



HINDUSTAN HYDRAULICS & PNEUMATICS



Hydraulics | Pneumatics | Instrumentation | Sensors | HVAC Products
Industrial Process Valves & Valve Automation | Hoses | Tubes & Fittings

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New No : 265, Old No : 127,
Thambu Chetty Street, Paryys,
Chennai - 600001.

Directional Control Valve



Type : Solenoid Operated Valve & Hand valve
 Model : Cetop3, Cetop5, Cetop10,
 Flow : 0 to 63 LPM, 120 LPM & 300 LPM
 Pressure : 0 to 315 Bar / 700 Bar
 Supply : 24VDC, 230VAC & 110VAC
 Mounting : Sub Plate Type Spring Return Valve & Detent Type Valve.

Pressure Control Valve



Type : Sub Plate, Threaded & Modular
 Model : Size 06, 10 & 20
 Flow : 0 to 30 LPM, 80 LPM & 160 LPM
 Pressure : 25,50,100,200,315,400 & 700 Bar
 Adjustment : With set Screw & Hand knob
 Supply : 24VDC, 230VAC & 110VAC

Check Valves



Type : Modular, Subplate, Threaded
 Model : Cetop3, Cetop5, Cetop10, (1/4" to 1-1/2")
 Flow : 0 to 280 LPM
 Pressure : 0 to 315 Bar / 700 Bar

Counter Balance Valve



Type : Modular & Threaded
 Model : Cetop3, Cetop5, Cetop10, (1/2" & 1")
 Flow : 30 LPM / 115 LPM
 Pressure : 0 to 315 Bar

Directional Control Valve



Type : Solenoid Operated Valve & Hand valve
 Model : Cetop3, Cetop5, Cetop10,
 Flow : 0 to 63 LPM, 120 LPM & 300 LPM
 Pressure : 0 to 315 Bar / 700 Bar
 Supply : 24VDC, 230VAC & 110VAC
 Mounting : Sub Plate Type Spring Return Valve & Detent Type Valve.

Directional Control Valves



Type : Solenoid Operated Pilot Valve
 Model : Cetop3, Cetop5, Cetop10,
 Flow : 0 to 63 LPM, 120 LPM & 400 LPM
 Pressure : 0 to 315 Bar
 Supply : 24VDC, 230VAC & 110VAC

Flow Control Valve



Type : Sub Plate, Threaded & Modular
 Model : Size 06, 10 & 20. (1/4" to 1-1/2")
 Flow : 0 to 30 LPM, 80 LPM & 160 LPM
 Adjustment : With set Screw & Lock nut with Hand knob

Pressure Switch



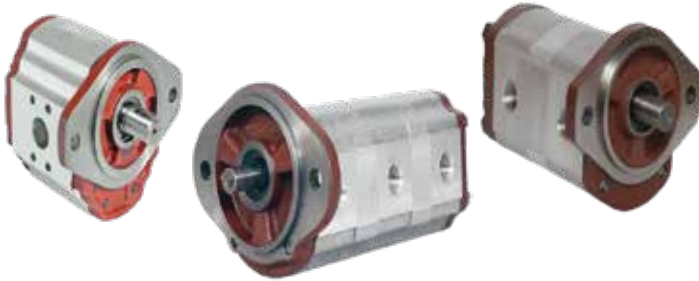
Type : Sub Plate, Threaded
 Model : 1PS10/1PS
 Pressure : 10,50,100,200, 350 & 420 Bar



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Gear Pump



Type : Threaded & Flanged
Model : OP, 1P, 2P, 3P / Single / Tandem / Triple
Flow : 1.2 to 227 LPM
Pressure : 0 to 200 Bar

Vane Pump



Type : Threaded & Flanged
Model : PVR1T, PVR50, PVR150, PVR1050, PVR50150
Flow : 4 to 400 LPM
Pressure : 0 to 210 Bar

HYDRAULICS

Variable Vane Pump



Type : Single & Double Pump
Model : SVPF, RV20, PV7, TVCM
Flow : 0 to 40 LPM
Pressure : 0 to 70 Bar & 0 to 100 Bar

Axial Piston Pump / Bent Axis Piston Pump



Type : Fixed & Variable
Model : AR16, AR22, A37, A56, A70, A90, A2F
Flow : 0 to 400 LPM
Pressure : 0 to 160 Bar & 0 to 280 Bar & 550 Bar

Radial Piston Pump



Type : External & Immersed Mounting Pump
Model : 1R, 2R, 11R, 12R
No. of Elements : 3, 5, 7 Plunger
Flow : 1 to 24 LPM | Body : Open / Closed
Pressure : 200, 250, 300, 350, 400, 450, 550 Bar

Filter Assembly / Filter Element / Filler Breather



Accumulator / Accessories



Manifold Block / Shell & tube Oil Cooler





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HYDRAULIC ACCESSORIES

Hydraulic Cylinder



Type : Tie - Rod / Weldable Cylinders
Bore : 40, 50, 63, 80, 100, 125, 150, 200, 250, 300, 350 mm
Mounting : Flange, Foot, Male / Female Clevis, Trunnion
Rod : Rod end Eye, Yoke, Clevis, etc..

