



**PT AUGNER POWERINDO**

— *Achieve success with us through professionalism* —





COMPANY PROFILE

# PT AUGNER POWERINDO

ENGINEERING • EQUIPMENT • ENERGY SOLUTION

FOCUS BUSINESS :



MATERIAL HANDLING



MECHANICAL



ELECTRICAL



INSTRUMENT



ENGINEERING CONCRETED



POWER ENERGY



SERVICES







# PT AUGNER POWERINDO

ENGINEERING • EQUIPMENT • ENERGY SOLUTION

## TENTANG KAMI

Kami adalah perusahaan yang berdiri di cilegon sejak 2009 dengan nama PT NDEX STEELINDO lalu tahun 2014 kami berganti nama dengan PT SENTRA BAJA GEMILANG yang memiliki saham sebesar 80% dan telah berjalan dengan beberapa sub bisnis diantaranya :

- engineering
- mechanical parts
- equipment
- energy sollution
- others support electrical & instrumentation products

Lalu seiring dengan berkembang dan ekspansi bisnis tahun 2026 kami berganti nama PT AUGNER POWERINDO dengan saham sebesar 90% dan berkomitmen dengan beberapa segment industry diantaranya :

- Petrochemical
- Power Station
- Steel Mills
- Flour Mills
- OEM
- Material Bulk & Terminal
- EPC
- Transportation
- Mining

Di beberapa kota diindonesia yang sudah disupport oleh team kami.

Kami berkomitmen memberikan layanan terbaik dan dukungan terbaik dengan sumberdaya manusia yang memiliki dedikasi dan profesional sehingga kepuasan para pelanggan kami dapat tercapai.



Beberapa partnership kami yang disebut DD atau dealer telah memberikan banyak kontribusi kepada klien yang berada diluar jangkauan area kami dengan support system yang telah dibangun sejak 2009 sehingga pembelian barang dapat dilakukan dengan partnership kami tersebut (DD).

## PRODUK UTAMA KAMI



### MECHANICAL EQUIPMENT

PUMP | COMPRESSOR  
VALVE | HEAT EXCHANGER  
TANK | SKID SYSTEM



### ELECTRICAL & INSTRUMENTATION

CONTROL PANEL | MOTOR  
INSTRUMENT | CABLE TRAY  
SENSOR | AUTOMATION



### ENERGY SOLUTION & ENVIRONMENT

ENERGY EQUIPMENT | FILTER  
WATER TREATMENT  
EMISSION CONTROL



## SEGMENT INDUSTRI



Petrochemical



Material Bulk & Terminal



Power Station



EPC



Steel Mills



Transportation



Flour Mills



Mining



OEM



## CAKUPAN BISNIS KAMI

- Engineering Products (mechanical, electrical & instrument)
- Concreted Engineering Products
- Industrial Equipments
- Industrial Spare Parts (static & dynamic)
- Material Handling
- Alloys Products
- Energy Sollution (parts & equipment)
- Environmental Products



## OUR GROUP COMPANY

- ✓ PT APINDO MITRA SELARAS
- ✓ PT ANEXCO MITRA ABADI
- ✓ PT NISSANDI KOMPRESINDO
- ✓ PT TRUSTI SINERGI INDONESIA



BERPENGALAMAN  
SEJAK 2009



KUALITAS  
TERJAMIN



LAYANAN  
PROFESIONAL



JANGKAUAN  
SELURUH INDONESIA





# PT AUGNER POWERINDO

ENGINEERING • EQUIPMENT • ENERGY SOLUTION



## VISI

Menjadi perusahaan terkemuka dalam solusi engineering, equipment, dan energi yang inovatif dan berkelanjutan di Indonesia.



## MISI

- Memberikan produk dan layanan berkualitas tinggi
- Meningkatkan nilai bagi pelanggan melalui solusi terbaik
- Mengembangkan sumber daya manusia yang profesional dan berdedikasi
- Berkontribusi terhadap pembangunan industri nasional

## OUR VALUE



### INTEGRITY

Menjunjung tinggi kejujuran dan etika profesional



### QUALITY

Mengutamakan kualitas dalam setiap layanan



### TEAMWORK

Bekerja bersama untuk mencapai hasil terbaik



### INNOVATION

Terus berinovasi untuk solusi yang lebih baik



### COMMITMENT

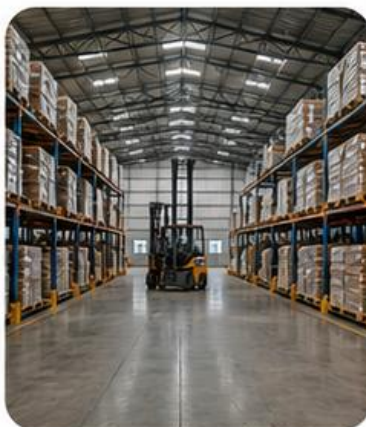
Berkomitmen penuh terhadap kepuasan pelanggan



## ACCOUNT & FINANCE



Kompl. Grand Pesona Cilegon  
Cluster Melia Blok i/1 no 03  
Cilegon, Kec. Mangkunegara  
Kel. Bojonegara  
Serang - Banten  
Indonesia  
42154



## WARE HOUSE



Kompl. Lebak Indah Griya Asri  
Blok D4-17 & D5-05  
Waringin kurung - Kramat watu  
RT.006 RW.002  
Serang, Banten  
Indonesia  
42161



## SALES & WORKSHOPS



Jl. Letnan Jenderal R. Suprpto  
Jl. Kubang Sepat No.KM.3,  
No 1A, Citangkil,  
Kec. Citangkil,  
Kota Cilegon,  
Banten - Indonesia  
42441



## EMAIL

### TEAM A

CSO : sales@kseindonesia.com

## TEAM B

CSO 1 : sales1@augnerpowerindo.com

CSO 2 : sales2@augnerpowerindo.com

CSO 3 : sales3@augnerpowerindo.com

CSO 4 : sales4@augnerpowerindo.com



## WEBSITE

www.augnerpowerindo.com







PT AUGNER POWERINDO  
**OUR MAIN** services  
MRO





## PT AUGNER POWERINDO

INDUSTRIAL SOLUTIONS, RELIABLE PERFORMANCE



QUALITY  
ASSURED



TECHNICAL  
EXPERTISE



### INDUSTRIAL ELECTRIC MOTOR SERVICES



MAXIMIZE UPTIME



IMPROVE EFFICIENCY

#### ELECTRIC MOTOR SERVICES

##### 1. INSPECTION & DIAGNOSTIC



- Vibration Analysis
- Insulation Testing
- Thermal Imaging
- Condition Monitoring

##### 2. MOTOR REWINDING & REPAIR



- Stator Rewinding
- Rotor Balancing
- Bearing Replacement
- Winding Repair

##### 3. MECHANICAL OVERHAUL



- Rotor Overhaul
- Bearing & Seal Replacement
- Shaft Repair
- Housing Refurbishment

##### 4. TESTING & QUALITY CONTROL



- No Load Test
- Load Test
- Vibration Test
- Performance Report

##### 5. INSTALLATION & COMMISSIONING



- On-site Installation
- Alignment & Balancing
- Commissioning
- Start-up Support

#### TYPES OF INDUSTRIAL MOTORS



- Induction Motor (TEFC / ODP)
- DC Motor
- Servo Motor
- Brake Motor
- Explosion Proof Motor

##### APPLICATIONS:

Pumps, Fans, Compressors, Conveyors, Mixers, Extruders, Crushers, and more.

#### WHY CHOOSE PT AUGNER POWERINDO?

- ✓ Experienced & Certified Technicians
- ✓ Advanced Tools & Testing Equipment
- ✓ OEM Standard Quality
- ✓ Quick Response & On-site Service
- ✓ Cost Effective & Reliable Solutions



YOUR RELIABLE PARTNER FOR INDUSTRIAL PERFORMANCE



#### TYPES OF INDUSTRIAL GEARBOXES

- Helical Gearbox
- Bevel Helical Gearbox
- Worm Gearbox
- Planetary Gearbox
- Parallel Shaft Gearbox

##### APPLICATIONS:

Conveyors, Crushers, Mixers, Elevators, Rolling Mills, Plastic Machines, and more.



### INDUSTRIAL GEARBOXES SERVICE



EXTEND EQUIPMENT LIFE



REDUCE COST

#### GEARBOXES SERVICES

##### 1. INSPECTION & DIAGNOSTIC



- Visual Inspection
- Vibration Analysis
- Oil Analysis
- Wear Measurement

##### 2. DISASSEMBLY & EVALUATION



- Complete Disassembly
- Component Inspection
- Damage Assessment
- Report & Recommendation

##### 3. GEAR & COMPONENT REPAIR



- Gear Repair / Replacement
- Shaft Repair / Replacement
- Bearing Replacement
- Seal & Gasket Replacement

##### 4. REASSEMBLY & TESTING



- Precision Reassembly
- Backlash Adjustment
- Lubrication & Sealing
- Performance Testing

##### 5. INSTALLATION & SUPPORT



- On-site Installation
- Alignment & Coupling
- Start-up & Monitoring
- Maintenance Support

#### INDUSTRY APPLICATIONS



OIL & GAS



POWER PLANT



CEMENT



MINING



PULP & PAPER



MANUFACTURING



INDUSTRIAL  
EXPERIENCE



PRECISION  
SERVICES



MAXIMUM  
RELIABILITY



SAFETY  
FIRST

PT AUGNER POWERINDO

Industrial Solutions, Reliable Performance



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**PT AUGNER POWERINDO**

# ROTATING EQUIPMENT PROGRAM

**RELIABLE | EFFICIENT | SUSTAINABLE**

Providing Professional Solutions for Inspection, Maintenance, Repair, and Optimization of Rotating Equipment



## EXPERT TEAM

Certified & experienced engineers with extensive field knowledge.



