



PT. KUSUMA TEKNIK PERSADA



ENGINEERING, DISTRIBUTOR & SERVICES

Industrial-Pumps, Blowers and Compressors
Engineering Systems



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About the Company



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Our History.

Kusuma Teknik was founded since 1984 and today we have been a trusted partner to several principals and a trusted supplier to many companies throughout Indonesia. We are dedicated to expand our business by finding new partners who share our values

Our Values.

To prosper, a company has to be trusted by customers for providing high quality that meet their needs at a fair price, trusted by principals for protecting and promoting their interest, and also trusted by employees for being concerned about their personal and professional needs. In essence, building a company that is a fair, trustful and honest business partner to every stakeholder.

Our Vision.

To be a trusted engineering systems solutions provider throughout the nation.

Our Mission.

A group of sales and engineering specialist who committed in serving quality products and services to our clients.

Business Focus.

- Distributor and services for Industrial Pumps, Blower and Compressors
- Engineering Solution Provider focusing in Pneumatic & Vacuum System

**“Quality Products
& Services are
our priorities”**

Market Segments and Applications

Cement Industries

- Pneumatic Conveying for Cement
- Airlift Process
- Oil Injection Pump for Kiln
- Utility water and air handling

Food, Beverage and Pharmaceutical Industries

- Pneumatic Conveying for Bulk Materials eg. milk, sugar, cocoa
- Air Mixing process
- High viscosity liquid transfer
- Hygienic Liquid Pumping
- Utility water and air handling

Waste Water Treatment Industries

- Submersible pumps for sewage treatment plant
- Mixing process
- Chemical injection pumps
- Aeration process

Petrochemical & Power Generation

- Injection Water feed
- Chemical Pumps transfer
- Drying process and Burner with blower
- Fly ash, bulk material handling
- Utility water and air handling

Pulp & Paper Industries

- Starch transfer process
- High viscosity liquid transfer
- Process water transfer with high solid content and corrosive condition
- Utility water and air handling

Sugar Industries

- Injection water supply
- Molasses Liquid Transfer
- Magma/ masecuite transfer
- Steam Boiler Vacuum

Other Segment for Liquid and Air Handling

- Plastic Industries
- Steel industries
- Glass Industries
- Commercial Building - eg. HVAC, Fire Fighting, Water Supply



Reference Pictures

Figure 1 - Centrifugal Pump



Figure 2 - Big Pump Testing Facilities in Factory



Figure 3 - Rotary Blower Installation in Food Industry



Figure 4 - Irrigation Pump



Figure 5 - Screw compressors package without hood



Figure 6 - Big Rotary Blowers Ready for Shipment



Figure 7 - Blower Package with Acoustic Hood



Figure 8 - Blowers for Overpressure & Vacuum Application



Figure 9 - Blower Package with Hood for Aeration in Waste Water Treatment Plant



Figure 10 - Submersible Motors for Deepwell Application



Figure 11 - Two Stage Big Centrifugal Pumps for Irrigation



Figure 12 - Various stock for Split Casing Pumps



Figure 13 - Blower package in Cocoa Industry



Figure 14 - Individual Pump being tested



Figure 15 - Vacuum Blower for Metallizing Application



Figure 15 - Testing facilities in Factory



Figure 14 - Electromotor Plant Assembly



Services Capabilities

- Installation & Commissioning
- On-site Troubleshooting & Maintenance
- On-site Training
- Overhaul & Repair
- Preventive maintenance contract
- Original spare parts availability

Overhaul & Repair



On-Site Training



Installation & Commissioning



On-Site Troubleshooting & Maintenance



Preventive Maintenance Contract



Original Spare Parts Availability



On-site Troubleshooting



Our Inventory

Common Spare Parts

- Barestage Pumps - Blowers
- Overhaul Kits
- Gear Wheels
- Air Filter
- Oil Filter
- Oil

Our Inventories



Pumps Inventories



Air Filter



Oil



Inlet Strainer



Barestage Blowers



Oil Filter & Gear Wheels





General Products

Screw Compressor

Applications.

- Pneumatic Transport
- Homogenizing Cement
- Utility/Pneumatic Operation

Technical Data.

- Capacity : up to 250 m³/min
- Max Diff Pressure : 12 bar
- Available in Oil Free or Oil Injected Model
- Complete with Electronic Protection



Blower

Applications.

- Pneumatic Conveying of Bulk Material
- Waste water treatment
- Chemical and Gas Processing/ Transfer

Technical Data.

- Capacity : up to 150 m³/min
- Max Diff Pressure : 1500 mbar
- Rotary Lobe with Special Bearing & Helical Timing Gear



Centrifugal Pumps

Applications.

- Water supply system
- Building application
- Fire Fighting
- Process Transfer

Technical Data.

- Capacity : up to 2300 m³/hr
- Max Diff Head : 130 meter
- Varieties of Impeller: Closed, Semi-Open, Open or Vortex Impeller



Multistage Centrifugal Pumps

Applications.

- Boiler feeding
- Fire fighting
- Industrial & Commercial water supply

Technical Data.

- Capacity : up to 700 m³/hr
- Max. Diff Head : 630 meter
- Available in Cast Iron and Stainless Steel Material
- Hot Water Design Available



Submersible Pumps

Applications.

- Deep well water intake
- Dewatering/ Flood control
- Waste Water Drainage Pumps

Technical Data.

- Capacity: up to 8,640 m³/hr
- Max Diff Head: 196 meter
- Water-filled/Oil-filled motors
- 4" to 14" size available
- Available in Cast Iron, Bronze, Stainless Steel
- Dry Installation Possibility



Air Operated Diaphragm Pumps

Applications.

- Chemical/Food Processing
- Explosive liquid
- Liquid with solids
- Utilities

Technical Data.

- Capacity : up to 59 m³/hr
- Max Diff Head : 100 meter
- Viscosity: 55,000 cSt
- Available in various material: Aluminium, Plastics, Stainless Steel, Hastelloy



Special Application Pumps

- Hygienic Pumps
- Liquid Ring Vacuum Pumps
- Positive Displacement Pumps for Viscous Liquid
- Twin/Triple Screw Pumps for Oil Transfer
- Dosing Pumps
- Magnetic Seal-less Pumps





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HEAD OFFICE

Jl. Raya Margorejo no. 16-18,
Surabaya 60237,
East Java – Indonesia
Phone: +62 31 841 2627
Fax: +62 31 841 2628

BRANCH OFFICE

Pergudangan Era Prima Blok K-3
Jl. Raya Daan Mogot km. 21, no.1
Jakarta Barat
West Java - Indonesia
Phone: +62-21-29516282

info@kusumateknik.co.id
www.kusumateknik.co.id