Hydro Static Pump / Oil Filtration Unit

Hydro Static Water Test Pump



Loading / Unloading
Oil filtration Unit



Pump with
Motor Assembly



Manifold Assembly with Accumulator



Hydraulic Jack with Hand Pump

Remote Jack



Bottle Jack



Hand Pump



Power pack



Capacity : 20 Litre Upto Customised
Motor : IE2 / IE3
Type : Electrical / Manual

HYDROMACS™



Hydraulic Training Kit / Pneumatic Panel



Pneumatic Panel



Training Kit

Hydraulic Press / Scissor Lift

Hydraulic Press



Hyd. Scissor Lift

HYDROMACS™



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HYDRAULIC PUMP

Single Vane Pumps



Model No.	Max. Pressure		Max. Displacement		Max. Speed rpm	Mounting Standard
	psi	Bar	in ³ / rev	cm ³ / rev		
VTXB	3000	210	0.40 - 2.80	6 - 46	2500	SAE - A
VT6B	3500	240	0.40 - 2.42	6 - 40	2500	SAE - A
VT6C	4000	275	0.66 - 6.10	11 - 100	2800	SAE - B
VT6CSH	4000	275	0.66 - 6.10	11 - 100	2800	SAE - B
VT6D	3500	240	2.90 - 11.62	48 - 190	2500	SAE - C
VT6E	3500	240	8.07 - 16.40	132 - 270	2200	SAE - C
VT6CM	4000	275	0.66 - 6.10	11 - 100	2800	SAE - B
VT6GC	4000	275	0.66 - 6.10	11 - 100	2800	R - 17 - 102
VT6CP	4000	275	0.66 - 6.10	11 - 100	2800	SAE - C
VT6DM	3500	240	2.90 - 11.62	48 - 190	2500	SAE - C
VT6EM	3500	240	8.07 - 16.40	132 - 270	2200	SAE - C
VT7AS	4600	320	0.38 - 1.57	6.1 - 25.8	3600	SAE - B
VT7ASW	4600	320	1.71 - 2.42	28 - 39.7	3600	SAE - B
VT7B / BS	4650	320	0.35 - 3.05	6.0 - 50	3600	SAE - B
VT7QC1 / QC2	4350	300	0.66 - 6.10	11 - 100	3000	SAE - B
VT7D / DS	4350	300	2.68 - 9.64	44 - 158	3000	SAE - C
VT7DSW	4350	300	2.68 - 9.64	44 - 158	3000	SAE - C
VT7E / ES	3500	240	8.07 - 16.40	132 - 270	2200	SAE - C

Double Vane Pumps



Model No.	Max. Pressure		Max. Displacement		Max. Speed rpm	Mounting Standard
	psi	Bar	in ³ / rev	cm ³ / rev		
VTXBB	3000	210	0.79 - 5.61	12 - 92	2500	SAE-A / SAE-B
VT6BB	3500	240	0.79 - 5.61	12 - 92	2500	SAE - B
VT6CC	4000	275	1.32 - 12.20	22.0 - 200	2800	SAE - B
VT6DC	4000	275	3.56 - 17.75	59.0 - 290	2500	SAE - C
VT6EC	4000	275	8.73 - 22.56	143 - 370	2200	SAE - C
VT6ED	3500	240	11.0 - 28.06	180 - 460	2200	SAE - C
VT6EE / EES	3500	240	16.1 - 32.8	264 - 540	2200	ISO / SAE - E
VT6CCM	4000	275	1.32 - 12.20	22.0 - 200	2800	SAE - B
VT6DCM	4000	275	3.56 - 17.75	59.0 - 290	2500	SAE - C
VT6ECM	4000	275	8.73 - 22.56	143 - 370	2200	SAE - C
VT6EDM	3500	240	11.0 - 28.06	180 - 460	2200	SAE - C
VT7BB / BBS	4650	320	0.67 - 6.10	12 - 100	3600	SAE - B
VT7QCC	4350	300	1.32 - 12.20	22 - 200	3000	SAE-B / SAE-C
VT7QDC	4350	300	3.34 - 15.74	55 - 258	2500	SAE - C
VT7DD / DDS	3600	250	5.36 - 19.25	88 - 316	2500	SAE - C
VT7EB / EBS	4350	300	8.42 - 19.45	138 - 319	2200	SAE - C
VT7QEC	4350	300	8.73 - 22.56	143 - 370	2200	SAE - C
VT7ED / EDS	3600	250	10.7 - 26.00	176 - 427	2200	SAE - C
VT7EE / EES	3500	240	16.1 - 32.8	264 - 540	2200	SAE-E / ISO3019-2
VT67BB/CB/DB/EB	4350	300	0.35 - 3.05	12 - 100	2800	SAE - B/C
VT67DC/ EC	4000	275	2.68 - 9.64	44 - 156	2500	SAE - C

Triple Vane Pumps



Model No.	Max. Pressure		Max. Displacement		Max. Speed rpm	Mounting Standard
	psi	Bar	in ³ / rev	cm ³ / rev		
VT6CBB	4000	275	1.46 - 11.7	23 - 180	2500	SAE - B
VT6CCB	4000	275	1.72 - 15	28 - 240	2500	SAE - B
VT6DCB	4000	275	3.96 - 20.5	65 - 330	2500	SAE - C
VT6DCC/DCCM/DCCS	4000	275	4.22 - 23.94	70 - 390	2500	SAE - C
VT6EDC / EDCS	4000	275	11.63 - 34.15	191 - 560	2200	SAE - E
VT7DBB / DBBS	4350	300	3.35 - 15.74	56 - 258	2500	SAE - C
VT7QDCB	4350	300	3.66 - 18.79	61 - 308	2500	SAE - C
VT7QDCC	4000	275	3.96 - 21.84	66 - 358	2500	SAE - C
VT7DDB / DDBS	4350	300	5.67 - 22.33	94 - 366	2500	SAE - C
VT7EDB / EDBS	4350	300	11.1 - 29.1	182 - 478	2200	SAE - E
VT7QEDC / QEDCS	4350	300	11.34 - 32.15	187 - 528	2200	SAE - E
VT67DBB	4350	300	3.59 - 17.75	60 - 290	2500	SAE - C
VT67DCB	4350	300	3.91 - 20.8	64 - 341	2200	SAE - C
VT67DCC/DDCS	4000	275	4.0 - 21.84	66 - 358	2200	SAE - C
VT67EDB	4350	300	11.28 - 31.11	186 - 510	2500	ISO3019-2
VT67EDC	4000	275	11.41 - 32.14	187 - 528	2200	ISO3019-2



Hydraulic Rubber Hose



Type : R1, R2, R3, R6, 4SP, 4SH
 Size : 1/4", 3/8", 1/2", 5/8", 3/4", 1", 1-1/4", 1-1/2", 2"
 Pressure : 0 to 420 Bar
 End Conn. : BSP, Metric, UNF, SAE Flange, Flanged
 Temp. : Upto 100°C

Jack Hose



Type : Thermo Plastic Elastomer
 Size : 3/8" & 1/2"
 Pressure : 0 to 700 Bar
 End Conn. : BSP, Metric, UNF, SAE Flange, Flanged
 Temp. : Upto 100°C

Rock Drill Hose / LP Hose



Type : Nitrile Rubber / Low Pressure Braided Hose
 Size : 1/2" to 1"
 Pressure : 0 to 21 Bar
 End Conn. : BSP, Metric, UNF, SAE Flange, Flanged
 Temp. : Upto 80°C

Water Blast Hose



Type : High Pressure Rubber Hose
 Size : 1/2"
 Pressure : 1000 Bar
 End Conn. : BSP, Metric, UNF, SAE Flange, Flanged
 Temp. : Upto 70°C