## ADVANCED TECHNOLOGY

Using state-of-the-art tools for inspection, analysis, and precision repair.



## QUALITY ASSURANCE

Work according to international standards and best practices.



## MAXIMIZE PERFORMANCE

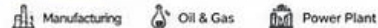
Improving reliability, efficiency and lifetime of your equipment.

## 1 ELECTRIC MOTOR OVERHAUL



- Disassembly & Inspection
- Rewinding & Insulation
- Bearing Replacement
- Testing & Commissioning

### APPLICATIONS:



## 2 GEARBOX REPAIR & REBUILD



- Inspection & Failure Analysis
- Gear & Bearing Replacement
- Housing Repair
- Reassembly & Testing

### APPLICATIONS:

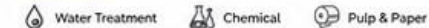


## 3 CENTRIFUGAL PUMP SERVICE



- Inspection & Diagnosis
- Impeller & Casing Repair
- Seal & Bearing Replacement
- Performance Testing

### APPLICATIONS:



## 4 SCREW & RECIPROCATING COMPRESSOR SERVICE



- Inspection & Overhaul
- Rotor & Valve Service
- Seal & Bearing Replacement
- Performance Optimization

### APPLICATIONS:

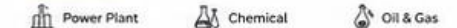


## 5 STEAM TURBINE MAINTENANCE



- Inspection & Analysis
- Blade & Seal Inspection
- Bearing & Seal Replacement
- Balancing & Testing

### APPLICATIONS:



## 6 INDUSTRIAL FAN & BLOWER SERVICE



- Inspection & Cleaning
- Bearing Replacement
- Balancing & Alignment
- Performance Testing

### APPLICATIONS:



## 7 LASER SHAFT ALIGNMENT



- Precision Alignment
- Soft Foot Check
- Machine Train Alignment
- Alignment Report

### APPLICATIONS:



## 8 DYNAMIC BALANCING



- Single Plane Balancing
- Two Plane Balancing
- Field Balancing
- Vibration Reduction

### APPLICATIONS:

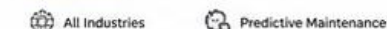


## 9 VIBRATION ANALYSIS & CONDITION MONITORING



- Vibration Data Collection
- Trend Analysis
- Fault Diagnosis
- Condition Monitoring

### APPLICATIONS:



## 10 MECHANICAL SEAL REPLACEMENT



- Seal Inspection
- Seal Replacement
- Seal Support System Check
- Testing & Verification

### APPLICATIONS:



**INDUSTRIES  
WE SERVE**



OIL & GAS



POWER PLANT



CEMENT



MINING



STEEL



CHEMICAL



PULP & PAPER



WATER TREATMENT



FOOD & BEVERAGE



GENERAL  
MANUFACTURING



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PT AUGNER POWERINDO

# INDUSTRIAL CLEANING SOLUTION

TANK • BOILER • HEAT EXCHANGER & COMPLETE INDUSTRIAL CLEANING SERVICES

CLEANER EQUIPMENT • HIGHER EFFICIENCY • LONGER LIFE • SAFER OPERATION



## IMPROVE PERFORMANCE

Remove scale, sludge, fouling & deposit to restore efficiency.



## EXTEND EQUIPMENT LIFE

Prevent corrosion, under-deposit corrosion & reduce maintenance cost.



## SAFE & RELIABLE

Work with certified procedures, experienced team & proper HSE.



## ENVIRONMENTALLY RESPONSIBLE

Use eco-friendly chemicals and proper waste management.

### 1 TANK CLEANING



- Sludge, Scale & Sediment Removal
- Hydro Blasting / Water Jetting
- Chemical Cleaning
- Inspection & Final Cleaning

#### APPLICATIONS



### 2 BOILER CLEANING



- Scale & Soot Removal
- Chemical Cleaning
- Hydro Jetting / Descaling
- Tube Cleaning

#### APPLICATIONS



### 3 HEAT EXCHANGER CLEANING



- Chemical Cleaning (CIP)
- Mechanical Cleaning
- Tube & Bundle Cleaning
- High Pressure Water Jetting

#### APPLICATIONS



### 4 PIPELINE CLEANING



- Pigging Cleaning
- Hydro Jetting
- Chemical Cleaning
- Debris & Scale Removal

#### APPLICATIONS



### 5 COOLING TOWER CLEANING



- Basin & Sump Cleaning
- Fill Pack Cleaning
- Algae & Biofilm Removal
- Disinfection

#### APPLICATIONS



### 6 CHILLER CLEANING



- Heat Exchanger Cleaning
- Tube Cleaning
- Chemical Cleaning
- System Flushing

#### APPLICATIONS



### 7 REACTION VESSEL CLEANING



- Residue & Scale Removal
- Chemical Cleaning
- High Pressure Jetting
- Inspection & Passivation

#### APPLICATIONS



### 8 FIN FAN & CONDENSER CLEANING



- Fin Fan Cleaning
- Condenser Cleaning
- Chemical & Water Cleaning
- Performance Restoration

#### APPLICATIONS



### 9 DEGASSER & STRIPPER CLEANING



- Internal Cleaning
- Packing & Tray Cleaning
- Scale & Deposit Removal
- Inspection

#### APPLICATIONS



### 10 HYDRO JETTING & HIGH PRESSURE CLEANING



- Ultra High Pressure Cleaning
- Concrete & Surface Cleaning
- Vessel Internal Cleaning
- Paint & Coating Removal

#### APPLICATIONS



### INDUSTRIES WE SERVE



OIL & GAS



PETROCHEMICAL



POWER PLANT



CHEMICAL



PULP & PAPER



FOOD & BEVERAGE



WATER TREATMENT



MARINE & SHIPYARD



PHARMACEUTICAL



GENERAL MANUFACTURING



## CERTIFIED TEAM

Experienced & Trained

Cleaning Specialists



## ADVANCED EQUIPMENT

High Pressure, Hydro Jetting,

Chemical Cleaning System



## QUALITY & SAFETY FIRST

Comply with

Standards & HSE



www.augnerpowerindo.com



info@augnerpowerindo.com



Professional Cleaning • Reliable Service • Proven Results





PT AUGNER POWERINDO

# INDUSTRIAL MACHINING PROCESS

PRECISION • QUALITY • RELIABILITY

PRECISE ENGINEERING • ADVANCED TECHNOLOGY • MAXIMUM PERFORMANCE



## HIGH PRECISION

Tight tolerances and superior surface finish for optimal performance.



## ADVANCED EQUIPMENT

CNC machines and modern technology for complex machining.



## QUALITY ASSURANCE

Strict inspection and quality control to meet industry standards.



## EXPERIENCED TEAM

Skilled engineers and technicians delivering reliable machining solutions.

## 1 CNC TURNING



- Shaft & Roller Machining
- Diameter Turning
- Facing & Grooving
- Thread Cutting
- Taper Turning

### APPLICATIONS:

Oil & Gas Power Plant Mining

## 2 CNC MILLING



- Slot & Pocket Milling
- Surface Milling
- Profile Milling
- Drilling & Tapping
- Contour Machining

### APPLICATIONS:

Manufacturing Automotive Mold & Die

## 3 BORING



- Line Boring
- Bore Machining
- Bore Alignment
- Housing Boring
- Large Diameter Boring

### APPLICATIONS:

Heavy Equipment Marine Construction

## 4 GRINDING



- Surface Grinding
- Cylindrical Grinding
- Internal Grinding
- Tool & Cutter Grinding
- Centerless Grinding

### APPLICATIONS:

Aerospace Mold & Die Precision Tools

## 5 GEAR MACHINING



- Gear Cutting
- Gear Hobbing
- Gear Shaping
- Gear Grinding
- Spline Machining

### APPLICATIONS:

Automotive Oil & Gas Industrial Gearbox

## 6 DRILLING & TAPPING



- Drilling
- Reaming
- Tapping
- Countersinking
- Counterboring

### APPLICATIONS:

Fabrication Assembly Maintenance

## 7 FABRICATION MACHINING



- Frame Machining
- Plate Machining
- Structural Machining
- Weldment Machining
- Repair & Refurbishment

### APPLICATIONS:

Steel Structure Shipyard Heavy Industry

## 8 CNC VERTICAL MACHINING



- High Precision Milling
- Complex Part Machining
- Multi-Surface Machining
- Jig & Fixture Machining
- Small to Medium Parts

### APPLICATIONS:

Electronics Medical Automation

## 9 CNC HORIZONTAL MACHINING



- High Accuracy Machining
- Pallet Machining
- Large Part Machining
- High Productivity
- Complex Geometry

### APPLICATIONS:

Aerospace Energy Heavy Equipment

## 10 SHAFT & ROLLER MACHINING



- Shaft Machining
- Roller Machining
- Journal Machining
- Balancing Machining
- Surface Finishing

### APPLICATIONS:

Paper Mill Textile Conveyor System

## INDUSTRIES WE SERVE



OIL & GAS



POWER PLANT



PETROCHEMICAL



MINING



MARINE & SHIPYARD



STEEL INDUSTRY



PULP & PAPER



AUTOMOTIVE



CONSTRUCTION



GENERAL MANUFACTURING



## CUSTOM SOLUTIONS

Tailored machining solutions for your unique needs.



