

VISHWAKRAMA PROJECT & MACHINERY

Crafting Engineering Excellence

- HOT AIR DRYER
- DEHUMIDIFIER AIR DRYER
- VACUUM LOADER
- MOULD TEMPERATURE CONTROLLER
- GRANULATORS
- METAL SEPARATOR / METAL DETECTOR
- VERTICAL BATCH MIXER
- CUSTOMIZED CONVEYORS
- CONVEYING SYSTEM & DOSING
- GRAVIMETRIC BLENDERS / BLENDING UNIT
- INDUSTRIAL CHILLERS
- COOLING TOWER
- HOT RUNNER TEMPERATURE CONTROLLER
- SILOS, DAYBINS, & RACKS
- PLC SERVO SYSTEM
- DESCALING MACHINES
- MOULD RACKS
- ALL TYPES OF SPARE PARTS

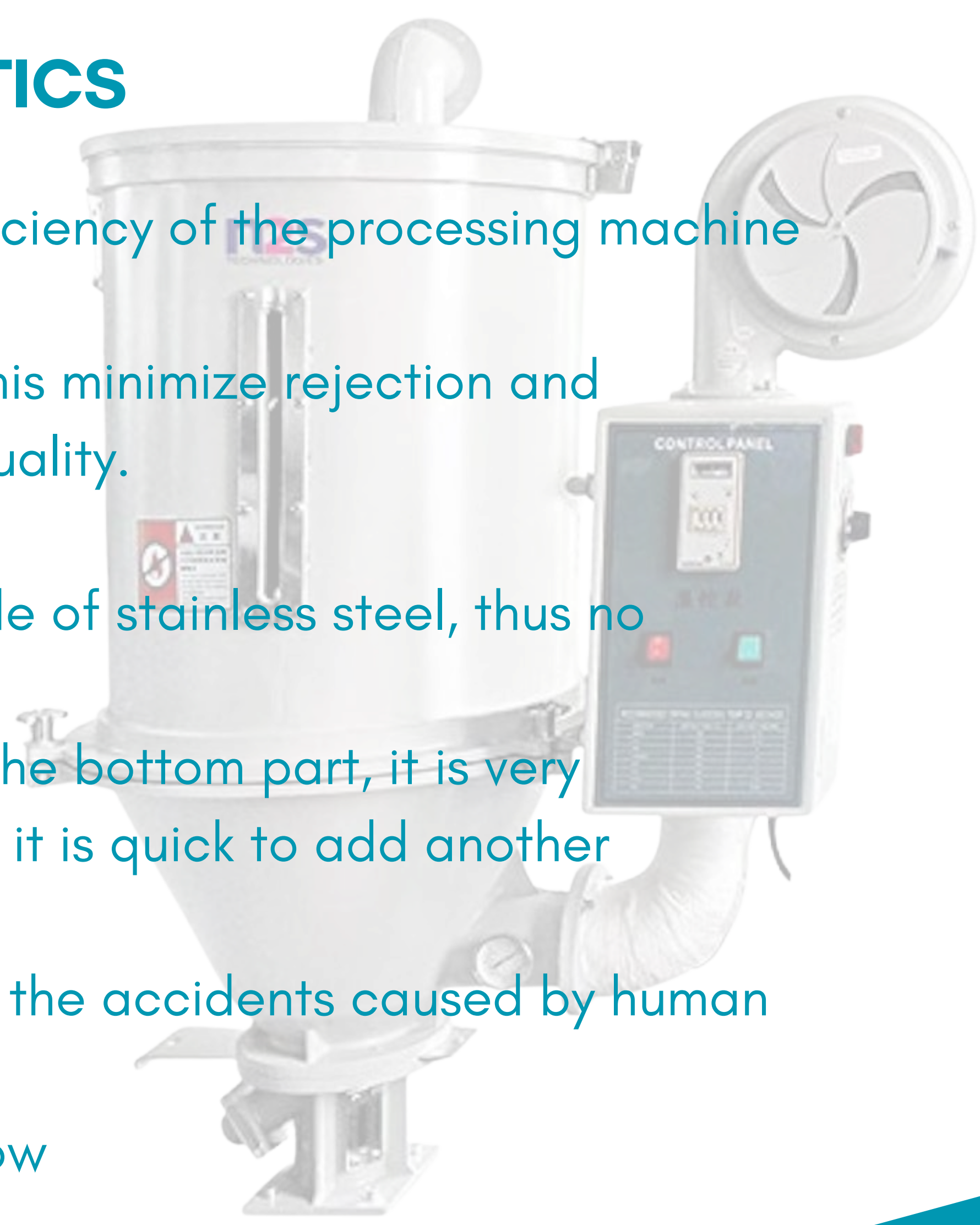


HOT AIR DRYER

The hopper dryers are most effective way of drying non-hygroscopic. plastic granules and removing surface moisture. With pre-heated material important production parameters are under control. The dryers can be mounted directly on the throat of moulding machine or on a frame.