Air & Water / Pneumatic Tool Hose



Type : Rubber Hose (Textile / Rayon Braided)
 Size : 1/4", 3/8", 1/2", 5/8", 3/4", 1", 1-1/4", 1-1/2", 2"
 Pressure : Upto 14 Bar
 End Conn. : BSP, Metric, UNF, SAE Flange, Flanged
 Temp. : Upto 100°C

Steam Rubber Hose



Type : Single & Double Braided Steam Rubber Hose
 Size : 1/4", 3/8", 1/2", 5/8", 3/4", 1", 1-1/4", 1-1/2", 2"
 Pressure : 0 to 17 Bar
 End Conn. : BSP, Metric, UNF, SAE Flange, Flanged
 Temp. : Upto 230°C

Sand Blast / Concrete Hose



Type : Abrasion Resistant Black Rubber Hose
 Size : 3/8" to 3"
 Pressure : 0 to 10 Bar / Upto 85 Bar
 End Conn. : BSP, Metric, UNF, SAE Flange, Flanged
 Temp. : Upto 70°C

Color Hose



Type : Synthetic Color Rubber Hose (B, Y, R, G, B, G)
 Size : 1/4" to 3/4"
 Pressure : 0 to 21 Bar
 End Conn. : BSP, Metric, UNF, SAE Flange, Flanged
 Temp. : Upto 70°C



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Chem Master Hose



Type : Transfer of > 950 Basic Chemicals
Size : 3/8" to 4"
Pressure : 0 to 14 Bar
Temp. : Upto 120°C

SS Bellow SS Corrugated Hose



Type : Single / Double SS Bellow SS Corrugated Hose
Size : 1/4" to 12"
Pressure : 0 to 200 Bar
End Conn. : BSP, Metric, UNF, SAE Flange, Flanged
Temp. : Upto 700°C

PVC Nylon Braided Hose



Type : PVC Nylon Braided Hose
Size : 3/8" & 1/2"
Pressure : 0 to 30 Bar
Temp. : Upto 85°C

PVC Grey Color Duct Hose



Type : PVC Grey Duct Hose
Size : 1/4" to 6"
Temp. : Upto 70°C

Carbon Free Hose



Type : Non Conductive Heat Resistant Hose
Size : 3/8" to 4"
Pressure : Upto 17 Bar
Temp. : Upto 95°C

Teflon with SS Braided Hose



Type : Single / Double Teflon SS Corrugated Hose
Size : 1/4" to 4"
Pressure : 0 to 100 Bar
End Conn. : BSP, Metric, UNF, SAE Flange, Flanged
Temp. : Upto 260°C

PVC Steel Wire Braided Thunder Hose



Type : Vacuum / Food Graded Hose
Size : 1/4" to 6"
Pressure : 0 to 10 Bar
Temp. : Upto 70°C

Silicon Hose



Size : 1/2" to 12"
Temp. : Upto 270°C
Type : High Temp. Silicon Hose

INDUSTRIAL HOSE





Air Dryer



Type : Refrigerated, Membrane Air Dryer
 Model : IDF, IDFA, IDU, IDG
 Flow : 0 to 700 CFM
 Temp. : Dewpoint 3° C

Air Booster Regulator / Receiver Tank



Type : 1:4 Ratio, 1:2 Ratio
 Model : VBA Series
 Size : 1/4", 3/8", 1/2"
 Pressure : 0 to 10 Bar, 0 to 16 Bar, 0 to 20 Bar

Rodless Cylinders



Type : Std., Guide, Round type Rodless Cylinders
 Model : MY1, MY2, MY3, CY3 Series
 Bore Size : 6, 10, 12, 15, 16, 20, 25, 32, 40, 50, 63 mm Bore
 Stroke Length : 50 mm to 3000 mm

Electrical Actuator



Type : Rod, Rodless, Rotary
 Model : LEY, LEFS, LER, LEH Series
 Bore : 10 mm to 100 mm
 Motor : Stepper / Servo Motor

Air Filter



Type : Main Line, Mist, Micro Mist Filters, Water Separator
 Model : AFF, AM, AMG, AMD, AMH, AME Series
 Size : 1/4" to 2"
 Micron : 3μ, 0.1μ, 0.3μ, 0.01μ

Pressure / Flow Sensor



Type : Pressure / Flow Switch
 Model : ISE, ZSE / PFM, PF2M / PF3W
 Output : PNP / NPN / Analog / IO Link

Hydraulic Cylinder



Type : Compact, Round, Standard Cylinders
 Model : CHQ, CHK, CHN, CHS, CH2 Series
 Bore Size : 20, 25, 32, 40, 50, 63, 80, 100, 125, 150, 160 mm Bore
 Stroke Length : 50 mm to 300 mm
 Pressure : 35, 70, 100, 140, 160 Bar

Ionizer / Static Neutralization



Type : Gun Nozzle, Bar, Fan
 Model : IZS, IZN, IZF, IZG
 Flow : 0.46 m³/min to 4.4 m³/min
 Ion Generation : Corona Discharge Type



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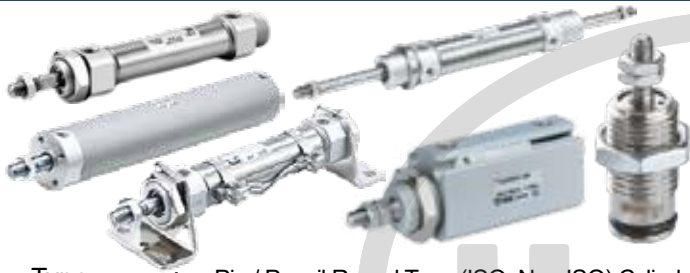
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Compact Cylinder



Type : ISO / Non ISO (Magnet, Non Magnet)
Model : CQ2, CQS, CQM, C55 Series
Bore : 12, 16, 20, 25, 32, 40, 50, 63, 80, 100 mm Bore
Stroke : 5mm to 300mm (Std., Non Rotating Rod)
Rod : Male, Female (Single / Double end Rod)

Round Type Cylinder



Type : Pin / Pencil Round Type (ISO, Non ISO) Cylinder
Model : C85, C75, CM2, CJ2, CJP, CG1
Bore : 4, 6, 10, 12, 16, 20, 25, 32, 40, 50 mm Bore
Stroke : 5mm to 1000mm (Std., Non Rotating Rod)
Rod : Single / Double end Rod (Magnet, Non Magnet)