## ON TIME DELIVERY

Committed to delivering quality on schedule.



## COMPETITIVE PRICING

Best value with high standard machining services.



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[info@augnerpowerindo.com](mailto:info@augnerpowerindo.com)



PRECISION • QUALITY • RELIABILITY



PT AUGNER POWERINDO

# OUR MAIN PRODUCTS

M R O & PROJECTS





PT AUGNER POWERINDO



## POWER TRANSMISSION

- a. Belt & Pulleys
- b. Chain & Sprockets
- c. Couplings
- d. Gear Reducers
- e. Electric Motors

BELT &amp; PULLEYS



CHAIN &amp; SPROCKETS



COUPLINGS



GEAR REDUCERS



ELECTRIC MOTORS



## PUMP

- a. Multistage Pumps
- b. Diaphragm Pumps
- c. Lobe Pumps
- d. Submersible Pumps
- e. Peristaltic Pumps
- f. Positive Displacement Pumps
- g. Gear Pumps
- h. Piston Pumps
- i. Screw Pumps
- j. Others

MULTISTAGE PUMPS



LOBE PUMPS



PERISTALTIC PUMPS



GEAR PUMPS



SCREW PUMPS



DIAPHRAGM PUMPS



SUBMERSIBLE PUMPS



POSITIVE DISPLACEMENT PUMPS



PISTON PUMPS



OTHERS



## VALVE

- a. Ball Valves
- b. Needle Valves
- c. Pinch Valves
- d. Butterfly Valves
- e. Gate Valves
- f. Diaphragm Valves
- g. Check Valves
- h. Globe Valves
- i. Plug Valves
- j. others



BALL VALVES



PINCH VALVES



GATE VALVES



CHECK VALVES



PLUG VALVES



NEEDLE VALVES



BUTTERFLY VALVES



DIAPHRAGM VALVES



GLOBE VALVES



OTHERS

## LIGHTING

- a. AC, DC & Solars
- b. Explosion Proof
- c. Flood Lights

AC, DC &amp; SOLARS



EXPLOSION PROOF



FLOOD LIGHTS

INDUSTRIES  
WE SERVE

CEMENT PLANT



POWER PLANT



MINING



OIL &amp; GAS



CHEMICAL PLANT



FOOD &amp; BEVERAGE



PULP &amp; PAPER



STEEL INDUSTRY



WATER TREATMENT



GENERAL INDUSTRY



QUALITY PRODUCTS



RELIABLE SOLUTIONS



EXPERT SERVICE



CUSTOMER SATISFACTION



# AP

## PT AUGNER POWERINDO



### SEALLING SYSTEMS

- a. Mechanical Seals
- b. Customized Oil Seals

#### MECHANICAL SEALS



High performance mechanical seals designed for pumps, mixers, and rotating equipment.

#### CUSTOMIZED OIL SEALS



Custom engineered oil seals for extreme conditions and various industrial applications.

### INSTRUMENTATION

- a. Flow Measurement
- b. Level Measurement
- c. Pressure Measurement
- d. Multi Parameter Analyzer
- e. Energy Measurement

#### FLOW MEASUREMENT



Accurate flow measurement for liquids, gases, and steam.

#### LEVEL MEASUREMENT



Reliable level monitoring for tanks, silos, and vessels.

#### PRESSURE MEASUREMENT



Precise pressure monitoring for industrial processes.

#### MULTI PARAMETER ANALYZER



Online analysis of multiple parameters for process control.

#### ENERGY MEASUREMENT



Optimize energy usage and improve operational efficiency.

### CONVEYORS

- a. Flat Rubber Conveyor
- b. Chevron Rubber Conveyor
- c. PVC Conveyor
- d. Sidewall Conveyor

#### FLAT RUBBER CONVEYOR



Cost-effective solution for general material handling.

#### CHEVRON RUBBER CONVEYOR



Inclined conveyor with chevron cleats to prevent material slippage.

#### PVC CONVEYOR



Corrosion resistant conveyor for light to medium duty applications.

#### SIDEWALL CONVEYOR



Ideal for steep incline and bulk material handling.

### ENVIRONMENTAL PRODUCT

- a. Dust Collector
- b. Rotary Air Lock
- c. Air Slide Fabric
- d. Parts

#### DUST COLLECTOR



Efficient dust collection solution for clean and safe environments.

#### ROTARY AIR LOCK



Maintain air seal while ensuring smooth material discharge.

#### AIR SLIDE FABRIC



High quality air slide fabric for better flow and material handling.

#### PARTS



Genuine parts for reliable performance and long life.

### INDUSTRIES WE SERVE



CEMENT PLANT



POWER PLANT



MINING



OIL & GAS



CHEMICAL PLANT



FOOD & BEVERAGE



PULP & PAPER



STEEL INDUSTRY



WATER TREATMENT



GENERAL INDUSTRY



QUALITY PRODUCTS



RELIABLE SOLUTIONS



EXPERT SERVICE



CUSTOMER SATISFACTION





## PT AUGNER POWERINDO



### LUBRICATION SYSTEMS

- Centralized
- Single Point



#### CENTRALIZED SYSTEM

Automatic lubrication system designed to deliver the right amount of lubricant to multiple points, improving equipment reliability and reducing maintenance cost.



#### SINGLE POINT

Compact and reliable single point lubricators for simple and cost-effective lubrication solutions.

### MATERIAL HANDLING

- Screw Conveyor
- Table Top Chain
- Bucket Elevator
- Chain Conveyor



#### SCREW CONVEYOR

Efficient bulk material handling for powders, granules and fine materials.



#### TABLE TOP CHAIN

Heavy duty conveyor for stable and precise material transport.



#### BUCKET ELEVATOR

Ideal for vertical lifting of bulk materials with high capacity.



#### CHAIN CONVEYOR

Robust conveyor for heavy loads and continuous operation.

### OTHERS SERVICES

- Mechanical Service
- Electrical Services
- Regular Maintenance
- Instrumentation Installation
- Balancing
- Alignment
- Civil & Construction
- Erection Installation
- Fabrication
- Engineering Consultant
- Over Haul Mechanical Consultant



MECHANICAL SERVICE



ELECTRICAL SERVICES



MAINTENANCE



INSTRUMENTATION



BALANCING



ALIGNMENT



FABRICATION



ERECTION INSTALLATION



CIVIL & CONSTRUCTION



ENGINEERING CONSULTANT



OVER HAUL CONSULTANT

### EXPANSION JOINT

- Common Items
- Customized



#### METALLIC EXPANSION JOINT

Absorb thermal expansion, vibration and movement in piping systems.



#### FABRIC EXPANSION JOINT

Flexible solution for low pressure applications and air ducting systems.



#### RUBBER EXPANSION JOINT

Reduce vibration and noise, suitable for water, HVAC and general purpose applications.



#### PTFE EXPANSION JOINT

High chemical resistance for corrosive and aggressive media.

### INDUSTRIES WE SERVE



CEMENT PLANT



POWER PLANT



MINING



OIL & GAS



CHEMICAL PLANT



FOOD & BEVERAGE



PULP & PAPER



STEEL INDUSTRY



WATER TREATMENT



GENERAL INDUSTRY



QUALITY PRODUCTS



RELIABLE SOLUTIONS



EXPERT SERVICE



CUSTOMER SATISFACTION



PT AUGNER POWERINDO

# OUR PRODUCT DETAIL

DESCRIPTION





# CHAIN & SPROCKET

POWER TRANSMISSION

HIGH PERFORMANCE • HIGH DURABILITY • MAXIMUM RELIABILITY



PART NUMBER

**AP-60B28T-17T**

CHAIN SIZE : 60B | SPROCKET : 28T - 17T

MATERIAL : ALLOY STEEL | HEAT TREATMENT : INDUCTION HARDENED

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>1</b> ROLLER CHAIN<br>SINGLE STRAND<br><br><b>AP-RC-60-1R</b><br>APPLICATION :<br>  <br>CONVEYOR PACKAGING MATERIAL HANDLING | <b>2</b> ROLLER CHAIN<br>DOUBLE STRAND<br><br><b>AP-RC-60-2R</b><br>APPLICATION :<br>  <br>HEAVY DUTY LIFTING MINING     | <b>3</b> ROLLER CHAIN<br>TRIPLE STRAND<br><br><b>AP-RC-60-3R</b><br>APPLICATION :<br>  <br>STEEL MILL PAPER MILL SUGAR PLANT | <b>4</b> STAINLESS STEEL<br>ROLLER CHAIN<br><br><b>AP-RC-SS-60</b><br>APPLICATION :<br>  <br>FOOD & BEVERAGE PHARMACEUTICAL CHEMICAL | <b>5</b> AGRICULTURAL CHAIN<br>(ASA CHAIN)<br><br><b>AP-RC-ASA-60</b><br>APPLICATION :<br>  <br>AGRICULTURE PALM OIL MILL SUGARCANE                      |
| <b>6</b> SPROCKET<br>HUB TYPE<br><br><b>AP-SPK-HUB-60B28T</b><br>APPLICATION :<br>  <br>CONVEYOR GEARBOX PUMP             | <b>7</b> SPROCKET<br>TAPER BORE<br><br><b>AP-SPK-TB-60B28T</b><br>APPLICATION :<br>  <br>INDUSTRIAL FAN COMPRESSOR | <b>8</b> SPROCKET<br>QD BUSHING<br><br><b>AP-SPK-QD-60B28T</b><br>APPLICATION :<br>  <br>MIXER CONVEYOR AGITATOR       | <b>9</b> IDLER SPROCKET /<br>TENSIONER<br><br><b>AP-SPK-IDLER-66B</b><br>APPLICATION :<br>  <br>TENSIONER CONVEYOR AUTOMOTIVE  | <b>10</b> ENGINEERING CHAIN<br>SPECIAL ATTACHMENT<br><br><b>AP-RC-ATTACH-60</b><br>APPLICATION :<br>  <br>SPECIAL MACHINE AUTOMATION ASSEMBLY LINE |



