



COMPANY PROFILE

POWERING PERFORMANCE.
DELIVERING RELIABILITY.

ABOUT US

Assurance Hydrotech is a leading manufacturer of high-performance hydraulic solutions based in Pune.

We deliver durable, precision-engineered hydraulic systems for industrial, agricultural, and machinery applications.

Built using advanced technology and strict quality standards for reliable performance and long service life.



OUR PRODUCTS



HEAVY-DUTY HYDRAULIC CYLINDERS

Built for strength,
durability and
maximum safety.



DOUBLE-ACTING HYDRAULIC CYLINDERS

Smooth operation
and reliable
performance.



CUSTOM-BUILT CYLINDERS

Engineered to meet
your exact application
requirements.



AC/DC HYDRAULIC POWER PACKS

Compact, efficient
and designed for
continuous duty.

INDUSTRIES WE SERVE



CONSTRUCTION
EQUIPMENT



AGRICULTURE
MACHINERY



MATERIAL
HANDLING



STEEL & METAL
INDUSTRY



RENEWABLE
ENERGY



AUTOMATION &
MANUFACTURING

WHY CHOOSE US?

- Precision Engineering
- High-Quality Components
- Custom Solutions
- Timely Delivery
- Excellent After-Sales Support

**COMMITTED TO
QUALITY. DRIVEN BY
INNOVATION.**

Your Partner in Hydraulic Excellence.



CONTACT US:

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SR.NO. 703/2/2, Shantinagar,
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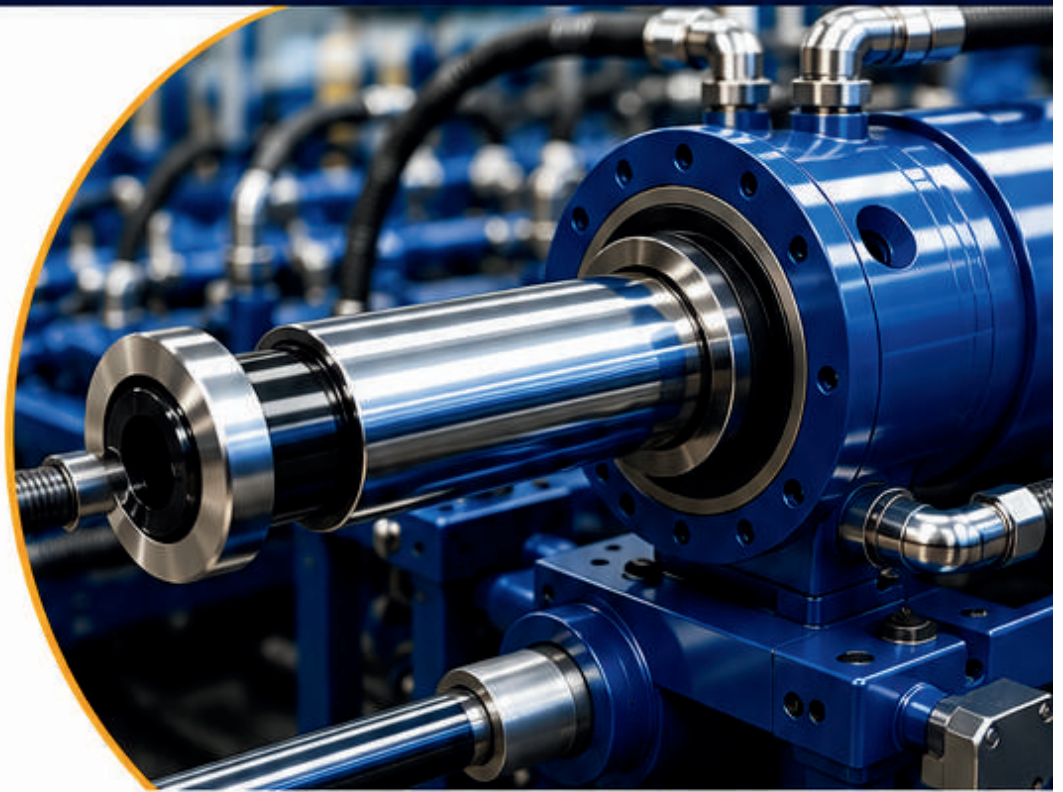
sales@assurancehydrotech.com



HYDRAULIC SEALS

PRECISION SEALING. MAXIMUM PERFORMANCE.

High-quality hydraulic seals ensure leak-free operation, reduce downtime, and extend the life of your hydraulic systems.



WIPER SEAL

Wiper seals protect the sealing system by scraping off dirt, dust, mud and other contaminants from the rod surface before it enters the cylinder.

RS27 ROD SEAL

RS27 is a compact rod seal designed to provide excellent sealing performance under high pressure with low friction.



STEP ROD SEAL

Step lip design provides better sealing in limited installation space and handles pressure variations effectively.

GLYD SEAL

Glyd seals are rod seals with a specially designed sealing lip for smooth operation and high-pressure sealing in hydraulic cylinders.



PISTON UCUP SEAL

Piston Ucup seals provide leak-tight sealing between the piston and cylinder bore with high pressure resistance and durability.



PRECISE FIT
& ACCURACY



LEAK-FREE
PERFORMANCE



HIGH DURABILITY
& RELIABILITY



LONGER SERVICE LIFE
& EFFICIENCY



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HYDRAULIC CYLINDER

MATERIALS & SPECIFICATIONS

Premium materials. Precision engineering.
Built for maximum strength, durability
and long service life.



01 BARREL (TUBE)

ST52 / E355



High strength seamless steel tube ensures excellent durability, pressure resistance and long life.

02 PISTON ROD

EN8 / CK45



High tensile strength steel for superior load bearing capacity and resistance to wear and fatigue.