Special Cylinders



Air Preparation Unit (F+R+L)



Type : Modular & Combination
Model : AC, AF, AR, AL & VHS
Size : 1/8" to 1"

Standard Square / Profile Cylinder



Type : ISO / Non ISO (Magnet, Non Magnet)
Model : CP96, MB1, MB, CA2, CS1, CS2 Series
Bore : 32, 40, 50, 63, 80, 100, 125, 150, 160, 200 mm Bore
Stroke : 5mm to 2000mm (Std., Non Rotating Rod)
Rod : Single / Double end Rod

Solenoid Valves



Type : 3/2, 5/2 Single, 5/2 Double, 5/3 Solenoid Valve
Model : SY, VQ7, VF, SYJ, VT307, VP, etc...
Size : M3, M5, 1/8", 3/8", 1/2"
Mounting : Body Ported, Base Mounting
Supply : Air / Electrical / Manual Operated

Actuators / Grippers



Tubes & Fittings



PNEUMATICS





Utility Pressure Gauge



MOC : MS Case Internal Brass Pressure Gauge
 Dial : 1-1/2", 2", 2-1/2", 4", 6"
 Range : Compound / Vacuum / 0 to 400 Kg
 Connection : 1/8", 1/4", 3/8", 1/2"
 Mounting : Bottom / Back Mounting

Pressure Gauges



MOC : SS Case Internal Brass / Fully SS Pre. Gauge
 Dial : 1-1/2", 2", 2-1/2", 4", 6", 10"
 Range : Compound / Vacuum / 0 to 1600 Kg
 Connection : 1/4", 3/8", 1/2"
 Mounting : Bottom / Back Mounting

Diaphragm Pressure Gauges



MOC : SS Diaphragm Pressure Gauge
 Dial : 2-1/2", 4", 6", 10"
 Range : Compound / Vacuum / 0 to 1600 Kg
 Connection : 1/2", (1/2" to 2" Flanged)
 Mounting : Bottom / Back Mounting

Other Pressure Gauges



MOC : SS Pressure Gauge
 Dial : 4", 4-1/2", 5", 6", 10"
 Range : Compound / Vacuum / 0 to 1600 Kg
 Connection : 1/4", 1/2"
 Mounting : Bottom / Back Mounting

Pressure Switch



Type : Pressure Switch / DP Switch
 Range : Compound / Vacuum / 0 to 1000 Bar
 Connection : 1/4", 1/2"
 Protection : Weather / Flame Proof

Digital / Master Pressure Gauge



Dial : 2-1/2" & 4"
 Range : Compound / Vacuum / 0 to 1600 Kg
 Connection : 1/4" & 1/8" | Mounting : Bottom
 Accuracy : 1%, 0.25%

Pressure Transmitter / Indicator



Range : Compound / Vacuum / 0 to 1600 Kg
 Connection : 1/4", 1/2"
 Output : 4-20 mA / 0-10V DC, 0-5V DC
 Supply : 10-32V DC

Differential Pressure Transmitter



Type : DP Transmitter
 Application : DP / Level
 Supply/ O/P: 24V DC / 4 - 20mA

Temperature Gauge



MOC : SS Temperature Gauge
 Dial : 2-1/2", 4", 6"
 Range : Compound / 0 to 500° C
 Connection : 1/2" Adjustable / Fixed
 Mounting : Bottom / Back Mounting

RTD / Thermocouple



Type : Simplex / Duplex
 Range : 0 to 1600° C
 Connection : 1/2"
 Model : RTD / TC (Pt100 / J, K, T, S)



INSTRUMENTATION

Pressure Switch / Sensor



Type : Pressure / Temperature Switch
 Connection : 1/4"

Accessories



Flow Meter (Digital)



Connection : Screwed / Flanged
 Dimension : 1/2" to 12"
 Type : Electromagnet / Turbine

Flow Meter (Analog)



Type : Analog Gear Operated
 Connection : Screwed / Flanged
 Size : 1/2" to 6"

Flow Switch



Flow Sensor (Air / Water)



Range : 0 to 12000, 20000 lpm
 Unit : LPM, CFM
 Size : 4 to 12mm & 1/8" to 2"

Oil Level Gauge / Oil Level Gauge with Temperature Indicator



Type : Oil Level Gauge with Temperature Indicator
 MOC : SS Float / PU Foat
 Height : Customised
 Mounting : Flanged
 Sensor : Low / Middle / High (M18 Magnetic Sensor)

Magnetic Level Gauge / Tubular Level Gauge



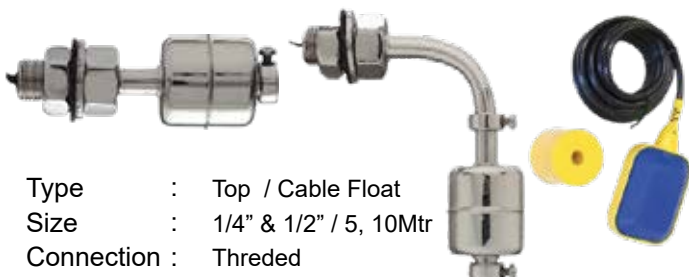
Type : Top / Side Mounting
 Size : 1/2" to 2"
 Connection : Threded / Flanged

Capacitance type Level Transmitter / Indicator



Type : Capacitance Level Transmitter
 Output : PNP / NPN / Digital Output
 Connection : Flanged
 Dimension : Customised

Top Mounted Miniature Level Switch



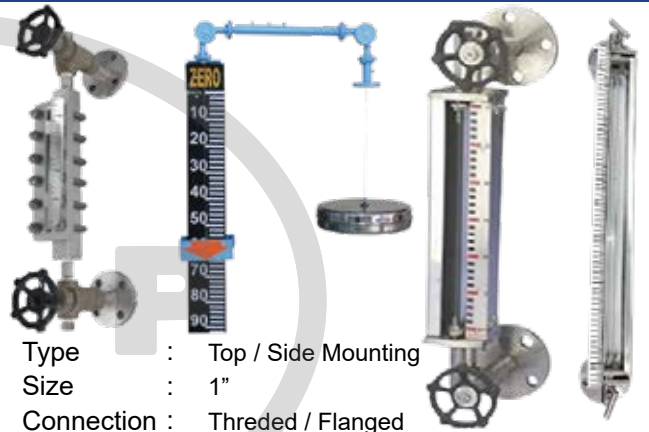
Type : Top / Cable Float
 Size : 1/4" & 1/2" / 5, 10Mtr
 Connection : Threded