**PREMIUM QUALITY**  
High Grade Alloy Steel



**HEAT TREATED**  
Stronger & Longer Life



**PRECISION ENGINEERED**  
High Accuracy & Fit



**WIDE COMPATIBILITY**  
Various Industrial Applications

RELIABLE POWER. SMOOTH PERFORMANCE. MAXIMUM PRODUCTIVITY.



# AP COUPLING

— POWER TRANSMISSION —

HIGH PERFORMANCE • HIGH DURABILITY • MAXIMUM RELIABILITY



PART NUMBER

## AP-JC-90-28-28

TYPE : JAW COUPLING | SIZE : 90 | BORE 1 : 28mm | BORE 2 : 28mm

MATERIAL : ALLOY STEEL | FINISH : BLACK OXIDE | INSERT MATERIAL : PU (POLYURETHANE)

### 1 JAW COUPLING



AP-JC-90-28-28

APPLICATION :



### 2 SPIDER COUPLING



AP-SC-90-28-28

APPLICATION :



### 3 FLEXIBLE COUPLING



AP-FC-55-20-20

APPLICATION :



### 4 DISC COUPLING



AP-DC-110-30-30

APPLICATION :



### 6 GRID COUPLING



AP-GR-100-28-28

APPLICATION :



### 7 TYRE COUPLING



AP-TC-120-35-35

APPLICATION :



### 8 OLDHAM COUPLING



AP-OC-60-20-20

APPLICATION :



### 9 BELLOW COUPLING



AP-BC-40-16-16

APPLICATION :



### 10 FLANGE COUPLING



AP-FLC-125-40-40

APPLICATION :



**PREMIUM QUALITY**  
High Grade Material



**PRECISION ENGINEERED**  
High Accuracy & Balance



**VIBRATION REDUCTION**  
Smooth & Quiet Operation



**EASY INSTALLATION**  
Time Saving Design



**WIDE COMPATIBILITY**  
Various Industrial Applications

RELIABLE POWER. SMOOTH PERFORMANCE. MAXIMUM PRODUCTIVITY.





# BELT & PULLEY

— POWER TRANSMISSION SOLUTIONS —

HIGH PERFORMANCE • HIGH EFFICIENCY • MAXIMUM RELIABILITY



PART NUMBER

## AP-5M-560

BELT TYPE : TIMING BELT (HTD) | PITCH : 5.0 mm | LENGTH : 560 mm | WIDTH : 15 mm

PULLEY : 25 TEETH (DRIVING) | 60 TEETH (DRIVEN) | BORE : 24 mm (KEYED)

MATERIAL : BELT - HNBR RUBBER | PULLEY - ALUMINUM / CAST IRON / STEEL

APPLICATION : INDUSTRIAL MACHINERY, PACKAGING, AUTOMOTIVE, CNC, CONVEYOR SYSTEM

### 1 TIMING BELT (HTD)



AP-HTD-5M-560

APPLICATION :



AUTOMOTIVE CNC MACHINE PACKAGING

### 2 V-BELT (CLASSIC)



AP-VB-A-56

APPLICATION :



FAN PUMP COMPRESSOR

### 3 POLY-V BELT (PK)



AP-PK-8PJ-560

APPLICATION :



WASHING MACHINE TREADMILL AGRICULTURE

### 4 V-RIBBED BELT (J)



AP-J-6PJ-560

APPLICATION :



HVAC BLOWER GENERATOR

### 5 FLAT BELT



AP-FB-100X5-1000

APPLICATION :



TEXTILE WOODWORKING PRINTING

### 6 TIMING PULLEY (HTD)



AP-TP-5M-25

APPLICATION :



ROBOT AUTOMATION POSITIONING

### 7 V-BELT PULLEY (SPA)



AP-VP-SPA-2-100

APPLICATION :



INDUSTRIAL FAN WATER PUMP ENGINE

### 8 POLY-V PULLEY (PK)



AP-PP-8PJ-100

APPLICATION :



AUTOMOTIVE HVAC APPLIANCE

### 9 TAPER BUSH PULLEY



AP-TB-2517-100

APPLICATION :



CONVEYOR CRUSHER MIXER

### 10 IDLER / TENSIONER PULLEY



AP-ID-6204-75

APPLICATION :



CONVEYOR PACKAGING MATERIAL HANDLING



HIGH POWER TRANSMISSION  
Smooth & Efficient



LONG SERVICE LIFE  
Wear Resistant Material



LOW MAINTENANCE  
Reliable Performance



WIDE COMPATIBILITY  
Multiple Applications



PRECISION ENGINEERED  
High Accuracy & Fit

RELIABLE POWER. SMOOTH PERFORMANCE. MAXIMUM PRODUCTIVITY.





# ELECTRIC MOTOR & GEAR REDUCER

— POWER TRANSMISSION SOLUTIONS —

HIGH PERFORMANCE • HIGH EFFICIENCY • MAXIMUM RELIABILITY



PART NUMBER

## AP-GR-97-100L-4P-B3

TYPE : HELICAL GEAR REDUCER | FRAME : 100L | POWER : 2.2 kW (3 HP) | RATIO : 1 : 25

MOUNTING : B3 (FOOT MOUNT) | OUTPUT SHAFT : Ø 28 mm (KEYED)

MOTOR : 3 PHASE 380V 50Hz | INSULATION : CLASS F | PROTECTION : IP55

### 1 HELICAL GEAR REDUCER + MOTOR



AP-GR-97-100L-4P-B3

APPLICATION :



CONVEYOR PACKAGING MIXER

### 2 WORM GEAR REDUCER + MOTOR



AP-WR-63-80M-4P-B5

APPLICATION :



LIFTING HOIST AGITATOR

### 3 HELICAL BEVEL GEAR REDUCER + MOTOR



AP-HB-90-100L-4P-B5

APPLICATION :



COBOT BELT ELEVATOR

### 5 PLANETARY GEAR REDUCER + MOTOR



AP-IN-80-90S-4P-B14

APPLICATION :



PUMP FAN COMPRESSOR

### 6 PARALLEL SHAFT GEAR REDUCER + MOTOR



AP-PS-87-100L-4P-B3

APPLICATION :



CONVEYOR TEXTILE FOOD

### 7 SHAFT MOUNTED GEAR REDUCER + MOTOR



AP-SM-77-90L-4P-B3

APPLICATION :



MATERIAL HANDLING SORTING AUTOMOTIVE

### 8 GEAR MOTOR BRAKE TYPE



AP-VS-90L-4P-B3

APPLICATION :



SPEED CONTROL ENERGY SAVING PROCESS LINE

### 10 VARIABLE SPEED GEAR MOTOR (INVERTER)



AP-EX-100L-4P-B3

APPLICATION :



OIL & GAS CHEMICAL MINING



HIGH EFFICIENCY  
IE2 / IE3 / IE4



LOW NOISE  
SMOOTH OPERATION



STRONG & DURABLE  
HEAVY DUTY DESIGN



ENERGY SAVING  
COST EFFECTIVE



EASY MAINTENANCE  
LONG SERVICE LIFE

RELIABLE POWER. SMOOTH PERFORMANCE. MAXIMUM PRODUCTIVITY.





# CLUTCH & BACKSTOP BEARINGS

## APPLICATION IN FACTORIES

AP clutch & backstop bearings provide reliable one-way rotation, preventing reverse motion and protecting drive systems in a wide range of industrial applications.