03 PISTON ROD CHROME COATING

Thickness: 50–60 micron



Hard chrome plating provides excellent corrosion resistance, wear resistance and smooth surface finish.

04 PISTON ROD HARDENING

Hardness: 65 HRC



Induction hardened to 65 HRC for enhanced surface hardness, wear resistance and longer service life.

05 PISTON

EN8



Precision machined from EN8 steel for high strength, dimensional accuracy and reliable performance.

06 FRONT CLEVIS & GLAND CAP

EN8



Manufactured from EN8 steel for excellent strength and durability under high pressure conditions.

07 MOUNTING FLANGE / END CAP

IS 2062B / EN8



Robust construction using IS 2062B / EN8 for high strength, rigidity and long-term reliability.

08 SEAL DETAILS PU, DELRIN AND NBR

PU (POLYURETHANE)



High wear resistance and low friction for smooth operation.

DELRIN (POM)



Excellent dimensional stability and low friction performance.

NBR (NITRILE)



Great resistance to oil, heat and abrasion for reliable sealing.



PRECISION ENGINEERING



HIGH STRENGTH
MATERIALS



LEAK-FREE
PERFORMANCE



LONGER SERVICE LIFE
& RELIABILITY



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HYDRAULIC CYLINDERS & HYDRAULIC POWER PACK

FOR CAR PARKING SYSTEM

High performance hydraulic cylinders and power packs designed for safe, smooth and reliable operation of car parking systems. Engineered for strength, durability and long service life.



SAFE & RELIABLE

Ensures smooth and secure operation for multi-level car parking systems.



HIGH PERFORMANCE

Built to deliver consistent power and efficiency under heavy loads.



DURABLE CONSTRUCTION

High quality materials and precision engineering for long lasting performance.



LOW MAINTENANCE

Compact design with easy installation and minimal maintenance.



HYDRAULIC CYLINDER SPECIFICATIONS

CYLINDER TYPE	SINGLE ACTING
CONSTRUCTION	HEAVY DUTY
MAX PRESSURE	210 BAR
BORE DIAMETER	70 mm / 55 mm
ROD DIAMETER	65 OD / 50 OD
STROKE LENGTH	UP TO 1500 mm
MOUNTING TYPE	TAPPING
MATERIAL	HIGH TENSILE STEEL
FINISH	PAINTED BLACK
APPLICATION	CAR PARKING SYSTEM



HYDRAULIC POWER PACK SPECIFICATIONS

MOTOR POWER	3 HP
PHASE	3 PHASE, 415V AC
OIL TANK CAPACITY	12LTR TO 100LTR
PUMP TYPE	GEAR PUMP
PUMP FLOW	8 LPM
MAX PRESSURE	210 BAR
MANIFOLD BLOCK	ET-02
MANIFOLD FLOW	20 LPM
RELIEF VALVE SETTING	210 BAR
OIL TYPE	VG68
FILTRATION	25 MICRON SUCTION FILTER



IDEAL FOR CAR PARKING SYSTEMS



MULTI LEVEL
CAR PARKING



SCISSOR
LIFTS



PIT
LIFTS



HYDRAULIC CAR
ELEVATORS



AUTOMATED
PARKING SYSTEMS



ON-TIME DELIVERY

We ensure timely delivery with safe & secure packaging.



QUALITY ASSURANCE

Every product is tested for performance and reliability.



AFTER SALES SUPPORT

Our team is always ready to support you anytime.



HYDRAULIC CYLINDERS & HYDRAULIC POWER PACKS

FOR HYDRAULIC SCISSOR LIFTS

Engineered for Safe, Smooth & Powerful Lifting

High performance hydraulic cylinders and power packs designed for hydraulic scissor lift applications in automotive, industrial, warehouse, logistic and material handling.

- ✓ High Load Capacity
- ✓ Smooth & Stable Operation
- ✓ Long Operational Life
- ✓ Low Maintenance
- ✓ High Safety & Reliability



HYDRAULIC CYLINDERS (FOR SCISSOR LIFT)



FEATURES

- High Load Capacity
- Smooth & Stable Operation
- Hard Chrome Plated Rod
- Leak-Free Seals
- Low Maintenance
- Long Operational Life

SPECIFICATIONS

TYPE	DOUBLE ACTING
WORKING PRESSURE	160 – 250 BAR
MAX PRESSURE	300 BAR
BORE DIAMETER	50 – 150 MM
ROD DIAMETER	30 – 90 MM
STROKE LENGTH	UPTO 2000 MM
APPLICATION	HYDRAULIC SCISSOR LIFT

IMPORTED HYDRAULIC POWER PACK (FOR SCISSOR LIFT)



FEATURES

- Compact Design
- High Efficiency Gear Pump
- Integrated Relief & Check Valve
- Overload Protection
- Easy Installation
- Heavy Duty Performance

SPECIFICATIONS

MOTOR POWER	1 HP – 3 HP
VOLTAGE	415V AC / 3 PHASE
PUMP TYPE	GEAR PUMP
FLOW RATE	8 – 25 LPM
WORKING PRESSURE	180 – 250 BAR
TANK CAPACITY	25 – 80 LITER
OIL TYPE	V68
COOLING	AIR COOLED
APPLICATION	HYDRAULIC SCISSOR LIFT

INDIAN HYDRAULIC POWER PACK (ECONOMICAL & RELIABLE)



FEATURES

- Economical & Durable Design
- Reliable Indian Components
- Efficient Hydraulic Circuit
- Easy Maintenance
- Compact & Space Saving

SPECIFICATIONS

MOTOR POWER	1 HP – 10 HP
VOLTAGE	220V / 415V
PUMP TYPE	GEAR PUMP
FLOW RATE	6 – 70 LPM
WORKING PRESSURE	210 BAR
TANK CAPACITY	20 – 100 LITER
OIL TYPE	V68
COOLING	AIR COOLED
APPLICATION	HYDRAULIC SCISSOR LIFT



RELIABLE

PERFORMANCE

Engineered for continuous & safe operation.