Level Switch (Multipoint)



Type : Top Mounted Multi Point Level Switch
 MOC : SS / PP / PU
 Connection : Flange | SWITCH : SPST / SPDT

Level Gauge / Level Indicator



Type : Top / Side Mounting
 Size : 1"
 Connection : Threded / Flanged

Level Sensor (Ultrasonic)



Type : Ultrasonic Level Sensor
 Output : PNP / NPN / 4 - 20 mA / 0-10V DC
 Range : 1mtr, 2mtr, 6mtr
 Dimension : Cylindrical / Rectangular

Side Mounted Level Switch



Type : Side Mounted
 Connection : Threded / Flanged

Proximity Sensor



Type : Metal / Non Metal Sensor
 Dia : 8, 12, 18, 30mm
 Range : 2mm to 15mm
 Connection : Cable / Connector
 Output : PNP / NPN (NO / NC)

Distance Measuring Sensor



Type : Metal / Non Metal Sensor
 Dia : 4 to 30mm
 Range : 2mm to 15mm
 Connection : Cable / Connector
 Output : 4 to 20 mA / 0 to 10V DC

Photo Electric Sensor



Type : Diffuse
 Range : 50mm to 800mm
 Output : PNP / NPN (NO / NC)

Photo Electric Sensor



Type : Retro Reflect / Through Beam
 Range : 300mm to 20 Meter
 Output : PNP / NPN (NO / NC)
 Housing : Cylindrical / Rectangular

Laser / Mycom Sensor



Type : Laser / Mycom / Fibre Optic
 Range : 30mm to 800mm
 Output : PNP / NPN (NO / NC)
 Housing : Cylindrical / Rectangular

Level Sensor (Ultrasonic)



Type : Ultrasonic / Laser
 Range : 100 to 6000mm
 Connection : Cylindrical / Rectangular
 Output : PNP / NPN, 4 to 20mA / 0 to 10VDC

Incremental Encoder



Type : Incremental
 Range : 100 PPR to 5000 PPR
 Mounting : Shaft / Hollow
 Application : RPM Measurement

Absolute Encoder



Type : Absolute
 Range : 100 PPR to 5000 PPR
 Mounting : Shaft / Hollow
 Application : Angle / Long Distance
 Turn : Multi turn

INSTRUMENTATION

Ball Valve



Type : Manual, Rotary / Electrical Actuator
 Size : 1/2" to 24" (2 / 3 Way)
 MOC : CS / CI / SS / PP / WCB
 Connection : Screwed / Flanged end #150, #300

Control Valve



Type : Pneumatic Operated ON / OFF
 Size : 1/2" to 6" (2 / 3 Way)
 MOC : CS / CI / SS / PP / WCB
 Connection : Screwed / Flanged / Triclover

Dust Collector / Direct Acting



Type : Dust Collector / Direct Acting (2/2, 3/2)
 Model : ASDA, ASDD / SSD, BSD, WSV
 Size : 1/2" to 3" / 1/4", 3/8", 1/2"

Namur solenoid Valve / Positioner / Limit Switch



Type : Direct Acting / Namur
 Protection : Weather / Flame proof
 Supply : 24V DC / 230, 110V AC

Butterfly Valve



Type : Manual, Rotary / Electrical Actuator
 Size : 1-1/2" to 80"
 MOC : CI Body CI Disc / CI Body SS Disc / Fully SS
 Connection : Screwed / Flanged end

Directional Control Valves



Type : Normally Open / Close
 Model : ISD, GSD, GTD, HVS, HPSE
 Size : 1/2" to 4"
 Pressure : 0.5 to 110 Bar
 Supply : 24VDC, 230VAC & 110VAC

Pressure Reducing / Safety Valve



Type : Direct Acting / Pop Type
 Model : WGS, WGC / PLS, PTF
 Size : 1/2" to 24"
 Pressure : 0.2 to 10 kg/cm²
 Connection : Screwed / Flanged end

Check valve



Type : Threded / Disc / Wafer
 Size : 1/4" to 24"
 MOC : CI, SS



HINDUSTAN HYDRAULICS & PNEUMATICS

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Cylinder (ISO / Non ISO)



Type : Compact / Round, Square Std. / Profile
Bore : 16mm to 300mm Bore
Stroke : 10mm to 3000mm (Std., Non Rotating Rod)
Model : FMK, RMS, VNC /ANC, AX502, CCM / CCF

FRL



Type : Modular / Combination
Size : 1/4" to 2"
Material : Filter, Regulator, Lubricator
Connection : Screwed & Flanged

Roto Seal Coupling (LH / RH)



Type : Roto Seal Coupling (LH / RH)
Model : ALR, ASRS, DRS, AXS & ARH
Size : 1/2" to 2"

Solenoid Valve



Type : Manual, Pilot, Electrical Operated
Size : 1/8" to 1-1/2"
Supply : 24VDC, 230VAC & 110VAC
Port : 2/2, 3/2, 5/2 Single / Double & 5/3

Solenoid Valve



Type : Manual, Pilot, Electrical Operated
Size : 1/8" to 1-1/2"
Supply : 24VDC, 230VAC & 110VAC
Port : 2/2, 3/2, 5/2 Single / Double & 5/3

Moisture Separator / Auto Drain Valve



Type : Normally Open / Close
Size : 1/2" to 12" / 3/8" & 1/2"

Dual Sensing Valve



Type : 3/2 & 4/2 Dual Sensing Valve
Size : 1/2" to 1-1/2"
Supply : 24VDC, 230VAC & 110VAC

Quick Exhaust Valve



Type : QEV / FCV
Size : 1/4" to 2"

PNEUMATIC ACCESSORIES





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HVAC PRODUCTS

Stroke Valve



Size : 15mm to 250mm
Type : Two way and Three way
Flow : 40 to 315m³/h
Actuator Type : Spring Return/Non-Spring Return

Pressure Independent Control Valve (PIBC)



Size : 11mm to 150mm
Type : Two way
Flow : 0.4 to 195 m³/h
Actuator Type : Spring Return / Non-Spring Return

Damper Actuator



Types : Rotary, Linear, Air, Fire
Torque : 2 to 35Nm
Damper Area : 0.3m² to 6m²
Positioning Time : 2s to 150s
Output : 4-20mA, 0-10v DC / ON-OFF

