / 415V
- ⊗ Pump Option : Upto 200 LPM
- ⊗ Manifold Option : As per customer requirments
- ⊗ Tank option : Upto 600 Ltrs



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**CARTRIDGE VALVE**

- Direction Type : 2/2, 3/2, 4/3 Way Position Valves Check Valve, Pilot Check Valves
- Relief : In-line, Pilot, Cartridge Style Valves Counter Balance Valves Flow Control Valves



**CARTRIDGE BLOCKS**

- Flow : 20, 40, 60 & 100LPM Available
- Pressure : 250 bar
- Coil Voltage : AC 220V, DC 12V, 24V
- Valves : Check Valve, Relief Valve, Flow Control, Valve & Solenoid Valve
- Model : CLB : 20 / 40 / 60 / 100



**DOUBLE CHECK SOLENOID VALVE**

- Popper Type Double Type
- Flow : 30LPM
- Pressure : 200bar
- Coil Voltage : AC 220V, DC 12V, 24V
- Model : DCV 18



**ACCUMULATOR**

- Damping of Vibration, Pulsations & Shocks
- Volume : Upto 200 Ltr.
- Pressure : 315 bar
- Types : Bladder, Diaphragm & Piston



**HAND PUMP**

- PRB - 12 : 12 cm<sup>3</sup> / Stroke
- PRB - 18 : 18 cm<sup>3</sup> / Stroke
- PRB - 25 : 25 cm<sup>3</sup> / Stroke
- Type : Single Acting & Double Acting
- Acting Available Oil Tank : 3L, 5L & As per requirement



**AIR COOLER**

- Size : 300mm to 1000mm
  - Flow : 5-500 LPM
  - Drives : 1/3, Phase, 12V, 24V
- Air Coolers is a simple means of dissipating heat, as they ensure that system temperature remains at its correct level



**HYDRAULIC WINCH**

Hydraulic winch is especially designed for heavy-duty lifting, pulling and towing operations. It is a good choice when an electric winch machine cannot match your operating and performance conditions.

- Capacity : Upto 150 tonne
- Customised Options



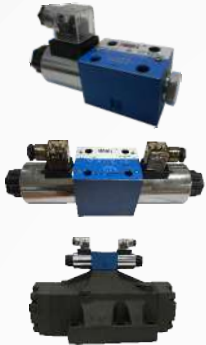
**HOSE BURST VALVE**

The hose burst valve is a flow operated flat seat valve.

- Direct Acting, Flat Seal Valve
- Size : 1/4 to 3/4"
- Pressure : 350bar

## HYDRAULIC VALVES

### DIRECTIONAL CONTROL VALVE



Directional Control Valves can be used for controlling direction of oil flow so as to operate start up, stop and moving direction of actuators in a hydraulic circuit.

Direct and Pilot Operated solenoid Valves  
Max Flow : 1100LPM  
Max Pr : 320 Bar

**Model : 4WE 6, 10, 16, 22 & 30 SIZE**

### PRESSURE & FLOW CONTROL VALVE



Direct and Pilot operated relief,  
Flow Control Valves  
Max Flow : 650LPM  
Max Pr : 350 bar

**Pressure Control : DB & DBW 10, 20, 30 SIZE**

**Flow Control : FG, FCG, SRCT, ZCG  
Size : 01, 02, 03 & 06**

### MODULAR VALVES



Modular valves are one kind of valves with out pipe connecting, which can meet the requirement of modern system in diversity and reasonable design.

They have mounting faces which meet with international standards (ISO 46601) and have proper body thickness according to requirement for control of a hydraulic system, single modules with different types of modular valve with mounting screws.

**Model : MSW, MRP, MBP, MRA, MPW  
Size : 06, 10, 16, 22 & 30 SIZE**

### PROPORTIONAL ELECTRO HYDRAULIC VALVES



These valves are one kind of controllers which control pressure or flow rate continuously vary in proportion with electric input signal.