HIGH LOAD

CAPACITY

Designed for heavy duty lifting applications.



DURABLE

CONSTRUCTION

Premium materials with precision engineering.



LOW

MAINTENANCE

Easy servicing with long-life components.



CUSTOM BUILT

SOLUTIONS

Customized cylinders & power packs available.



AFTER SALES

SUPPORT

Technical support and spare availability.



ON-TIME DELIVERY

We ensure timely delivery with safe & secure packaging.



QUALITY ASSURANCE

Every product is tested for performance and reliability.



AFTER SALES SUPPORT

Our team is always ready to support you anytime.



HYDRAULIC CYLINDERS & HYDRAULIC POWER PACKS

FOR GOODS LIFT

Engineered for Safe, Smooth & Powerful Lifting

High performance hydraulic cylinders and power packs designed for goods lift applications in warehouses, factories, commercial buildings and industrial facilities.

- ✓ High Load Capacity
- ✓ Smooth & Stable Operation
- ✓ Long Operational Life
- ✓ Low Maintenance
- ✓ High Safety & Reliability



HYDRAULIC CYLINDERS (FOR GOODS LIFT)



FEATURES

- Heavy Duty Design
- High Strength Steel Tube
- Hard Chrome Plated Rod (EN8)
- Leak-Free Seals
- Smooth & Stable Lifting
- Built for Continuous Duty

SPECIFICATIONS

BORE DIAMETER	50 – 150 MM
CYLINDER ROD	40 – 100 MM
CYLINDER STROKE	UP TO 5000 MM
TUBE MATERIAL	ST-52
ROD MATERIAL	EN8 HARD CHROME PLATED
APPLICATION	GOODS LIFT

IMPORTED POWER PACK (FOR GOODS LIFT)



FEATURES

- Compact & Reliable Design
- High Efficiency Gear Pump
- Integrated Relief & Check Valve
- Overload Protection
- Easy Installation
- Silent & Smooth Operation

SPECIFICATIONS

TANK CAPACITY	20 – 80 LTR
MOTOR POWER	1 HP – 3 HP
VOLTAGE	415V AC / 3 PHASE
PUMP TYPE	GEAR PUMP
FLOW RATE	6 – 25 LPM
WORKING PRESSURE	100 – 210 BAR
OIL TYPE	OIL V68
COOLING	AIR COOLED
APPLICATION	GOODS LIFT

INDIAN POWER PACK (FOR GOODS LIFT)



FEATURES

- Robust & Durable Design
- Reliable Indian Components
- Efficient Hydraulic Circuit
- Easy Maintenance
- Compact & Space Saving

SPECIFICATIONS

TANK CAPACITY	20 – 100 LITER
MOTOR POWER	1 HP – 10 HP
VOLTAGE	415V AC / 3 PHASE
PUMP TYPE	GEAR PUMP
FLOW RATE	6 – 70 LPM
WORKING PRESSURE	100 – 210 BAR
OIL TYPE	OIL V68
COOLING	AIR COOLED
APPLICATION	GOODS LIFT



RELIABLE PERFORMANCE
Engineered for continuous & safe operation.



HIGH LOAD CAPACITY
Designed for heavy duty lifting applications.



DURABLE CONSTRUCTION
Premium materials with precision engineering.



LOW MAINTENANCE
Easy servicing with long-life components.



CUSTOM BUILT SOLUTIONS
Customized cylinders & power packs available.



AFTER SALES SUPPORT
Technical support and spare availability.



ON-TIME DELIVERY
We ensure timely delivery with safe & secure packaging.



QUALITY ASSURANCE
Every product is tested for performance and reliability.



AFTER SALES SUPPORT
Our team is always ready to support you anytime.



HYDRAULIC CYLINDERS &
HYDRAULIC POWER PACKS

FOR DOCK LEVELER

Engineered for Safe, Smooth & Powerful Operation

High performance hydraulic cylinders and power packs designed for dock leveler applications to ensure smooth operation, heavy load handling and long service life in demanding environments.

- ✓ High Load Capacity
- ✓ Smooth & Stable Operation
- ✓ Long Operational Life
- ✓ Low Maintenance
- ✓ High Safety & Reliability



INDIAN HYDRAULIC POWER PACK
(FOR DOCK LEVELER)

FEATURES

- Compact & Robust Design
- Reliable Indian Components
- Efficient Hydraulic Circuit
- Easy Maintenance
- Built for Continuous Operation

SPECIFICATIONS

MOTOR POWER	1 HP – 5 HP
VOLTAGE	415V AC / 3 PHASE
PUMP TYPE	GEAR PUMP
FLOW RATE	6 – 30 LPM
WORKING PRESSURE	160 – 250 BAR
TANK CAPACITY	12 – 40 LITER
OIL TYPE	VG- 68
COOLING	AIR COOLED
APPLICATION	DOCK LEVELER

IMPORTED HYDRAULIC POWER PACK
(FOR DOCK LEVELER)

FEATURES

- Compact & High Efficiency Design
- Imported Quality Components
- Low Noise & Vibration
- High Efficiency & Long Life
- Built for Heavy Duty Applications

SPECIFICATIONS

MOTOR POWER	1 HP – 3 HP
VOLTAGE	415V AC / 3 PHASE
PUMP TYPE	GEAR PUMP
FLOW RATE	6 – 25 LPM
WORKING PRESSURE	160 – 250 BAR
TANK CAPACITY	12 – 40 LITER
OIL TYPE	VG- 68
COOLING	AIR COOLED
APPLICATION	DOCK LEVELER

DOCK LEVELER HYDRAULIC CYLINDER



FEATURES

- High Load Capacity
- Hard Chrome Plated Rod
- Leak-Free Seals
- Smooth & Reliable Operation
- Built for Heavy Duty Dock Levelers

SPECIFICATIONS

TYPE	DOUBLE ACTING
WORKING PRESSURE	160 – 250 BAR
BORE DIAMETER	60 – 150 MM
ROD DIAMETER	35 – 90 MM
STROKE LENGTH	UP TO 1500 MM
MOUNTING TYPE	CLEVIS / EYE
APPLICATION	DOCK LEVELER



RELIABLE

PERFORMANCE

Engineered for continuous & safe operation.