RELIABLE



ONE-WAY OPERATION



HIGH PERFORMANCE



LONG SERVICE LIFE



**AP-CB-6208**

## CLUTCH BEARING (BACKSTOP BEARING)

- Enables rotation in one direction only
- High torque capacity
- Precise construction for smooth operation
- Durable & long service life
- Easy installation & maintenance

### APPLICATION :



CONVEYOR



PACKAGING



PRINTING



MACHINE TOOLS



AUTOMOTIVE



TEXTILE

**AP-CB-6208**

### DEEP GROOVE CLUTCH BEARING

- Compact & lightweight design
- High radial load capacity
- Suitable for high speed
- One-way rotation (inner race free)

#### APPLICATION :



**AP-CB-6207**

### ANGULAR CONTACT CLUTCH BEARING

- Higher axial load capacity
- High rigidity & precision
- Ideal for horizontal shafts
- One-way rotation (inner race free)

#### APPLICATION :



**AP-DB-5006**

### DOUBLE ROW CLUTCH BEARING

- High torque capacity
- Compact double row design
- Smooth one-way operation
- High radial load

#### APPLICATION :



**AP-PB-6208**

### BACKSTOP BEARING (PLUG TYPE)

- Easy fit with plug design
- Prevents reverse rotation
- High torque capacity
- Reliable locking performance

#### APPLICATION :



**AP-FB-6208**

### BACKSTOP BEARING (FLANGE TYPE)

- Flange mount for easy installation
- High torque transmission
- Prevents reverse rotation
- Robust & durable

#### APPLICATION :



**AP-NB-3508**

### NEEDLE ROLLER BACKSTOP BEARING

- Compact with needle rollers
- High torque in small space
- Low friction & high efficiency
- One-way rotation

#### APPLICATION :



**AP-EB-6208**

### EXTERNAL KEYWAY BACKSTOP BEARING

- Keyway for easy assembly
- High torque capacity
- Prevents reverse rotation
- Long service life

#### APPLICATION :



**AP-TB-6208**

### TAPERED BORE BACKSTOP BEARING

- Tapered bore for secure fit
- High load & torque capacity
- Easy installation & removal
- Prevents reverse rotation

#### APPLICATION :

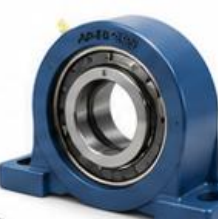


**AP-CSK-30**

### CLUTCH BEARING WITH HOUSING

- Ready to install
- Robust housing protection
- High alignment accuracy
- Reduced maintenance

#### APPLICATION :



**AP-RC-6208**

### SPRAG TYPE CLUTCH (BACKSTOP)

- High torque density
- Multi-sprag design
- Smooth & quiet operation
- One-way rotation

#### APPLICATION :



**HIGH TORQUE CAPACITY**  
Designed to handle high torque and heavy load applications



**PRECISE & RELIABLE**  
Precision engineered for smooth one-way operation



**DURABLE & LONG LASTING**  
High quality materials for extended service life



**EASY INSTALLATION**  
Various mounting options for easy integration





# SLEWING BEARING

SOLUTIONS

## APPLICATION IN FACTORIES & INDUSTRIES

AP slewing bearings are engineered for high load capacity, precision performance, and long service life in a wide range of industrial applications.



HIGH RELIABILITY



HIGH PRECISION



HEAVY DUTY



LONG SERVICE LIFE



AP-SB-0100

## SLEWING BEARING

- High load capacity & rigidity
- 360° smooth rotation
- Compact design & easy installation
- High precision & low maintenance
- Suitable for heavy duty applications

### APPLICATION :



CRANES



EXCAVATORS



WIND TURBINES



INDUSTRIAL ROBOTS



CONVEYOR SYSTEMS

AP-SB-1000

### SINGLE ROW FOUR POINT CONTACT BALL SLEWING BEARING

- Compact structure
- High radial & axial load
- Smooth rotation
- Widely used





# PLAIN BEARING & BUSHING BEARING

## SOLUTIONS

### APPLICATION IN FACTORIES

AP plain bearing & bushing bearing solutions deliver reliable performance, low friction, and long service life for a wide range of industrial applications.



RELIABLE



LOW FRICTION



HIGH DURABILITY



EASY MAINTENANCE



AP-PB-5020

## PLAIN BUSHING BEARING

- Low friction & wear resistance
- Self-lubricating with solid lubricant
- High load capacity
- Corrosion resistant
- Maintenance free & long service life

### APPLICATION :



CONVEYOR



AUTOMATION



MACHINE TOOLS



PRESSES



MATERIAL HANDLING



ENERGY

AP-PB-1010

### WRAPPED BRONZE BUSHING

- High load capacity
- Good wear resistance
- Suitable for moderate speed applications



#### APPLICATION :



INDUSTRIAL MACHINERY



AGRICULTURAL EQUIPMENT

AP-PB-2020

### DU BUSHING

- Steel backing with sintered bronze & PTFE
- Low friction
- High wear resistance



#### APPLICATION :



MACHINE TOOLS



AUTOMOTIVE

AP-PB-3030

### GRAPHITE PLUG BUSHING

- Self-lubricating
- Good thermal conductivity
- Suitable for high temp. applications



#### APPLICATION :



PUMPS



COMPRESSORS

AP-PB-4040

### FLANGED BUSHING

- Prevent axial movement
- Easy installation
- High load & impact resistance



#### APPLICATION :



CONVEYOR



MATERIAL HANDLING

AP-PB-5050

### SOLID LUBRICANT BUSHING

- Embedded solid lubricant
- Maintenance free
- Long service life



#### APPLICATION :



AUTOMATION



PACKAGING

AP-PB-6060

### THRUST WASHER

- With solid lubricant plugs
- High load capacity
- Reduce friction & wear



#### APPLICATION :



PRESSES



MACHINE TOOLS

AP-PB-7070

### BIMETAL BUSHING

- Steel backing with bronze layer
- Excellent load capacity
- Wear & fatigue resistant



#### APPLICATION :



HEAVY MACHINERY



CONSTRUCTION

AP-PB-8080

### MAINTENANCE FREE BUSHING

- Self-lubricating composite material
- No grease required
- High reliability



#### APPLICATION :



FOOD PROCESSING



TEXTILE MACHINERY

AP-PB-9090

### STRIP BUSHING (CUSTOM SIZE)

- Cut to required length
- Easy to install
- Cost effective



#### APPLICATION :



CONVEYOR



PACKAGING

AP-PB-100100

### HIGH LOAD BUSHING

- Extra thick wall design
- With solid lubricant
- For heavy duty applications



#### APPLICATION :



MINING



STEEL PLANT



### HIGH PERFORMANCE

Engineered for maximum load capacity and reliability



### LOW MAINTENANCE

Self-lubricating solutions for longer service life



### COST EFFECTIVE

Reduce downtime and maintenance cost



### WIDE APPLICATION

Suitable for various industries and operating conditions





# MECHANICAL SEAL SOLUTIONS

— SEALING • RELIABILITY • PERFORMANCE —



## SINGLE SPRING MECHANICAL SEAL

### AP-MS1000

- ⚙ Seal Type : Single Spring Balanced
- ⚙ Material : SiC / Carbon / SS316
- ⚙ Shaft Size : 10 – 100 mm
- ⚙ Pressure : Up to 25 Bar
- ⚙ Temperature : -40°C – 200°C
- ⚙ Speed : Up to 3600 RPM
- ⚙ Elastomer : NBR / EPDM / VITON
- ⚙ Application : Pumps, Mixers, Compressors, Agitators, Water Treatment, Oil & Gas, Chemical, Pulp & Paper

### 01 SINGLE SPRING UNBALANCED

AP-MS1000



- Simple design & cost effective
- Pressure : Up to 10 Bar
- Temp : -40°C – 120°C
- Application : Clean Water, General Service Pumps

### 02 SINGLE SPRING BALANCED

AP-MS2000



- Balanced seal, longer life
- Pressure : Up to 25 Bar
- Temp : -40°C – 200°C
- Application : Centrifugal Pumps, Boiler Feed Pumps

### 03 DOUBLE SPRING BALANCED

AP-MS3000



- Higher pressure resistance
- Pressure : Up to 40 Bar
- Temp : -40°C – 220°C
- Application : High Pressure Pumps, Chemical Process

### 04 MULTI SPRING BALANCED

AP-MS4000



- Heavy duty & high reliability
- Pressure : Up to 60 Bar
- Temp : -40°C – 250°C
- Application : Oil & Gas, Petrochemical, Refinery, Power Plant

### 05 CARTRIDGE MECHANICAL SEAL

AP-MS5000



- Easy installation (Plug & Play)
- Pressure : Up to 25 Bar
- Temp : -40°C – 200°C
- Application : Pumps, Mixers, Agitators, HVAC

### 06 CONICAL SPRING MECHANICAL SEAL

AP-MS6000



- Conical spring for stable load
- Pressure : Up to 35 Bar
- Temp : -40°C – 200°C
- Application : Chemical Pumps, Sewage Pumps, Mud Pumps

### 07 WAVE SPRING MECHANICAL SEAL

AP-MS7000



- Wave spring for even face loading
- Pressure : Up to 30 Bar
- Temp : -40°C – 220°C
- Application : Chemical Pumps, Pharmaceutical, Food & Beverage

### 08 SPLIT MECHANICAL SEAL

AP-MS8000



- Split design, no shaft disassembly
- Pressure : Up to 16 Bar
- Temp : -40°C – 150°C
- Application : Large Pumps, Paper Mill, Cooling Water Pumps

### 09 BELLOW MECHANICAL SEAL

AP-MS9000



- Bellows for zero leakage
- Pressure : Up to 40 Bar
- Temp : -40°C – 300°C
- Application : High Temp, Vacuum Service, Chemical Reactors