PERFORMANCE CHARACTERISTICS

- Pre-Heated material increases the efficiency of the processing machine and thus its productivity.
- Surface moisture is removed reliably. This minimize rejection and guarantees a constantly high product quality.
- Requires very little maintenance
- Hopper and the internal parts are made of stainless steel, thus no damage caused by surface moisture.
- As the hopper body is separable from the bottom part, it is very convenient to clean the hopper so that it is quick to add another material.
- Overheat protection device to reduce the accidents caused by human being or mechanical breakdown.
- Magnetic base with transparent window



HOT AIR DRYER SPECIFICATIONS					
MODEL	CAPICITY (Kg)	Heat Power (KW)	Blower Power (W)	External size (mm)	Weight (Kg)
VPM -15	15	2.7	120	660x360x800	28
VPM -25	25	3.2	120	725x405x950	38
VPM -50	50	4.2	120	840x490x1070	75
VPM -75	75	5	180	900x550x1175	80
VPM -100	100	7	250	955x605x1410	95
VPM -150	150	9	250	950x610x1560	120
VPM -200	200	12	400	1230x770x1660	150
VPM -300	300	14.5	400	1335x870x1810	200
VPM -400	400	18	450	1360x915x1870	225
VPM -600	600	24	960	1360x950x2080	250

CABINET DRYER

Cabinet Dryer consist of an enclosed chamber where products to be dried are placed on stainless steel trays. These drying systems reduce the relativity humidity allowing the moisture to evaporate quickly. Cabinet dryers are widely used for reducing the moisture content of sensitive products.

CABINET DRYER SPECIFICATIONS			
MODEL	VPM -05	VPM -09	VPM -20
Heat Power(KW)	6	9	9
Blower Power(KW)	0.75	0.75	1.5
Temp. Range ⁰ C	250	250	250
Number of Trays	5	9	20
Capacity(Kg)	45	80	200
External size(cm)	85x70x110	85x70x145	100x97x200
Net Weight	154	190	450



VACUUM LOADER

Our Loader offer a wide choice of loader-blower sets and are designed for higher throughputs from 250kg - 1200kg. The unit are supplied with a seprate 3-phase floor standing blower station which is low noise and maintenance free. Also, available with two ma- terial lines with a common blower and can cater two machine simultaneously.

PERFORMANCE CHARACTERISTICS

- Stainless Steel Hopper, light weighted, durable, easy for cleaning.
- Overload protection device on motor with PID control, easy for operation.
- Independent Filter, convenient for cleaning accumulated dust.
- Auto-alarming protection device for material shortage.
- Induction type motor has strong suction force and long service life.

VACUUM AUTO LOADER SPECIFICATIONS									
Model	Motor(kw)	Conveying Capacity(kg/hr)	Conveying Height	Material Hopper Volume	Pipe Diameter (mm)	External Size(mm)		Weight (kg)	
						Body	Hopper	Controller	Hopper
VPM -300C	1	50	4.5m	6L	Dia38	Single phase	360x260x500	20	5
VPM -400	1	150	4.5m	6L	Dia38	Three phase	360x260x500	20	5
VPM -800G1	1.1	250	4.5m	6L	Dia38	430x380x600	360x260x430	45	5
VPM -800G2	1.5	550	5m	12L	Dia38	430x380x600	400x260x430	55	8
VPM -3HP	2.2	650	7m	20L	Dia50	450x380x800	400x260x750	75	15
VPM -4HP	3	700	8m	20L	Dia50	450x380x800	400x260x750	80	15
VPM -5HP	3.7	700	8m	20L	Dia50	450x380x800	400x365x750	45	5
VPM -7.5HP	5	900	10m	30L	Dia50	450x380x800	400x350x1000	55	8
VPM -2HP-F	1.5	400x2	5m	12Lx2	Dia38	430x380x600	400x260x430	55	8x2
VPM -3HP-F	2.2	400x2	7m	12Lx2	Dia50	450x380x800	400x260x750	65	12x2



SINGLE PHASE
LOADER



THREE PHASE
LOADER



3HP LOADER

MOULD TEMPERATURE CONTROLLER

Our Automatic mould temperature controller is mainly used to bring the mould to a specific operating temperature and hold that temperature constant by heating and/or cooling a circulating fluid heat transfer medium. This series adopts heat-exchanging principle, using water or high-heat-conduction oil as transfer medium.