HIGH LOAD

CAPACITY

Designed for heavy duty loading equipment.



DURABLE

CONSTRUCTION

Premium materials with precision engineering.



LOW

MAINTENANCE

Easy servicing with long life components.



CUSTOM BUILT

SOLUTIONS

Customized cylinders & power packs available.



AFTER SALES

SUPPORT

Technical support and spare availability.



ON-TIME DELIVERY

We ensure timely delivery with rcds & secure packaging.



QUALITY ASSURANCE

Every product is tested for performance and reliability.



AFTER SALES SUPPORT

Our team is always ready to ssapst you, anytime.



HYDRAULIC POWER PACK FOR STACKER LIFT

Engineered for Safe, Smooth & Powerful Lifting

High performance hydraulic power packs designed for stacker lift applications to ensure smooth operation, high load handling and long service life in demanding environments.

- ✓ High Load Capacity
- ✓ Smooth & Stable Operation
- ✓ Long Operational Life
- ✓ Low Maintenance
- ✓ High Safety & Reliability



HYDRAULIC POWER PACK (FIBRE TANK – FOR STACKER LIFT)



FEATURES

- Lightweight & Durable Fibre Tank
- High Efficiency Performance
- Compact & Space Saving
- Overload Protection
- Easy Installation
- Silent & Smooth Operation

SPECIFICATIONS

MOTOR POWER	1 HP – 3 HP
VOLTAGE	415V AC / 3 PHASE
PUMP TYPE	GEAR PUMP
FLOW RATE	8 – 25 LPM
WORKING PRESSURE	160 – 200 BAR
OIL TYPE	ISO VG 68
COOLING	AIR COOLED
APPLICATION	STACKER LIFT

HYDRAULIC CYLINDER (FOR STACKER LIFT)



FEATURES

- High Load Capacity
- Hard Chrome Plated Rod
- Leak-Free Seals
- Smooth & Reliable Operation
- Built for Stacker Lift Applications

SPECIFICATIONS

ROD DIAMETER	36 – 56 MM
BORE DIAMETER	50 – 100 MM
CYLINDER MOUNTING	BASE PLATE
STROKE LENGTH	UP TO 3000 MM
APPLICATION	STACKER LIFT



RELIABLE
PERFORMANCE

Engineered for
continuous & safe
operation.



HIGH LOAD
CAPACITY

Designed for heavy
duty lifting
applications.



DURABLE
CONSTRUCTION

Premium materials
with precision
engineering.



LOW
MAINTENANCE

Easy servicing with
long-life
components.



CUSTOM BUILT
SOLUTIONS

Customized power packs
& cylinders available.



AFTER SALES
SUPPORT

Technical support
and spare
availability.



ON-TIME DELIVERY

We ensure timely delivery
with safe & secure packaging.



QUALITY ASSURANCE

Every product is tested for
performance and reliability.



AFTER SALES SUPPORT

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support you anytime.



