

FLUID POWER ENGINEERING · EST. 2009 · AHMEDABAD, INDIA

Precision Hydraulic Cylinders, Power Packs & Jacks — Engineered to Your Spec.

We design and manufacture custom hydraulic cylinders, power packs and lifting equipment for construction, manufacturing, material handling, marine and mining operations across India — every unit pressure-tested before it ships.

15+

Years Engineering
Hydraulics

03

Core Product
Lines

100%

Units Pressure-
Tested

2009

Founded in
Ahmedabad

PRODUCT RANGE

Cylinders, Power Packs & Jacks

Specified to your bore, stroke, pressure and mounting requirement — not selected off a shelf.

Precision Hydraulic Cylinders

Single & double acting cylinders — welded body, tie-rod and earthmoving duty — engineered for construction, manufacturing and material handling duty cycles.

Bore Range	25 mm - 400 mm
Stroke Length	Up to 6,000 mm
Working Pressure	3,000 - 5,000 PSI (207-345 Bar)
Seal Type	PU / NBR, custom seal kits
Mounting Style	Flange, Trunnion, Clevis, Foot

Hydraulic Power Packs (HPU's)

Compact bench units to high-pressure industrial packs — motor, pump, reservoir and controls integrated as one tested unit.

Motor Rating	1 HP - 100 HP
Flow Rate	2 - 250 LPM
Working Pressure	Up to 5,000 PSI (345 Bar)

Hydraulic Jacks & Lifting Equipment

Portable and industrial jacks, load-tested to rated tonnage before dispatch, with safety overload margins built into every ram.

Capacity	5 - 500 Tonnes
Working Pressure	Up to 700 Bar (10,000 PSI)

QUALITY ASSURANCE

Every Unit, Tested

- ✓ Held at 1.5× rated working pressure, 5-minute hold, zero leakage tolerance
- ✓ 100% load-tested to rated tonnage on jacks and rams
- ✓ Mill-certified alloy & stainless steel, matched to duty cycle
- ✓ Surface finish Ra ≤ 0.4 µm on rod & bore
- ✓ Designed to ISO 4413 & ISO 6020/6022 principles

INDUSTRIES SERVED

Built For

- Construction & Earthmoving
- Manufacturing Presses
- Material Handling
- Marine
- Mining