MOULD TEMP. CONTROLLER SPECIFICATIONS								
Model	Max. Temp	Heating Medium	Cooling type	Heating Capacity (kw)	Pump Capacity		External Size(mm)	Weight (kg)
					Flow Rate(LPM)	Pressure (Bar)		
VPM -6W	90°C	Water	Direct	6	60	3	670x285x580	65
VPM -9W				9	60	4	670x285x580	68
VPM -12W				12	200	4	900x400x810	120
VPM -24W				24	315	4	900x400x810	120
VPM -6	90°C-160°C	Water/Oil	Indirect	6	45	3	670x285x580	70
VPM -6				6	60	4	670x285x580	73
VPM -9				9	80/110	5.5/4	900x400x810	75
VPM -24				24	200	4	900x400x810	120
VPM -6-2D				24	315	4	900x400x810	120



VERTICAL BATCH MIXER

Our batch mixer is suitable for mixing of powder and granule material. The mixing can be finished quickly and completely. The ideal structure and design make it easy for operation and also easy to clean and maintenance. It is mainly used for mixing and stirring of plastics material.

PERFORMANCE CHARACTERISTICS

- The internal surface of the equipment made of stainless steel to avoid contamination of the raw material.
- Interlock position device to ensure the safety for the operator.
- Automatic stop device, it stops in 0-30 minutes which can be set.
- Vertical design, less space occupied, easy dismounting.



VERTICAL BATCH MIXER SPECIFICATIONS				
MODEL	Power(Kw)	Mixing capacity(Kg)	External Size(W)	Weight(Kg)
VPM -50	1.5	50	830x 830x 1120	130
VPM -100	3	100	1000x 1000x 1280	190
VPM -150	4	150	1130x 1130x 1380	250
VPM -200	7.5	200	1200x 1200x 1500	320

CONVEYORS

We're one of the trusted suppliers of conveyors for various applications. Our belt conveyors for dedicated high-volume loading/unloading of containers, trailers, and boxed vehicles with parcels, cartons sacks, bags, tyres, and other loose items



HOT RUNNER TEMPERATURE CONTROLLER

We offer hot runner temperature controller, customized according to your needs



GRANULATORS

Designed to crushing various materials, re-use and semi-finished products made of plastic and rubber materials such as PVC, PC, HIPS, Nylon, ABS, HDPE, PET etc.

PERFORMANCE CHARACTERISTICS

- Integral body, study and durable, keeps excellent performance even after long-term crushing.
- Heavy load bearing and dust protection device, the noise-Proof board prevents vibration and noise effectively.
- With overloading protector on the motor and interlock protection device on the power source.
- Blades are made from high quality steel thus have high strength
- Water Cooling as option
- Level pad has an option
- Removable tray on mobile wheels
- With wheeled feet, convenient for moving in medium & low speed granulators.

GRANULATORS							
Model	Throat Size(mm)	Crushing Capacity(Kg/hr)	Rotating blades	Fixed Blades	Motor (kw)	Dimensions	Weight (Kg)
HIGH SPEED GRANULATORS-680RPM							
VPM -230F	200x230	75-100	3x2	2x1	4	920x610x1050	250
VPM -300F	200x300	100-150	3x3	2x1	5.5	950x740x1190	400
VPM -400F	235x400	200-250	3x4	2x1	7.5	980x840x1300	500
VPM -500F	290x500	300-350	3x5	2x2	11	1100x1020x1530	950
VPM -600F	320x600	350-400	3x6	2x2	15	1200x1110x2300	1300
VPM -800F	540x810	450-600	3x4	2x2	22	2200x1500x2300	2100
VPM -1000F	660x1000	600-850	3x5	2x2	30	2300x1750x2650	2500
LOW SPEED GRANULATORS-280RPM							
VPM -180FET	200x180	30-40	9	2	1.5	1020x400x1115	120
VPM -240FET	200x240	50-60	12	2	1.5	1020x400x1115	160
VPM -300FET	200x360	60-75	12	2	2.2	1100x500x1200	200



DUST COLLECTOR

DESCALING MACHINE

Customized & Imported As Per Requirements



INDUSTRIAL CHILLERS

We offer Process Chillers for Plastic, medical, pharmaceutical industries and varied industrial applications like plastic mould cooling, printing and lamination processes. These chillers incorporate microprocessor based controls which offer intelligent cooling and are energy efficient apart from being extremely compact with a small footprint.