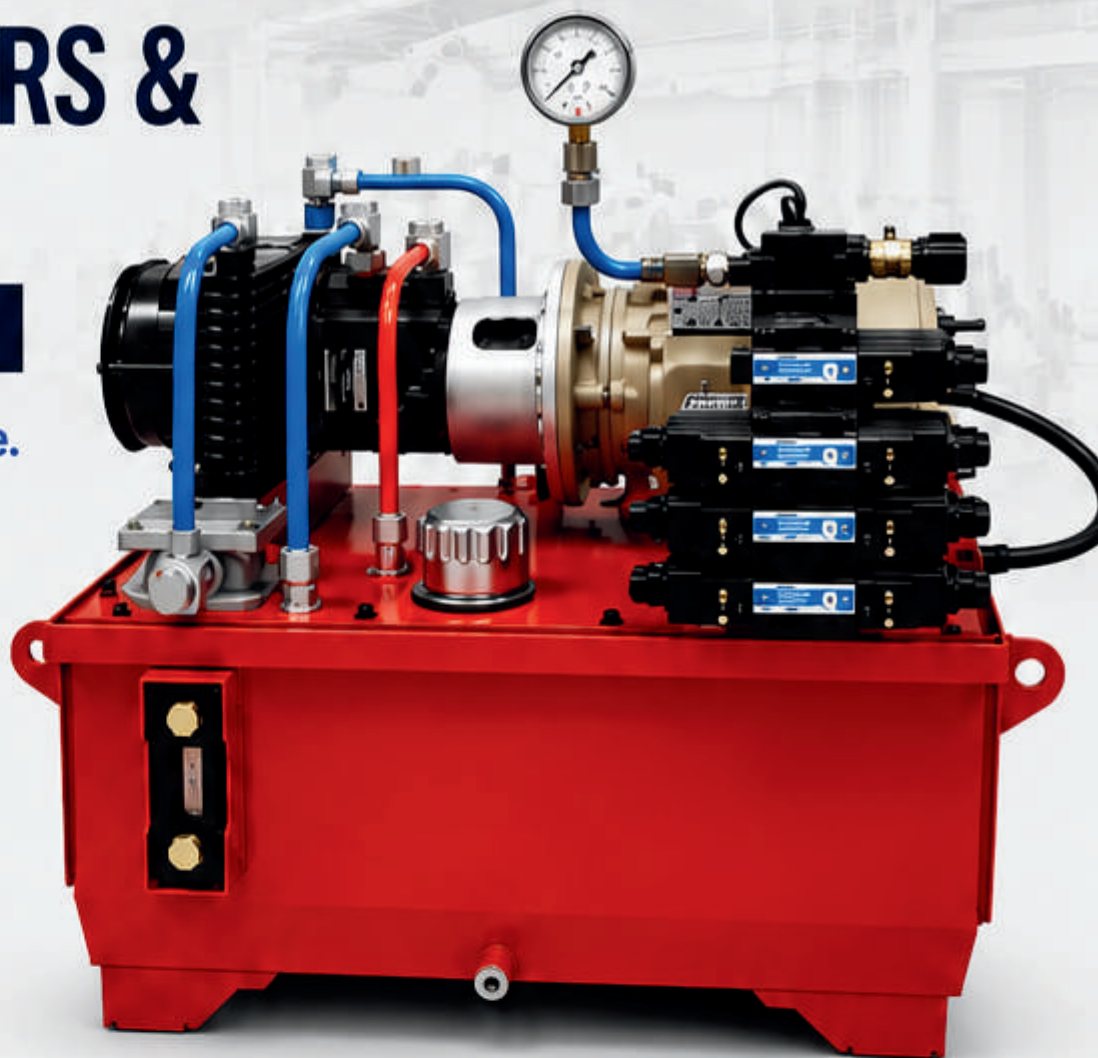
HYDRAULIC CYLINDERS & POWER PACKS

FOR AUTOMATION INDUSTRY

Engineered for Precision. Built for Performance.

High-performance hydraulic power packs and cylinders for automation, robotics, material handling, clamping, lifting, and other industrial applications.

- ✓ Compact & Space Saving
- ✓ Smooth & Accurate Operation
- ✓ Long Operational Life
- ✓ Low Maintenance
- ✓ High Safety & Reliability



HYDRAULIC POWER PACK (FOR AUTOMATION INDUSTRY)



FEATURES

- Compact & Modular Design
- High Efficiency Gear Pump
- Reliable Components
- Low Noise Operation
- Easy Maintenance
- Smooth & Stable Operation

SPECIFICATIONS

MOTOR POWER	: 1 HP – 10 HP
VOLTAGE	: 415V AC / 3 PHASE
PUMP TYPE	: GEAR PUMP
FLOW RATE	: 2 – 40 LPM
WORKING PRESSURE	: UPTO 160 BAR
TANK CAPACITY	: 25 – 300 LTR
COOLING	: AIR COOLED
APPLICATION	: AUTOMATION INDUSTRY
OIL	: VG 68

HYDRAULIC CYLINDERS (FOR AUTOMATION INDUSTRY)



FEATURES

- Compact & Lightweight Design
- High Strength Materials
- Leak-Free Seals
- Smooth & Accurate Operation
- Built for Automation Applications
- Customizable Mounting Options

SPECIFICATIONS

BORE DIAMETER	: 32 – 100 MM
ROD DIAMETER	: 25 – 60 MM
STROKE LENGTH	: UPTO 500 MM
WORKING PRESSURE	: UPTO 160 BAR
MOUNTING TYPE	: MULTIPLE OPTIONS
APPLICATION	: AUTOMATION INDUSTRY

APPLICATIONS



INDUSTRIAL
AUTOMATION



MATERIAL
HANDLING



CLAMPING
SYSTEMS



LIFTING &
POSITIONING



ROBOTICS



ASSEMBLY
LINES



**RELIABLE
PERFORMANCE**
Engineered for
consistent
applications



**COMPACT &
MODULAR**
Space saving
design for easy
integration



**DURABLE
CONSTRUCTION**
Built with premium
materials for long
service life



**LOW
MAINTENANCE**
Easy servicing
with minimal
downtime



**COST EFFECTIVE
SOLUTION**
Reliable performance
at optimal cost



**AFTER SALES
SUPPORT**
Technical support
and spare
availability



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HYDRAULIC POWER PACK & HYDRAULIC CYLINDER

FOR BALING PRESS MACHINE

Engineered for Safe, Smooth & Powerful Operation

High performance hydraulic power packs and cylinders designed for baling press applications to ensure smooth operation, high pressure handling and long service life in demanding environments.

- ✓ High Load Capacity
- ✓ Smooth & Stable Operation
- ✓ Long Operational Life
- ✓ Low Maintenance
- ✓ High Safety & Reliability



HYDRAULIC POWER PACK (FOR BALING PRESS MACHINE)



FEATURES

- Compact & Robust Design
- High Efficiency High Pressure Pump
- Reliable Components
- Easy Maintenance
- Smooth & Stable Operation
- Built for Continuous Duty

SPECIFICATIONS

MOTOR POWER	2HP – 30 HP
VOLTAGE	415V AC / 3 PHASE
PUMP TYPE	HIGH PRESSURE PUMP
FLOW RATE	20 – 250 LPM
WORKING PRESSURE	100 – 350 BAR
TANK CAPACITY	40 – 360 LITER
OIL TYPE	ISO VG 68
COOLING	WATER COOLED
APPLICATION	BALING PRESS MACHINE

HYDRAULIC CYLINDER (FITTED AT HYDRAULIC PRESS)



FEATURES

- High Load Capacity
- Hard Chrome Plated Rod
- Leak-Free Seals
- Smooth & Reliable Operation
- Built for Baling Press Applications

SPECIFICATIONS

ROD DIAMETER	50 – 200 MM
TYPE	DOUBLE ACTING
WORKING PRESSURE	100 – 350 BAR
BORE DIAMETER	63 – 250 MM
STROKE LENGTH	UP TO 2000 MM
MOUNTING TYPE	FLANGE / TRUNION
APPLICATION	BALING PRESS MACHINE
OIL TYPE	ISO VG 68



RELIABLE PERFORMANCE
Engineered for continuous & safe operation.