### 10 HIGH TEMPERATURE MECHANICAL SEAL

AP-MS10000



- Special design for extreme temp
- Pressure : Up to 50 Bar
- Temp : -50°C – 400°C
- Application : Thermal Oil, Hot Water, High Temp Chemical

## MATERIAL OPTIONS



## APPLICATIONS



**HIGH QUALITY MECHANICAL SEAL**



**LOW LEAKAGE**



**HIGH EFFICIENCY**



**LONG SERVICE LIFE**



**CORROSION RESISTANT**



**EASY INSTALLATION**



**WIDE RANGE APPLICATION**



**YOUR TRUSTED PARTNER FOR SEALING SOLUTIONS**





# INDUSTRIAL VALVE

— POWER TRANSMISSION SOLUTIONS —

HIGH PERFORMANCE • HIGH RELIABILITY • LONG SERVICE LIFE



PART NUMBER

## AP-BV-100-16F-SS316

|                 |                 |               |                             |
|-----------------|-----------------|---------------|-----------------------------|
| TYPE            | : BALL VALVE    | SEAT MATERIAL | : PTFE                      |
| SIZE            | : 2 INCH (DN50) | TEMPERATURE   | : -20°C TO 180°C            |
| PRESSURE RATING | : 16 BAR (PN16) | OPERATION     | : LEVER OPERATED            |
| CONNECTION      | : FLANGED END   | STANDARDS     | : API 598 / ISO 9001        |
| MATERIAL        | : SS316         | APPLICATION   | : WATER, OIL, GAS, CHEMICAL |

- HIGH DURABILITY
- LEAK PROOF
- EASY MAINTENANCE
- PRECISE CONTROL
- CORROSION RESISTANT

### 1 GATE VALVE



AP-GV-100-16F-CS

- SIZE : 2" (DN50)
- PRESSURE : 16 BAR
- MATERIAL : CARBON STEEL

APPLICATION:



### 2 GLOBE VALVE



AP-GLV-100-16F-CS

- SIZE : 2" (DN50)
- PRESSURE : 16 BAR
- MATERIAL : CARBON STEEL

APPLICATION:



### 3 BALL VALVE



AP-BV-100-16F-SS316

- SIZE : 2" (DN50)
- PRESSURE : 16 BAR
- MATERIAL : SS316

APPLICATION:



### 4 BUTTERFLY VALVE



AP-BFV-100-16W-CI

- SIZE : 2" (DN50)
- PRESSURE : 16 BAR
- MATERIAL : CAST IRON

APPLICATION:



### 5 CHECK VALVE



AP-CV-100-16F-CS

- SIZE : 2" (DN50)
- PRESSURE : 16 BAR
- MATERIAL : CARBON STEEL

APPLICATION:



### 6 DIAPHRAGM VALVE



AP-DV-100-10F-PP

- SIZE : 2" (DN50)
- PRESSURE : 16 BAR
- MATERIAL : PP

APPLICATION:



### 7 PLUG VALVE



AP-PV-100-16F-CS

- SIZE : 2" (DN50)
- PRESSURE : 16 BAR
- MATERIAL : CARBON STEEL

APPLICATION:



### 8 PRESSURE RELIEF VALVE



AP-PRV-100-16F-BR

- SIZE : 2" (DN50)
- PRESSURE : 16 BAR
- MATERIAL : BRONZE

APPLICATION:



### 9 SOLENOID VALVE



AP-SV-100-16F-BR

- SIZE : 2" (DN50)
- PRESSURE : 16 BAR
- MATERIAL : BRASS

APPLICATION:



### 10 NEEDLE VALVE



AP-NV-100-16F-SS316

- SIZE : 2" (DN50)
- PRESSURE : 16 BAR
- MATERIAL : SS316

APPLICATION:



HIGH QUALITY MATERIAL  
Built to Last

PRECISION ENGINEERED  
Smooth Operation

WIDE APPLICATION  
All Industry Use

SAFETY & RELIABILITY  
Leak Proof Performance

EASY MAINTENANCE  
Cost Effective

RELIABLE FLOW. PRECISE CONTROL. MAXIMUM PERFORMANCE.





# EXPANSION JOINT

FLEXIBILITY - RELIABILITY - PERFORMANCE



## METALLIC EXPANSION JOINT

AP-EJ-3000

- Type : Metallic Bellows
- Material : Stainless Steel 304
- Size : 1" - 24" (DN25 - DN600)
- Pressure : 10 - 40 Bar
- Temperature : -196°C - 550°C
- Movement : Axial, Lateral, Angular
- Connection : Flanged, Weld End
- Application : Steam, Gas, Water, Oil, Chemical Process, Power Plant, HVAC

### KEUNGGULAN



Reduksi Getaran & Kebisingan



Tahan Suhu Tinggi



Kompensasi Perpindahan



Tahan Tekanan Tinggi



Umur Pakai Panjang



### 01 METALLIC BELLOW JOINT AP-EJ-3000



- Material : SS 304 / 316
- Size : 1" - 24"
- Pressure : 10 - 40 Bar
- Temp. : -196°C - 550°C
- Application : Steam, Gas, Oil, Chemical

### 02 RUBBER EXPANSION JOINT AP-EJ-4000



- Material : EPDM / NBR
- Size : 1" - 24"
- Pressure : 10 - 16 Bar
- Temp. : -20°C - 120°C
- Application : Water, HVAC, Pumping System

### 03 FABRIC EXPANSION JOINT AP-EJ-5000



- Material : Fiber Glass
- Size : Custom
- Pressure : -
- Temp. : Up to 1000°C
- Application : Ducting System, Boiler, High Temp.

### 04 TEFLON EXPANSION JOINT AP-EJ-6000



- Material : PTFE
- Size : 1" - 12"
- Pressure : 10 - 16 Bar
- Temp. : -50°C - 200°C
- Application : Chemical, Acid, Corrosive Fluid

### 05 UNIVERSAL EXPANSION JOINT AP-EJ-7000



- Material : SS 304 / 316
- Size : 1" - 24"
- Pressure : 10 - 40 Bar
- Temp. : -196°C - 550°C
- Application : Multidirectional Movement

### 06 ELBOW EXPANSION JOINT AP-EJ-8000



- Material : SS 304 / 316
- Size : 1" - 12"
- Pressure : 10 - 25 Bar
- Temp. : -196°C - 550°C
- Application : Piping System Berbelok

### 07 GIMBAL EXPANSION JOINT AP-EJ-9000



- Material : SS 304 / 316
- Size : 2" - 24"
- Pressure : 10 - 40 Bar
- Temp. : -196°C - 550°C
- Application : High Pressure Piping System

### 08 PRESSURE BALANCED EXPANSION JOINT AP-EJ-10000



- Material : SS 304 / 316
- Size : 2" - 48"
- Pressure : 10 - 40 Bar
- Temp. : -196°C - 550°C
- Application : Long Distance Piping, Power Plant

### 09 SINGLE ARCH EXPANSION JOINT AP-EJ-11000



- Material : SS 304 / 316
- Size : 2" - 36"
- Pressure : 10 - 40 Bar
- Temp. : -196°C - 550°C
- Application : Steam, Gas, Refinery

### 10 DUAL ARCH EXPANSION JOINT AP-EJ-12000



- Material : SS 304 / 316
- Size : 2" - 36"
- Pressure : 10 - 40 Bar
- Temp. : -196°C - 550°C
- Application : Piping System with High Movement

## SOLUSI PERGERAKAN PIPA YANG AMAN & EFISIEN



HIGH  
DURABILITY



CORROSION  
RESISTANT



EASY  
INSTALLATION



CUSTOM SIZE  
AVAILABLE



GLOBAL  
STANDARD





# LUBRICATION SYSTEMS SOLUTIONS

— RELIABLE • EFFICIENT • AUTOMATED —



## AUTOMATIC LUBRICATION PUMP

AP-LS1000

- Type : Electric Driven Pump
- Tank Capacity : 2 Liter
- Rated Pressure : 20 MPa
- Discharge : 100 cc / min
- Voltage : 220V AC / 50-60Hz
- Power : 40 Watt
- Lubricant : Oil (32-680 cSt)
- Control : Digital Controller
- Application : General Machinery, CNC, Conveyor, Press, Textile, Packaging

### 01 AUTOMATIC LUBRICATION PUMP

AP-LS1000



- Tank Capacity : 2 / 4 / 8 L
- Pressure : 20 MPa
- Discharge : 100 cc/min
- Voltage : 220V AC
- Application : General Machinery

### 02 PROGRESSIVE LUBRICATION SYSTEM

AP-LS2000



- Type : Progressive
- Outlets : 6 / 8 / 12
- Pressure : 25 MPa
- Lubricant : Oil / Grease
- Application : Machine Tools

### 03 DUAL LINE LUBRICATION SYSTEM

AP-LS3000



- Type : Dual Line
- Pressure : 30 MPa
- Lubricant : Oil
- Control : Time / Cycle
- Application : Heavy Equipment

### 04 SINGLE LINE LUBRICATION SYSTEM

AP-LS4000



- Type : Single Line
- Pressure : 15 MPa
- Lubricant : Oil
- Outlets : 1 Line
- Application : Small Machines