PERFORMANCE CHARACTERISTICS

- Wide range of models: 1, 3, 5, 8, 10, 11, 12, 20, 25 TR & more
- Energy efficient scroll compressors and plate heat exchangers
- Extremely compact plug-in design for high ambient applications
- Stainless steel hydraulic circuit with buffer and expansion tank
- Microprocessor controller with computer and remote connectivity

CHILLERS									
MODEL	VPM -01	VPM -02	VPM -03	VPM -05	VPM -07.5	VPM -10	VPM -12	VPM -15	VPM -20
Cooling Capacity(Kcal/hr)	3000	6000	9000	15000	22500	30000	36000	45000	60000
Compressor Type	Scroll			Scroll					
Flow rate(LPM)	10	20	30	50	80	100	120	150	200
Compressor Make	Copeland			Danfoss/Copeland					
Evaporator	Coil in Tank			Shell & Tube					
Refrigerant	Freon R-22/R-404								
Condenser	Shell & Tube / Aluminium finned copper Tube								
Pump capacity	0.5HP	0.5HP	0.5HP	1HP	1HP	1.5HP	1.5HP	2HP	3HP
Dimensions(mm)	750x750x1050	750x750x1050	900x900x1100	1050x1050x1250	1050x1050x1250	1200x1500x1350	750x750x1050	1500x1800x1500	1500x2000x1600
Weight(Kg)	150	200	300	550	800	1200	1500	1650	2100



INDUSTRIAL COOLING TOWERS

Metal cooling tower from 5 to 2000 tons and fibreglass units from 5 to 500 tons. Equipment, chemicals and testing programs offered. Cooling towers, Water reservoir and pumping systems, water filtration and treatment equipment available.

- Corrosion Resistance
- Environmentally Safe
- Non Conductivity
- Light Weight
- Ease of maintenance
- Modular Evaporation Panel
- Consistent of Structural
- Low life cycle cost



MOULD RACKS

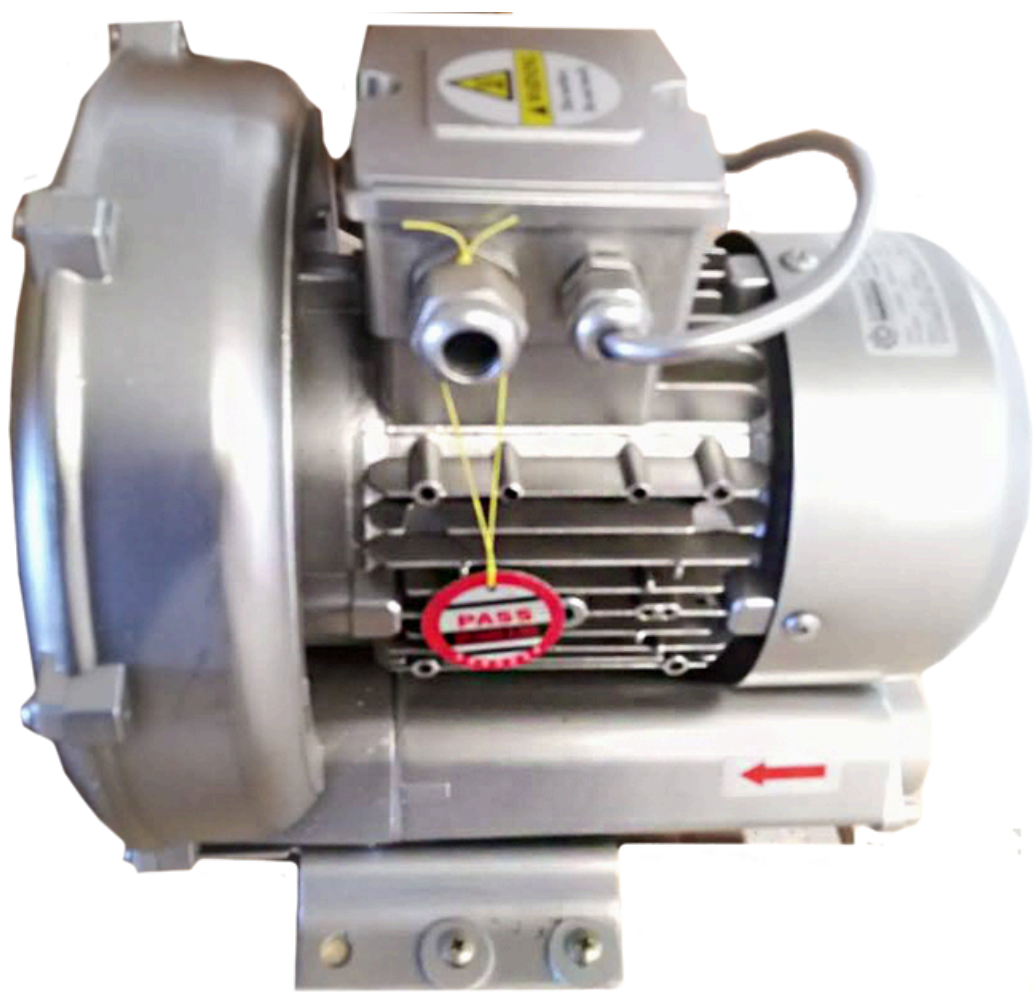
We offer wide range of silos, daybins, and mould racks, customised according to your needs and specification