Function : Flow and Pressure  
Ma Flow : 550LPM  
Max Pr : 250bar

**Model : EFBG, 03, 06 & 10  
EDG 01**

## Yuci Yuken



- Solenoid Valve** : DSG 01 to DSHG 10 i.e Flow From : upto 1100 LPM Pr 315 bar
- Relief Valve** : BG, BSG, BT, SERIES Type flow : upto 650 LPM Pr : 350 bar
- Modular Valve** : MPW, MSW, MRP, MBP SERIES Flow : upto 400 LPM Pr : 315 bar
- Electro Proportional Valve** : EDG 01, EFBG 03 /04/06/10 Flow Control Upto 500 LPM Pr 245 bar



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## Mobile Control Valve



### MONOBLOCK VALVE

#### Technical Parameters

Monoblock Valve with 1 to 7 levers available  
Capacity : 40 Lpm up to 120 Lpm  
Pressure : Up to 315 bar  
Operation : Single acting/ Double acting & cylinder/motor spool available  
Type : Spring return/detain type & Joystick also available



### SECTIONAL VALVE

#### Technical Parameters

Sectional Valve with 1 to 8 levers available  
Capacity : 80 lpm to 400 lpm  
Pressure : Up to 315 bar  
Operation : Single acting/ Double acting & cylinder/motor spool available  
Type : Spring return/detain type & Joystick also available  
Special Builds Including Solenoid and Pneumatically  
Operated Valves with check and flow control



### SOLENOID CONTROL VALVE

#### Technical Parameters

Monoblock & Sectional Valve with 1 to 7 levers available  
Capacity : 40 lpm to 400 lpm  
Pressure : Up to 315 bar  
Operation : Single acting/ Double acting & cylinder/motor spool available  
Type : 12VDC / 24VDC



### PNEUMATIC HYDRAULIC DIRECTIONAL CONTROL VALVES

Monoblock & Sectional valve with 1 to 7 levers  
Capacity : 40 lpm to 100 lpm  
Pressure : Up to 315 bar

Special Builds Including Solenoid and Pneumatically Operated Valves with check and flow control Valve



### MANIFOLD VALVE

A hydraulic manifold is a component that regulates fluid flow between pumps and actuators and other components in a hydraulic system. It could be compared to a switchboard in an electrical circuit, because it lets the operator control how much fluid flows between components of a hydraulic machinery



### HYDRAULIC ACCESSORIES

Our wide range of Hydraulic and Lubrication accessories are manufactured to standards worldwide in BSP / NPT and Metric sizes. We also manufacturer to custom design for many of our clients. We take pride in manufacturing high quality products at competitive prices whilst offering customer service that exceeds our clients expectations.



### HYDRAULIC VALVE

We are striving to play our best part in supply of next generation material handling products such as Hydraulic Ball valve, Needle Valves, Shut Off Valve, Check valves , Flow controls Valves (D.R.V )and Direction valves (D.V) all types of Hydraulic Fittings



### HYDRAULIC HOSE

We Offer Hydraulic hose high Pressure R1, R2, R3 for various hydraulic applications..



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**Sales Off. :**

Unit No.112, Vasundhara Industrial Estate, K.T.Park Phase 1,  
Opp. Arrow House, Goraipada, Vasai (East) - 401 208  
(Mumbai) Maharashtra (INDIA)  
Tel. : +91- 8691852761 / 8080750080 / 8080869456  
Email : sales@targethyd.com Web : targethyd.com

**BRANCHES :**

AHMEDABAD :8905138811 RAJKOT : 8080139929

## PRODUCT RANGE

- Solenoid and Modular Valves.
- Proportional & Relief Valves.
- Mobile Control Valve.
- Hydraulic Motors : Radial Piston & Orbital.
- Variable Displacement Axial Piston Pump.
- Fixed Displacement Axial Piston Pump.
- D.C. Compact Power Pack 12 V & 24 V.
- A.C. Compact Power Pack 1 HP to 5 HP.
- AC Power Pack 0.5HP to 100HP
- A.C. & D.C. Car Lift Block.
- Gear Pump
- Power Pack & Accessories.
- Accumulation
- Air Cooler