### 05 AIR OPERATED LUBRICATION PUMP

AP-LS5000



- Drive : Air Operated
- Pressure : 30 MPa
- Ratio : 50:1
- Tank : 2 / 5 / 8 L
- Application : Hazardous Area

### 06 OIL MIST LUBRICATION SYSTEM

AP-LS6000



- Type : Oil Mist
- Pressure : 0.3 - 0.8 MPa
- Flow Rate : 150 - 2000 L/min
- Lubricant : Oil (VG32)
- Application : Spindle, Air Tools

### 07 GREASE LUBRICATION SYSTEM

AP-LS7000



- Lubricant : Grease (NLGI 000-2)
- Pressure : 20 MPa
- Discharge : 150 cc/min
- Tank : 2 / 4 L
- Application : Bearings, Chains

### 08 BLOCK TYPE DISTRIBUTOR

AP-LS8000



- Type : Block Distributor
- Outlets : 6 / 8 / 10
- Pressure : 25 MPa
- Material : Carbon Steel
- Application : Progressive System

### 09 LUBRICATION CONTROLLER

AP-LS9000



- Voltage : 220V AC
- Output : 4 / 8 Channels
- Control : Time / Cycle
- Display : Digital
- Application : All Systems

### 10 LEVEL SWITCH (LOW LEVEL)

AP-LS10000



- Type : Float / Capacitive
- Voltage : 10 - 30V DC
- Output : NPN / PNP
- Mounting : Top / Side
- Application : Oil Tank



HIGH RELIABILITY



PRECISE LUBRICATION



LONG SERVICE LIFE



LOW OIL CONSUMPTION



EASY MAINTENANCE



SAFETY PROTECTION



SMART LUBRICATION FOR MAXIMUM PERFORMANCE

## APPLICATION INDUSTRY



POWER PLANT



STEEL INDUSTRY



CEMENT PLANT



MINING EQUIPMENT



AUTOMOTIVE INDUSTRY



FOOD & BEVERAGE INDUSTRY



PAPER INDUSTRY



TEXTILE INDUSTRY



PACKAGING MACHINE



MARINE INDUSTRY





### AP Rotary Kiln Dryer

**Material:** Aggregates  
**Application:** Cement, Mineral Processing.

AP  
AP-OPS-001



### AP Spray Dryer

**Material:** Liquid/Slurry  
**Application:** Milk Powder, Pharmaceuticals.

AP  
AP-SPO-002



### AP Vacuum Shelf Dryer

**Material:** Heat Sensitive  
**Application:** Specialty Chemicals, Food Powders.

AP  
AP-SPO-002



### AP Belt Conveyor Dryer

**Material:** Continuous Slurry/Paste  
**Application:** Textile Fibers, Ceramics

AP  
AP-SPO-003



### AP Tray Dryer (Cabinet type)

**Material:** Batch Drying  
**Application:** Laboratory, Small-scale production.

AP  
AP-SPO-002



### AP Flash Dryer

**Material:** Wet powders  
**Application:** Starch, Slurry processing

AP  
AP-SPO-002



### AP Desiccant Wheel Dehumidifier

**Function:** Air Dehumidification  
**Application:** Climate control, Dry room storage

AP  
AP-OPS-002



### AP Steam Tube Dryer

**Heating Media:** Steam  
**Application:** High-capacity bulk materials.

AP  
AP-OPS-001



### AP Steam Tube Dryer

**Heating Media:** Steam  
**Application:** High-capacity bulk materials.

AP  
AP-OPS-002



### AP Tunnel Dryer

**Material:** Large components  
**Application:** Automotive parts drying, Ceramics.

AP  
AP-OPS-002



### AP Paddle Dryer

**Material:** Sludge/Paste  
**Application:** Waste treatment, Chemical sludge.

AP  
AP-TMO-002





### Magnetic Drum Separator

AP-MDS-10



Application: Mining  
Ore processing, material recovery



### Eddy Current Separator

AP-ECS-05



Model: AP-ECS-05  
Application: Recycling  
Non-ferrous metal sorting, scrap metal recycling.



### Cross Belt Magnet

AP-CBM-02

AP-CBM-02



Model: AP-CBM-02  
Application: Food & Beverage  
Product purity and metal removal from bulk lines.



### AP Hump Magnet Separator

AP-HMS-4



Model: AP-HMS-4  
Application: Chemical Processing  
Removal of scale and fine tramp iron



### AP Magnetic Pulley (Head Pulley)

AP-MPP-12



Model: AP-MPP-12  
Application: Construction Materials  
Aggregates and cement material stream purification



### AP Plate Magnet (Deep Reach)

AP-DPM-6



Model: AP-DPM-6  
Application: Plastics Industry  
Pellet and regrind material purification



### AP Grate Magnet (Housing Mount)

AP-GGM-8



Model: AP-GGM-8  
Application: Pharmaceutical  
High-purity product stream protection



### Lift Magnet (Permanent)

AP-PLM-200



Model: AP-PLM-200  
Application: Logistics  
Steel plate and block lifting



### Electro-Magnet Lift

AP-ELM-500

AP-ELM-500



Model: AP-ELM-500  
Application: Foundry  
Scrap and billet handling.



### Hump Magnet Separator

AP-HMS-4



Model: AP-HMS-4  
Application: Chemical Industry  
Removal of scale and fine tramp iron



### AP Mag-Base Drilling Stand

AP-MBD-3



Model: AP-MBD-3  
Application: Metalworking  
Precision drilling on ferrous surfaces





### Heavy-Duty Cast Iron Braid

**Material:** For high-pressure hydraulic lines  
**Application:** (Large heavy-duty)



### Interlocked Stainless Steel

**Material:** For steam and high-temp transfer  
**Application:** More flexible



### Multilayer Stainless Steel

**Material:** For chemical and corrosive liquids  
**Application:**



### Expanded Stainless Steel

**Material:** For exhaust and gas  
**Application:** Corrustrud



### AP-SS-T1

**Teflon Cores in SS Braid**  
For purity in food processing



### AP-SS-E1

**Expanded Stainless Steel**  
For exhaust and gas systems



**AP-RU-G1**  
**EPDM Rubber for Water/Glycol**  
For cooling systems



**AP-RU-O1**  
**Nitrile Rubber for Oil/Fuel**  
For petroleum transfer



**AP-RU-C1**  
**PVC/Rubber Compound for Air/Pneumatic**  
For tools and automated lines



**AP-RU-M1**  
**Silicone Rubber for Extreme Temp**  
For oven and autoclave systems



**AP-RU-W1**  
**Wired Rubber for Suction/Discharge**  
For slurry and waste management





## Flexible Screw Conveyor

Flexible Type  
Continuous movement of  
powders/granules  
Application: Bulk bag unloading



PART NO: AP-FLEX-50

## Shaftless Screw Conveyor

Shaftless Type  
Handles sticky and sludgy materials  
Application: Wastewater treatment sludge



PART NO: AP-SFTLESS-75

## U-Trough Screw Conveyor

U-Trough  
General-purpose bulk handling  
Application: Sand and aggregate



PART NO: AP-TRCUBH-60

## Vertical Screw Conveyor

Vertical Elevator  
Compact high-lift vertical  
transport  
Application: Grain silo filling



PART NO: AP-VERT-LIFT

## Multiple Screw Conveyor

Multi-Screw  
Precise dosing of multiple ingredients  
Application: Food batching lines



PART NO: AP-MULTI-SATCH



## Sanitary Design Screw Conveyor

Sanitary Type  
USDA/FDA compliant for food/pharma  
Powdered sugar feeding



PART NO: AP-SANITARY

## Slurry Screw Conveyor

Slurry Conveyor  
Moving high-moisture/slurry mixtures  
Mine tailings transfer



PART NO: AP-SLURRY-HO

## Screw Conveyor with Heating/Cooling Jacket

Jacket Type  
Integrated heating or cooling during transport  
Plastic resin drying



PART NO: AP-JACKET

## Metering Screw Conveyor

Metering Feeder  
High-precision gravimetric feeding  
Additive dosing



PART NO: AP-METER

## Inclined Screw Conveyor

Inclined Type  
Moving materials to elevated platforms  
Packing line hopper filling



PART NO: AP-INCLINE





**AP**  
**AP-EWRH-10-H**  
Electric wire rope, 10-ton capacity.  
App: Steel fabrication.



**AP**  
**AP-ECH-05-L**  
Electric chain, 5-ton capacity.  
App: General assembly line.



**AP**  
**AP-ACH-02-X**  
Pneumatic powered, 2-ton capacity.  
App: Cleanrooms or explosion-proof areas.



**AP**  
**AP-ACH-02-X**  
Pneumatic (Air) Chain Hoist  
Pneumatic powered, 2-ton capacity.  
App: Cleanrooms or explosion-proof areas.



**AP-GP-03-P**  
**Gantry Hoist Crane (Portable)**  
Portable A-frame with ECH.  
App: Workshop material handling.



**AP**  
**AP-MCB-01-M**  
Manual chain, 1-ton.  
App: Maintenance and installation  
in remote areas.



**AP**  
**AP-LH-015-L**  
Lever Hoist (Come-Along)  
Lever puller, 1.5-ton.  
App: Dragging heavy components,  
maintenance.