STAINLESS STEEL DAYBINS



SPARE PARTS



Vacuum Blower



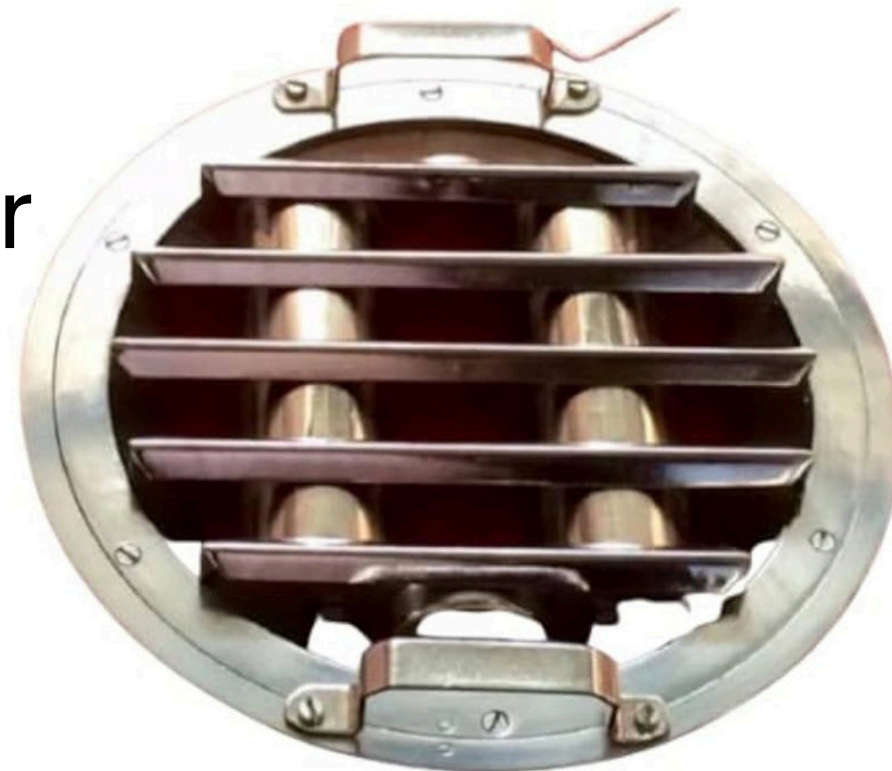
pid controllers



Loader belly



Cd blower



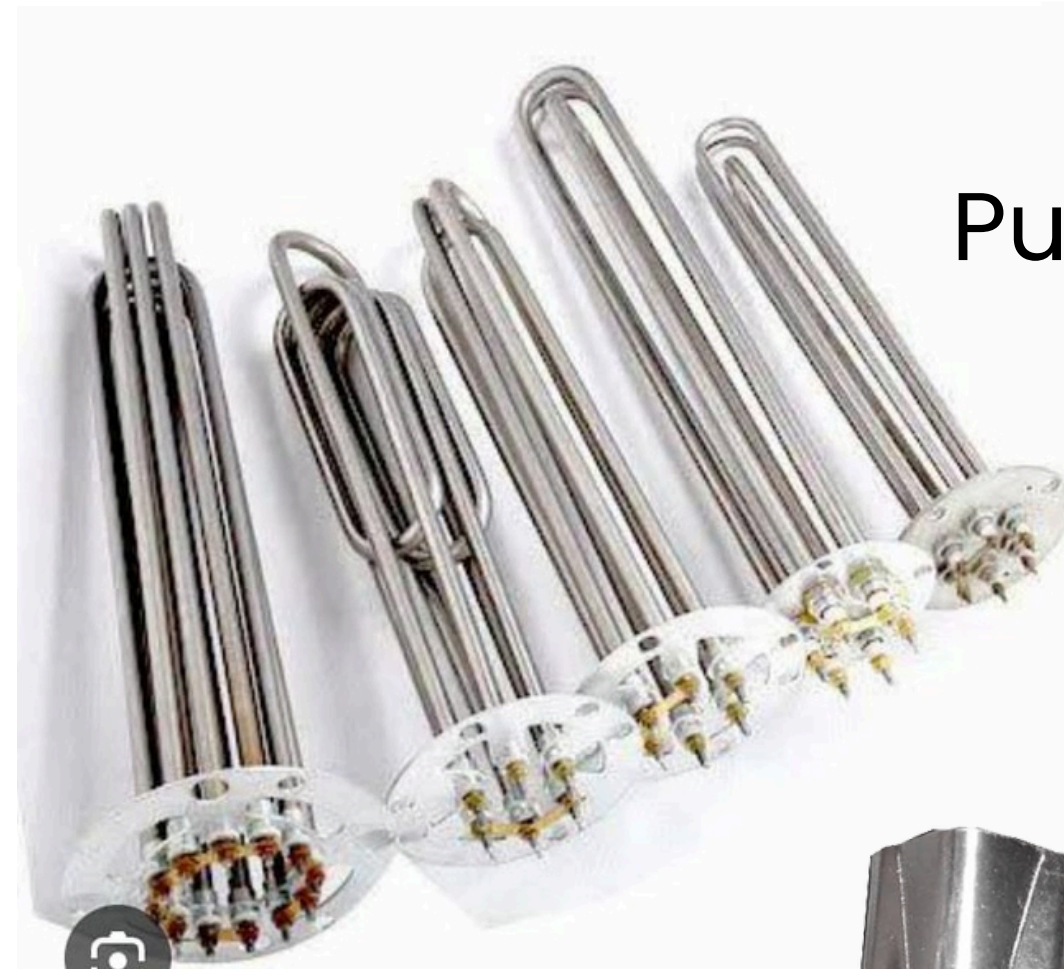
Magnet grill



Pump air blower



Net filter with rubber



Suction filter



Dust collector



Belly claimp



Net filter rubber



Hopper jali



Limit switch



Hopper Blower



Pvc hose

ABOUT US

VISHWAKARMA PROJECT & MACHINERY

Innovating with Integrity

Established in 2018, Vishwakarma Project & Machinery has been dedicated to building transparent, trustworthy, and long-term relationships with our clients. We strongly believe that the growth of our company is directly linked to the success of our customers. Our team is committed, well-informed, and always ready to assist via phone or email, ensuring a smooth and informed customer experience.

We specialize in the manufacturing and distribution of a wide range of industrial systems, including drying systems, mixers, feeders, material-conveying systems, temperature-control equipment, and granulators. We are also at the forefront of plastic processing system integration—offering complete engineering solutions and installation services. These systems are designed to help plastic processors manage raw materials efficiently, enhance part handling, and boost overall production output. Beyond supplying high-quality machinery, we also offer comprehensive support services. This includes post-sales support, expert installation, maintenance, and technical assistance—ensuring maximum value and reliability for every client.

Mr. Ramavtar Vishwkarama

Mob. 7011924737

Govind Vishwkarama

Mob. 8920148525

sales@vishwakarma02.gmail.com

F1/8 jai vihar Nangloi road najafgarh new delhi 110043