Pressure / DP Transmitter



Types : Absolute, Differential
Range : -1 to 60 Bar
Output : 4-20mA, 0-10v DC

Ball valve



Size : 15mm to 50mm
Type : Two way and Three way
Flow : 1 to 96m³/h
Actuator Type : Spring Return/Non-Spring Return

Butterfly Valve



Size : 40mm to 600mm
Type : Two way
Flow : 50 to 30000 m³/h
Actuator Type : Spring Return / Non-Spring Return

Thermostats / Sensors



Range : 15 to 100% rh
Types : With and Without Display
Output : 4-20mA, 0-10v DC, SPDT, ModBus
Power Supply : 24v AC / DC, 230v AC, Batteries,
Application : Room, Duct, Dew point, Outdoor

Pressure / Temperature / Flow Switch



Types : With and Without Display
Output : 4-20mA, 0-10v DC, SPDT, ModBus
Power Supply : 24v AC / DC, 230v AC, Batteries,
Application : Room, Duct, Dew point, Outdoor





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INDUSTRIAL VALVE

Gate Valve (IBR / Non IBR)



Type : Manual / Pneumatic Operated
MOC : Gun Metal, CI, CS, SS
Size : 1/2" to 12"
Connection : Threded / Flanged / Wafer

Globe Valve (IBR / Non IBR)



Type : Manual / Pneumatic Operated
MOC : Gun Metal, CI, CS, SS
Size : 1/2" to 12"
Connection : Threded / Flanged

Non Return Valve



Type : Swing type, Direct Acting, Wafer, Disc
MOC : Gun Metal, CI, CS, SS
Size : 1/2" to 24"
Connection : Threded / Flanged / Wafer

Strainer



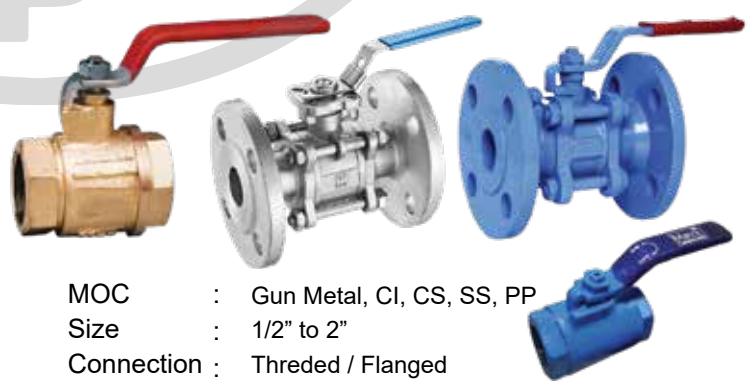
Type : "Y" type, "T" Type
MOC : Gun Metal, CI, CS, SS
Size : 1/2" to 24"
Connection : Threded / Flanged

Steam Trap



Type : Thermodynamic / Ball Float
MOC : Gun Metal, CI, CS, SS
Size : 1/2" to 2"
Connection : Threded / Flanged

Ball Valve



MOC : Gun Metal, CI, CS, SS, PP
Size : 1/2" to 2"
Connection : Threded / Flanged

Quick Release Coupling



Type : Single & Double Check QRC
Size : 1/2" to 2"
MOC : SS, CS

Camlock Coupling



Type A-Male Adapter x Female
Type B-Female Coupler x Male
Type C-Female Coupler x Hose Shank
Type D-Female Coupler x Female
Type E-Male Adapter x Hose Shank
Type F-Male Coupler x Male
Type DG-Dust Cap
Type DP-Dust Plug





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HYDRAULIC FITTINGS / TUBE FITTINGS - CS FITTINGS



FITTINGS

 MALE ELBOW	 STRAIGHT UNION	 MALE BRANCH TEE	 FEMALE CONNECTOR	 BANJO COUPLING	 FERRULE
 MALE CONNECTOR	 EQUAL ELBOW	 EQUAL TEE	 GAUGE ADAPTOR	 BONDED / COPPER WASHER	 NUT
 HEX NIPPLE	 MALE ELBOW	 FEMALE ELBOW	 4 WAY CROSS	 BULK HEAD ELBOW	 MALE / FEMALE DUMMY
 REDUCER HEX NIPPLE	 MALE X FEMALE ELBOW	 FEMALE TEE	 SWIVEL ELBOW	 HOSE COLLAR	 SEAMLESS TUBE
 FEMALE TEE	 MALE TEE	 4 WAY CROSS MALE / FEMALE	 SWIVEL CONNECTOR	 WELDABLE NIPPLE	

BRASS FITTINGS

 MALE CONNECTOR	 MALE ELBOW	 EQUAL ELBOW	 UNION TEE	 PU MALE CONNECTOR	 HEX NIPPLE
 UNION CONNECTOR	 ELBOW MALE / FEMALE	 TEE MALE / FEMALE	 CROSS MALE / FEMALE	 FERRULE	 NUT
 MALE X FEMALE ADAPTOR	 COUPLING	 HOSE COLLAR MALE / FEMALE	 HOSE JOINT	 COPPER TUBE	 NYLON TUBE

ONE TOUCH FITTINGS



TWO TOUCH FITTINGS





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SS TUBE FITTINGS / INSTRUMENTATION MANIFOLD

GLOBAL
VALVES AND FITTINGS CO.

FITTINGS



MALE ELBOW



EQUAL ELBOW



MALE BRANCH TEE



FEMALE ELBOW



REDUCER TEE



FERRULE

NUT



4 WAY CROSS



BULK HEAD CONNECTOR



FEMALE TEE



PIPE NIPPLE



DUMMY



SEAMLESS TUBE



HEX NIPPLE



FEMALE ELBOW



FEMALE COUPLING



BUSH



FEMALE TEE / CROSS



UNION



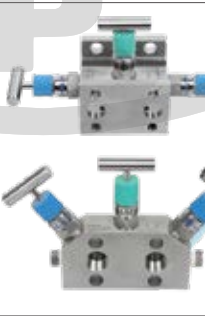
BALL VALVE



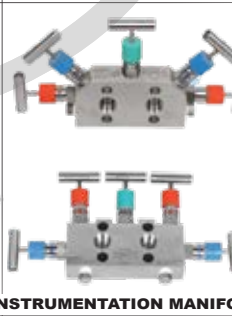
NEEDLE VALVE



GAUGE COCK



INSTRUMENTATION MANIFOLD



BLEED VALVE



NEEDLE VALVE



NON RETURN VALVE



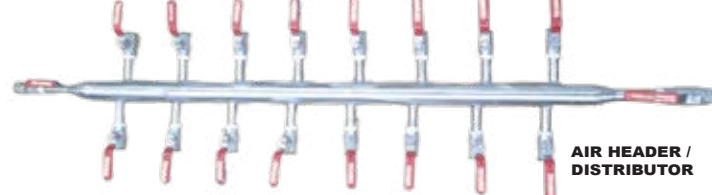
SNUBBER / BLOCK FITTING



HIGH PRESSURE BALL VALVE



U / Q SYPHON



AIR HEADER / DISTRIBUTOR



FABRICATED AIR RECEIVER TANK





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LUBRICATION ITEMS

Manual Lubrication Pump



Type : Manual Hand Operated
MOC : Acrylic / Metal Body
Capacity : 0.25, 0.6, 1, 1.7, 3 ltr