HIGH LOAD CAPACITY
Designed for heavy duty baling press applications.



DURABLE CONSTRUCTION
Premium materials with precision engineering.



LOW MAINTENANCE
Easy servicing with long-life components.



CUSTOM BUILT SOLUTIONS
Customized power packs & cylinders available.



AFTER SALES SUPPORT
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HYDRAULIC POWER PACK & HYDRAULIC CYLINDER

FOR LIGHT DUTY PRESS MACHINE

Engineered for Safe, Smooth & Powerful Operation

High performance hydraulic power packs and cylinders designed for light duty press machine applications to ensure smooth operation, consistent performance and long service life in demanding environments.

- ✓ Compact & Space Saving
- ✓ Smooth & Stable Operation
- ✓ Long Operational Life
- ✓ Low Maintenance
- ✓ High Safety & Reliability



HYDRAULIC POWER PACK (FOR LIGHT DUTY PRESS MACHINE)

FEATURES

- Compact & Lightweight Design
- High Efficiency High Pressure Pump
- Reliable Components
- Low Noise Operation
- Easy Maintenance
- Smooth & Stable Operation

SPECIFICATIONS

MOTOR POWER	1 HP – 20 HP
PUMP TYPE	HIGH PRESSURE PUMP
FLOW RATE	20 – 200 LPM
WORKING PRESSURE	100 – 250 BAR
TANK CAPACITY	40 – 300 LTR
COOLING	AIR / WATER COOLED
APPLICATION	LIGHT DUTY PRESS MACHINE



HYDRAULIC CYLINDER (FOR LIGHT DUTY PRESS MACHINE)

FEATURES

- Compact Design
- Hard Chrome Plated Rod
- Leak-Free Seals
- Smooth & Reliable Operation
- Built for Light Duty Press Machine Applications

SPECIFICATIONS

MOUNTING TYPE	FLANGE MOUNTING
BORE DIAMETER	40 – 200 MM
ROD DIAMETER	16 – 105 MM
STROKE LENGTH	UPTO 2000 MM
WORKING PRESSURE	100 – 250 BAR
APPLICATION	LIGHT DUTY PRESS MACHINE



RELIABLE PERFORMANCE
Engineered for smooth & safe operation.



COMPACT & LIGHTWEIGHT
Space saving design for easy installation.



DURABLE CONSTRUCTION
Built with premium materials for long service life.



LOW MAINTENANCE
Easy servicing with minimal downtime.



COST EFFECTIVE SOLUTION
Reliable performance at optimal cost.



AFTER SALES SUPPORT
Technical support and spare availability.



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HYDRAULIC POWER PACK & HYDRAULIC CYLINDER

FOR HEAVY DUTY PRESS MACHINE

Engineered for Strength, Reliability & Maximum Performance

High performance hydraulic power packs and cylinders designed for Heavy Duty Press Machine applications (30 Ton to 1000 Ton) to deliver powerful, smooth and consistent performance in the most demanding environments.

- ✓ High Load Capacity (30 – 1000 Ton)
- ✓ Smooth & Stable Operation
- ✓ Long Operational Life
- ✓ Low Maintenance
- ✓ High Safety & Reliability



HYDRAULIC POWER PACK

(FOR HEAVY DUTY PRESS MACHINE 30 TON TO 1000 TON)

WORKING PRESSURE: 100 – 700 BAR



FEATURES

- Compact & Rugged Design
- High Efficiency Gear Pump
- Integrated Relief & Check Valve
- Overload Protection
- High Heat Dissipation
- Easy Installation
- Low Noise & Vibration
- Built for Continuous Duty

SPECIFICATIONS

MOTOR POWER	5 HP – 60 HP
VOLTAGE	415V AC / 3 PHASE
PUMP TYPE	HIGH PRESSURE PUMP
FLOW RATE	20 – 250 LPM
WORKING PRESSURE	100 – 700 BAR
TANK CAPACITY	40 – 500 LITER
OIL TYPE	OIL VG68
FILTRATION	10 MICRON (STANDARD)
APPLICATION	HEAVY DUTY PRESS MACHINE (30 – 1000 TON)

HYDRAULIC CYLINDER

(FITTED AT HYDRAULIC PRESS)

WORKING PRESSURE: 100 – 700 BAR



FEATURES

- High Load Capacity (30 – 1000 Ton)
- Heavy Duty Construction
- Hard Chrome Plated Rod
- Leak-Free Seals
- Smooth & Reliable Operation
- Built for Continuous & High Pressure Operations

SPECIFICATIONS

CYLINDER BORE	125 – 500 MM
CYLINDER ROD	100 – 350 MM
STROKE LENGTH	UP TO 2000 MM
WORKING PRESSURE	100 – 700 BAR
MOUNTING TYPE	FLANGE MOUNTED
APPLICATION	HEAVY DUTY PRESS MACHINE (30 – 1000 TON)



RELIABLE PERFORMANCE
Engineered for maximum strength & reliability.



HIGH LOAD CAPACITY
Suitable for 30 Ton to 1000 Ton press machines.



DURABLE CONSTRUCTION
Built with premium materials for long service life.



LOW MAINTENANCE
Easy servicing with minimal downtime.



COST EFFECTIVE SOLUTION
High performance with low operational cost.



AFTER SALES SUPPORT
Technical support and spare availability.



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HYDRAULIC CYLINDER

FOR JCB & EXCAVATOR

Engineered for Strength, Reliability & Maximum Performance

High performance hydraulic cylinders designed for JCB, Excavator and construction equipment applications to deliver powerful, smooth and reliable performance in tough working conditions.