Manual Grease Pump



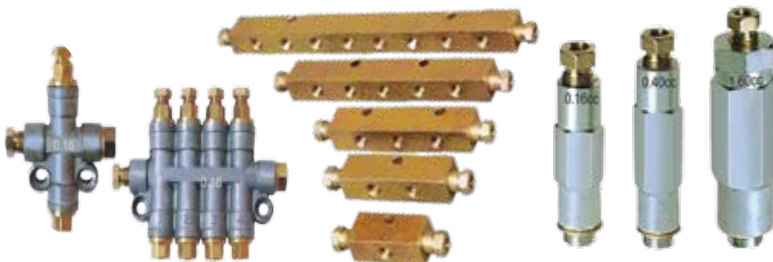
Type : Manual / Pneumatic Operated
MOC : Acrylic / Metal Body
Capacity : 0.5, 1, 1.5, 5, 15, 50 kg

Rotary Pumps / Assembly



Flow : 0.5 to 40 lpm
Motor HP : 0.25, 0.5 hp

Injector / Manifold / Metering Cartridge



Automatic Lubrication Unit

HYDROMACS™



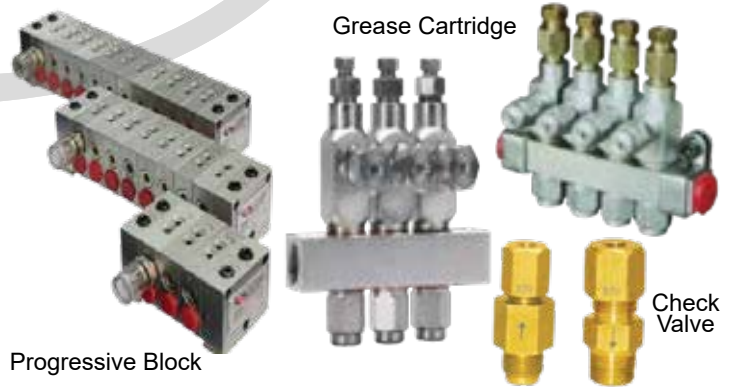
Supply : Single / Three Phase
MOC : Acrylic / Metal Body
Capacity : 2.7, 3, 5, 8, 20, 30 ltr

Pneumatic Grease Pump



Type : Manual / Pneumatic Operated
Capacity : 5, 10, 20, 25, 50, 200 kg

Progressive Block / Grease Cartridge



Progressive Block

Grease Cartridge

Check Valve

Lub Fittings



HYDROMACS™



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PNEUMATICS

Air Operated Diaphragm Pump



Application

Chemical, Ceramic, Electron,
Coal Mine, Machinery, Automobile,
Food & Medicine, Printing, Papermaking,
Waste Water Treatment, Leather and
Textile Print, Powder Transfer



Size : 1/2" to 2"
Flow : 35 to 586Lpm
MOC : PP & Aluminium

Pneumatic Cylinder



Type : Compact, Profile, Tie-Rod
Bore : 12, 16, 20, 25, 32, 40, 50, 63, 80, 100mm
Stroke : 5 mm to 1000mm
Rod : Single / Double

Large Bore & Knife Edge Gate Valve Cylinder

Large Bore Cylinder



Size : 1-1/2" to 14"
Stroke : 5mm to 1000mm
Type : Magnetic /
Non-Magnetic

Knife Edge Gate Valve Cylinder



Solenoid Valve (Excel, Maxflow, Modular)



Type : Electrical / Mechanical / Air Operated
Size : 1/8" to 1/2" (3/2, 5/2, 5/3)
Supply : 24VDC, 110VAC, 230VAC
Action : Single / Double

Poppet Valve



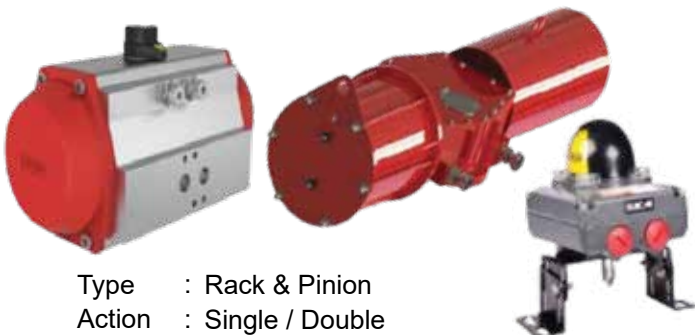
Type : Electrical / Mechanical / Air Operated
Size : 1/4" to 1" (3/2, 5/2, 5/3)
Supply : 24VDC, 110VAC, 230VAC
Action : Single / Double

Process Valve (Midget, Diaphragm)



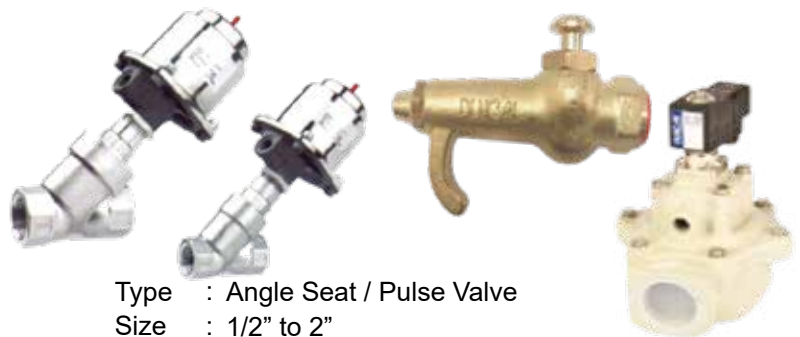
Action : Direct Acting / Diaphragm
Size : 1/4" to 1"
Supply : 24VDC, 110VAC, 230VAC
Type : 2/2 & 3/2