- ✓ High Load Capacity
- ✓ Heavy Duty Construction
- ✓ Leak-Free Seals
- ✓ Smooth & Reliable Operation
- ✓ Built for Continuous & High Pressure Operations



HYDRAULIC CYLINDER SPECIFICATIONS (FOR JCB & EXCAVATOR)

FEATURES

- High Load Capacity
- Heavy Duty Construction
- Hard Chrome Plated Rod
- Leak-Free Seals
- Smooth & Reliable Operation
- Built for Continuous & High Pressure Operations

SPECIFICATIONS

BORE DIAMETER	63 – 150 MM
STROKE LENGTH	UP TO 2000 MM
WORKING PRESSURE	UP TO 350 BAR
BURST PRESSURE	UP TO 700 BAR
ROD DIAMETER	45 – 100 MM
MOUNTING TYPE	CLEVIS / TRUNNION / EYE / FOOT
SEAL TYPE	HIGH PERFORMANCE POLYURETHANE SEALS
TEMPERATURE RANGE	-20°C TO +80°C
APPLICATION	JCB, EXCAVATOR & CONSTRUCTION EQUIPMENT



MOUNTING OPTIONS



CLEVIS MOUNT



TRUNNION MOUNT



EYE MOUNT



FOOT MOUNT



FRONT FLANGE MOUNT



REAR FLANGE MOUNT



RELIABLE PERFORMANCE

Consistent performance in toughest conditions.



HIGH LOAD CAPACITY

Suitable for heavy duty applications.



DURABLE CONSTRUCTION

Built with high grade materials for long service life.



LOW MAINTENANCE

Easy servicing with minimal downtime.



COST EFFECTIVE SOLUTION

High performance with low operational cost.



AFTER SALES SUPPORT

Technical support and spare availability.



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Shantinagar, Bhosari,
Pune, Pimpri-Chinchwad,
Maharashtra 411026



HYDRAULIC CYLINDER

FOR AGRICULTURE

Engineered for Strength, Reliability & Maximum Performance

High performance hydraulic cylinders designed for powerful field performance, smooth operation, and precise control in demanding farming applications. Built with high-strength construction and hard chrome plated rods for reliable performance and long service life in tough agricultural conditions.

- ✓ High Load Capacity (63 – 100 mm Bore)
- ✓ Heavy Duty Construction
- ✓ Hard Chrome Plated Rod
- ✓ Leak-Free Seals
- ✓ Smooth & Reliable Operation
- ✓ Built for Continuous & High Pressure Operations



HYDRAULIC CYLINDER SPECIFICATIONS (FOR AGRICULTURE)

FEATURES

- High Load Capacity (63 – 100 mm Bore)
- Heavy Duty Construction
- Hard Chrome Plated Rod
- Leak-Free Seals
- Smooth & Reliable Operation
- Built for Continuous & High Pressure Operations

SPECIFICATIONS

BORE DIAMETER	63 – 100 MM
STROKE LENGTH	UP TO 2000 MM
WORKING PRESSURE	UP TO 250 BAR
BURST PRESSURE	UP TO 350 BAR
ROD DIAMETER	36 – 75 MM
MOUNTING TYPE	CLEVIS / TRUNNION / EYE / FOOT
SEAL TYPE	HIGH PERFORMANCE POLYURETHANE SEALS
TEMPERATURE RANGE	-20°C TO +80°C
APPLICATION	AGRICULTURE EQUIPMENT



RELIABLE PERFORMANCE

Consistent performance in toughest conditions.



HIGH LOAD CAPACITY

Suitable for heavy duty agricultural applications.



DURABLE CONSTRUCTION

Built with high grade materials for long service life.



LOW MAINTENANCE

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HYDRAULIC CYLINDER FOR SUGARCANE INFIELDER

ENGINEERED FOR STRENGTH.
BUILT FOR HARSH FIELDS.

Engineered for Strength, Reliability & Maximum Performance

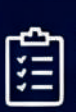
Heavy-duty Sugarcane Infield Hydraulic Cylinders engineered for powerful field operations, delivering smooth lifting and precise control for sugarcane infielders. Built to withstand harsh agricultural conditions, heavy crop loads, mud, and continuous operation, these cylinders ensure reliable performance, consistent hydraulic efficiency, and long service life in demanding farming environments.

- ✓ Powerful Lifting & Precise Control
- ✓ High Strength & Heavy Duty Construction
- ✓ Smooth & Reliable Operation
- ✓ Corrosion Resistant & Long Life
- ✓ Suitable for Harsh Agricultural Conditions



SUGARCANE INFIELD HYDRAULIC CYLINDER – TECHNICAL SPECIFICATIONS

 	 TYPE: Double Acting Hydraulic Cylinder	SPECIFICATIONS	
	 BORE SIZE: 63 – 150 mm	BORE DIAMETER	63 – 150 mm
	 STROKE LENGTH: Up to 3000 mm	STROKE LENGTH	UP TO 3000 mm
	 WORKING PRESSURE: Up to 250 Bar	WORKING PRESSURE	UP TO 250 BAR
	 ROD: Hard Chrome Plated, Corrosion Resistant	BURST PRESSURE	UP TO 350 BAR
	 MOUNTING: Clevis / Pin Type	ROD DIAMETER	45 – 100 mm
		MOUNTING TYPE	CLEVIS / TRUNNION / EYE / FOOT
		SEAL TYPE	HIGH PERFORMANCE POLYURETHANE SEALS
		TEMPERATURE RANGE	-20°C TO +80°C
		APPLICATION	SUGARCANE INFIELDER

 RELIABLE PERFORMANCE Consistent performance in toughest conditions.	 HIGH LOAD CAPACITY Suitable for heavy duty agricultural applications.	 DURABLE CONSTRUCTION Built with high grade materials for long service life.	 LOW MAINTENANCE Easy servicing with minimal downtime.	 COST EFFECTIVE SOLUTION High performance with low operational cost.	 AFTER SALES SUPPORT Technical support and spare availability.
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HYDRAULIC CYLINDERS FOR AGRICULTURE DOZER MACHINE

**ENGINEERED FOR STRENGTH.
BUILT FOR TOUGH FIELDS.**

Engineered for Strength, Reliability & Maximum Performance

Durable dozer hydraulic cylinders engineered for powerful pushing performance, smooth operation, and precise blade control in demanding field applications. Built with high-strength construction and hard chrome plated rods to ensure reliable performance and long service life in tough working conditions.