Actuator / Limit Switch



Type : Rack & Pinion
Action : Single / Double

Angle Seat Valve / Pulse Valve & Air Gun



Type : Angle Seat / Pulse Valve
Size : 1/2" to 2"



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MATERIAL HANDLING EQUIPMENT

Foldable Platform Trolley

Capacity : 135 / 150 / 200 / 250 kg



Folding Hand Truck



Capacity : 120 / 200 / 250 / 300 kg



Folding Truck with 3 Wheel

Capacity : 120 / 200 kg



Folding Multi Truck with 2 Wheel

Capacity : 150 / 200 / 250 / 300 kg



Aluminium Hand Truck

Capacity : 200 / 250 kg



Mobile type Scissor Lift

Capacity : 150 / 300 / 500 kg



Stair Climber with 3 Wheel / Folding Truck

Capacity : 30 / 70 / 90 kg



3 in 1 Folding Truck

Capacity : 90 / 130 kg





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Hydraulic Pallet Truck



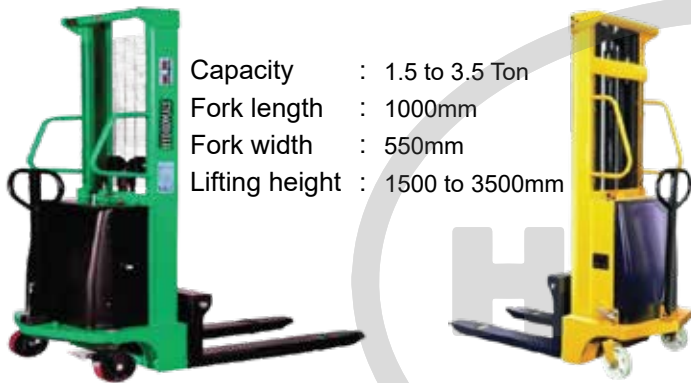
Capacity : 1.5 / 2 / 2.5 / 3 / 5 Ton
Fork length : 1150 / 1220 mm
Fork width : 550 / 685 mm
Lifting height : 110mm

Semi Stacker



Capacity : 1.5 to 3.5 Ton
Fork length : 1000mm
Fork width : 550mm
Lifting height : 1500 to 3500mm

Semi Electric Stacker



Capacity : 1.5 to 3.5 Ton
Fork length : 1000mm
Fork width : 550mm
Lifting height : 1500 to 3500mm

Drum Shifter / Tilter



Capacity : 250 Kg
Height : 1600mm

Hydraulic Puller

Capacity : 5 to 50 Ton



INTEGRAL PULLER

GEAR PULLER

Hydraulic Toe Jack

Capacity : 50 Ton



Hand Operated Water Test Pump



Working Pressure
70 & 100 Bar

Low Lift Jack



Capacity : 1 to 50 Ton

MATERIAL HANDLING EQUIPMENT



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WHAT WE ARE

Hindustan Hydraulics and Pneumatics (since 1997), Leading Manufacturer and Distributor for industrial products in tamilnadu. Our Marketing Offices are Located in Hosur, Coimbatore, Trichy and Pondicherry, we deal with the complete range of products from the categories:

Hydraulics | Pneumatics | Instrumentation | Sensors | HVAC Products

Hoses for All Applications | Industrial Process Valves & Valve Automation | Tubes & Fittings

Since we deal with the top brands of the global market, We can able to support our customers with a quality service. and also, we have a strong technical team with highly qualified and well-trained engineers. so, We can able to understand and analyze our customer requirements. it will help us to give proper solutions to the customers in affordable prices. We have a separate team to deliver products to customers door step within chennai. We have our sales engineers in the field to support our customers in any time they need. we work as a team to establish trust with the customers and the manufacturers. I would like to thank all my employees for being the backbone of the organization and proving it time and again that we exist for a purpose to surpass our customer's expectations.

DEALING PRODUCTS

Hydraulic :

Hydraulic Pumps, Directional Control Valves, Flow Control Valves, Pressure Control Valves, Modular Valves, Proportional Valves, Hydraulic Cylinder, Powerpack, Jack, Hydraulic Filters, Accumulator, Automatic Lubrication Units, Air Blast Oil Cooler, Heat Exchangers, Pallet Truck, Material Handling Equipments, etc..

Pneumatics :

Pneumatic Actuators, Direction Control Valves, Flow Control Valves, Process Solenoid Valves, Air Filters, Regulators, Lubricators, Manifolds, Vacuum Ejectors, Vacuum Cups, Rotary Actuators, Grippers, Air Boosters, Air Dryers, Auto Drain Valves, Digital Pressure Switches, Digital Flow Switches, Tubes and Fittings, Etc...

Instrumentation:

Pressure Gauges, Diaphragm Pressure Gauge, DP Gauges, Pressure Switches, Pressure Transmitters, Magnehelic Gauges, Temperature Gauges, RTD's, Temperature Transmitters, Flow Meters, Flow Switches, Level Gauges, Level Switches, Level Transmitters, Needle Valves, Manifolds and Other Accessories...

Manual and Automation Valves:

Ball Valves, Butterfly Valves, Gate Valves, Globe Valves, Pressure Relief Valves, Pressure Reducing Valves, Diaphragm Control Valves, Process Solenoid Valves, Angle Type Pneumatic Control Valves, Non-return Valves, Etc....

Hoses :

Hydraulic Hoses, Air and Water Rubber Hoses, Steam Rubber Hoses, Ss Corrugated Hoses, SS Braided Teflon Hoses, High Pressure Jack Hoses, Nylon Braided PVC Hoses, Steel Wire Braided Thunder Hoses, PVC Duct Hoses, Suction Hoses, Fuel Transfer Hoses, Heat Resistant Carbon Free Hoses, Silicone Hoses..

HVAC :

Motorised Butterfly Valve, Motorised Ball Valve, Motorised Stroke Valve, Motorised Magnetic Valve, PICV Valve, Intelligent Valve, Thermostat, Temperature Sensor, CO2 Sensor, Pressure Sensor, Humidity / Air Quality Sensor, Damper Actuator...

Tubes & Fittings:

CS, SS, Copper Tubes, Hex Nipple, Male / Female Connector, Male / Female Elbow, Male / Female Tee, Male Branch, Run Tee, Bulkhead, Banjo, Washer, etc..