- ✓ Powerful Pushing & Lifting Performance
- ✓ High Strength & Heavy Duty Construction
- ✓ Smooth & Reliable Operation
- ✓ Corrosion Resistant & Long Life
- ✓ Suitable for Harsh Agricultural Conditions



AGRICULTURAL DOZER HYDRAULIC CYLINDER – TECHNICAL SPECIFICATIONS



TYPE:
Double Acting



BORE SIZE:
50 – 125 mm



STROKE:
Up to 1500 mm



OPERATING PRESSURE:
Up to 350 Bar

KEY BENEFITS



POWERFUL PUSHING PERFORMANCE
Engineered for strong pushing and lifting in agricultural dozer applications.



HIGH STRENGTH CONSTRUCTION
Built with heavy duty materials to withstand harsh field operations.



HARD CHROME PLATED ROD
Superior wear resistance and longer service life.



SMOOTH & RELIABLE OPERATION
Ensures consistent and precise dozer blade control.



CORROSION RESISTANT
Designed to perform in mud, dust, moisture and tough environments.



**RELIABLE
PERFORMANCE**

Consistent performance
in toughest conditions.



**HIGH LOAD
CAPACITY**

Suitable for heavy duty
agricultural applications.



**DURABLE
CONSTRUCTION**

Built with high grade
materials for long
service life.



**LOW
MAINTENANCE**

Easy servicing with
minimal downtime.



**COST EFFECTIVE
SOLUTION**

High performance
with low operational
cost.



**AFTER SALES
SUPPORT**

Technical support
and spare
availability.



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HYDRAULIC CYLINDERS FOR TRACTOR LOADER

ENGINEERED FOR STRENGTH.
BUILT FOR TOUGH FIELDS.

Engineered for Strength,
Reliability & Maximum
Performance

Heavy-duty Hydraulic Cylinders engineered for tractor front loaders & agriculture loaders, delivering powerful lifting performance, smooth operation, and precise control. Built with high-strength construction and hard chrome plated rods to ensure reliable performance and long service life in demanding field conditions.

- ✓ High Lifting Capacity & Strong Performance
- ✓ Heavy Duty Construction
- ✓ Smooth & Reliable Operation
- ✓ Corrosion Resistant & Long Life
- ✓ Built for Harsh Field Conditions



TRACTOR LOADER HYDRAULIC CYLINDER – TECHNICAL SPECIFICATIONS



TYPE: Double Acting Hydraulic Cylinder



APPLICATION: Tractor Front Loader / Agriculture Loader



BORE SIZE: 40 mm – 125 mm



ROD DIAMETER: 25 mm – 70 mm (Hard Chrome Plated)



STROKE LENGTH: Up to 1500 mm



WORKING PRESSURE: Up to 350 Bar



MOUNTING: Clevis / Pin / Flange Type

KEY BENEFITS



HIGH LIFTING CAPACITY
Designed for heavy loads and continuous lifting operations.



HARD CHROME PLATED ROD
Superior wear resistance and longer service life.



SMOOTH & RELIABLE OPERATION
Ensures precise control and consistent performance.



CORROSION RESISTANT
Built to withstand mud, dust, moisture and tough environments.



BUILT FOR HARSH CONDITIONS
Engineered for long service life in agriculture and field operations.



RELIABLE PERFORMANCE

Consistent performance in toughest conditions.



HIGH LOAD CAPACITY

Suitable for heavy duty agriculture applications.



DURABLE CONSTRUCTION

Built with high grade materials for long service life.



LOW MAINTENANCE

Easy servicing with minimal downtime.



COST EFFECTIVE SOLUTION

High performance with low operational cost.



AFTER SALES SUPPORT

Technical support and spare availability.



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THANK YOU FOR CHOOSING ASSURANCE HYDROTECH

We truly appreciate your trust in our products.
Our hydraulic cylinders are engineered to deliver
strength, reliability, and long-term performance
in every field, every time.



Engineered for Strength



Built for Tough Fields



Committed to Your Success

**TOGETHER, WE POWER
STRONGER PERFORMANCE.**



ENGINEERING & DESIGN



PRECISION MANUFACTURING



QUALITY ASSURANCE



TESTING & INSPECTION

ABOUT ASSURANCE HYDROTECH

Assurance Hydrotech is a leading manufacturer of high-performance hydraulic cylinders and hydraulic power packs based in Pune. We deliver durable, precision-engineered hydraulic solutions for industrial, agricultural, and machinery applications.



COMPANY DETAILS



Assurance Hydrotech
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Pune, Pimpri-Chinchwad,
Maharashtra 411026



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WHY PARTNER WITH US?



CONSISTENT QUALITY

Every cylinder is built
to the highest standards.



ADVANCED TECHNOLOGY

Modern manufacturing
and strict quality control.



CUSTOMER FOCUS

Dedicated support
at every step.



DURABLE & RELIABLE

Designed to perform in
the toughest conditions.



AGRICULTURE DRIVEN

Solutions tailored for
agricultural excellence.

**THANK YOU FOR BEING A PART OF OUR JOURNEY.
LET'S BUILD A STRONGER TOMORROW TOGETHER.**