**AP**  
**AP-BWH-20-B**  
Base-Mounted Winch Hoist  
Base mounted, heavy winching.  
App: Moving large machines, ship  
building.



**AP**  
**AP-FC-005-E**  
Floor Crane (Engine Hoist type)  
Self-propelled, small crane with hoist.  
App: Workshop component replacement.



**AP**  
**AP-MH-C-05**  
Monorail Hoist Sewered track  
Self-propelled, small crane with hoist.  
App: Complex assembly line paths.



**AP**  
**AP-MH-C-05**  
(Curved Track)  
Powered hoist on curved track.  
App: Complex assembly line paths.



**AP**  
**AP-LHH-15-H**  
Low Headroom Hoist (Wire Rope)  
Special low profile, 15-ton.  
App: Restricted overhead space  
factory floors.





**Pneumatic Gripper** **AP**  
PARALLEL GRIPPER



**Material:** Aluminum alloy, steel  
**App:** Precision pick-and-place, assembly.  
**Part No:** AP-PG-G1

**Compact Cylinder** **AP**  
SHORT-STROKE CYLINDER



**Material:** Light alloy, magnetic piston  
**App:** Clamping, space-constrained pushing.  
**Part No:** AP-CC-S1

**Rodless Cylinder** **AP**  
MECHANICALLY JOINTED



**Material:** Polymer body, aluminum guides  
**App:** Long-stroke material transfer, automation.  
**Part No:** AP-RL-C1

**Vacuum Ejector** **AP**  
COMPACT VACUUM GENERATOR



**Material:** Polymer, integrated filters  
**App:** Carton handling, sheet metal lifting.  
**Part No:** AP-VE-V1

**Rotary Actuator** **AP**  
RACK AND PINION



**Material:** Die-cast metal  
**App:** Flap control, robotic arm joint actuation.  
**Part No:** AP-RA-R1

**Vacuum Ejector** **AP**  
COMPACT VACUUM GENERATOR



**Material:** Polymer, integrated filters.  
**App:** Carton handling, sheet metal lifting.  
**Part No:** AP-VE-V1

**F-R-L Unit**  
MODULAR AIR PREP



**Material:** Filter, Regulator, Lubricator  
**App:** Air supply conditioning, clean air distribution.  
**Part No:** AP-FRL-A1



**Solenoid Valve Manifold** **AP**  
VALVE BLOCK SYSTEM



**Material:** Multi-station manifold, fieldbus ready.  
**App:** Complex automation sequence control.  
**Part No:** AP-VM-B1

**Pneumatic Press** **AP**  
BENCHTOP PNEUMATIC PRESS



**Material:** Heavy cast iron frame.  
**App:** Light stamping, riveting, assembly operations.  
**Part No:** AP-8P-M1

**Tubing and Fittings** **AP**  
HIGH-QUALITY AIR LINES



**Material:** Polyurethane tubing, push-in connectors.  
**App:** Reliable air distribution to all components.  
**Part No:** AP-TF-C1

**Pneumatic Clamping Unit**  
INTEGRATED TOGGLE CLAMP



**Material:** Steel jaws, integrated sensor.  
**App:** Secure fixture clamping in machining or welding.  
**Part No:** AP-TC-U1





**AP Magnetic Base Drill**  
Model: AP-MBD-32  
Application: Precise on-site steel drilling.



**AP**  
PART NO: AP-IW-1000

**AP Industrial Impact Wrench**  
Model: AP-IW-1000  
Application: Heavy equipment assembly.



**AP**  
PART NO: AP-HPB-60

**AP Hydraulic Pipe Bender**  
Model: AP-HPB-60  
Application: Forming steel pipes.



**AP Cordless Saw**  
Model: AP-C85-48  
Application: Rapid metal stock cutting.



**AP**  
PART NO: AP-C85-4

**AP Cordless Band Saw**  
Model: AP-C85-4  
Application: Rapid metal stock cutting.



**AP**  
PART NO: AP-EMS-18

**AP Electric Metal Shear**  
Model: AP-EMS-18  
Application: Cutting sheet metal.



**AP**  
PART NO: AP-PCH-12

**AP Pneumatic Chipping Hammer**  
Model: AP-PCH-12  
Application: Material removal in foundry.



**AP**  
PART NO: AP-IGT-C

**AP Industrial Gas Torches**  
Model: AP-IGT-C  
Application: Metal heating and cutting.



**AP**  
PART NO: AP-IGT-C

**AP Bench Grinder (Heavy Duty)**  
Model: AP-BG-10  
Application: Tool sharpening and deburring.



PART NO: AP-BG-10

**AP Bench Grinder (Heavy Duty)**  
Model: AP-BG-10  
Application: Tool sharpening and deburring.



**AP**  
PART NO: AP-PC-40

**AP Plasma Cutter (Portable)**  
Model: AP-PC-40  
Application: Precision metal profile cutting.



**AP**  
PART NO: AP-DTW-500

**AP Digital Torque Wrench (Large)**  
Model: AP-DTW-500  
Application: High-accuracy fastening.





# DUST COLLECTOR PARTS & SOLUTIONS

— RELIABLE — EFFICIENT — DURABLE —

## ID FAN / BLOWER

**AP-IFB-5200**

- Type : Centrifugal ID Fan
- Air Flow : 5.200 – 52.000 CMH
- Static Pressure : 1.000 – 4.000 Pa
- Power : 5.5 – 75 kW
- Material : Carbon Steel
- Drive : Direct / V-Belt
- Application : Dust Collector System,  
Boiler, Cement Plant,  
Power Plant, Steel Industry

### 01 SOLENOID VALVE AP-SV-353A



- Size : 1" – 1½"
- Voltage : 24V DC / 220V AC
- Pressure : 1.5 – 8 Bar
- Connection : Threaded
- Application : Pulse Jet Cleaning

### 02 PULSE JET VALVE AP-PJV-25



- Size : 1" – 2"
- Pressure : 1.5 – 8 Bar
- Diaphragm : NBR / FKM
- Body : Die Cast Aluminum
- Application : Pulse Jet System

### 03 BAG FILTER AP-BF-PE550



- Material : Polyester Needle Felt
- Diameter : 130 – 165 mm
- Length : 2.000 – 6.000 mm
- Filtration : 1 – 10 Micron
- Application : Dust Filtration

### 04 CAGE (BAG FRAME) AP-CG-133X2500



- Material : Carbon Steel
- Diameter : 133 – 165 mm
- Length : 2.000 – 6.000 mm
- Surface : Galvanized / Coated
- Application : Support Bag Filter

### 05 VENTURI AP-VT-100



- Diameter : 4" – 10"
- Material : Carbon Steel
- Pressure : Max. 10 Bar
- Connection : Flanged
- Application : Air Flow Booster

### 06 ROTARY AIR LOCK AP-RAL-250



- Size : 8" – 14"
- Material : Cast Iron
- Pressure : Max. 1.5 Bar
- Temperature : Max. 80°C
- Application : Dust Discharge

### 07 DIAPHRAGM KIT AP-DK-25



- Size : 1" – 2"
- Material : NBR / FKM
- Pressure : 1.5 – 8 Bar
- Application : Pulse Jet Valve  
Maintenance

### 08 TIMER CONTROLLER AP-TC-08D



- Voltage : 24V DC / 220V AC
- Output : 8 Channel
- Mode : Sequential Pulse
- Application : Cleaning Control

### 09 PRESSURE GAUGE AP-PG-100



- Size : 2.5" – 4"
- Range : 0 – 10 Bar
- Connection : Bottom / Back
- Application : System Monitoring

### 10 DUST COLLECTOR ACCESS DOOR AP-AD-300



- Size : 300 x 400 mm
- Material : Carbon Steel
- Seal : High Temp Gasket
- Application : Inspection Door

## APLIKASI INDUSTRI



Semen  
Pabrik



Pembangkit  
Listrik



Industri Baja  
& Metal



Industri  
Kimia



Pabrik  
Kayu



Food & Feed  
Industry



HIGH  
EFFICIENCY



LONG  
LIFETIME



EASY  
INSTALLATION



LOW  
MAINTENANCE

**TOTAL SOLUSI UNTUK SISTEM  
DUST COLLECTION ANDA**





# BELT BUCKET ELEVATOR

HIGH PERFORMANCE MATERIAL HANDLING SOLUTIONS

HIGH CAPACITY • HIGH EFFICIENCY • LOW MAINTENANCE • LONG SERVICE LIFE



## PART NUMBER

### AP-BBE-500H-30M

|              |                               |
|--------------|-------------------------------|
| TYPE         | : BELT BUCKET ELEVATOR        |
| MODEL        | : AP-BBE-500H-30M             |
| BUCKET WIDTH | : 500 mm                      |
| LIFT HEIGHT  | : 30 Meter                    |
| CAPACITY     | : 120 - 150 m <sup>3</sup> /h |
| BELT SPEED   | : 1.6 - 2.0 m/s               |
| BUCKET TYPE  | : STEEL / HDPE / SS           |
| MATERIAL     | : CARBON STEEL                |
| POWER        | : 11 - 30 kW                  |
| VOLTAGE      | : 380V / 50Hz / 3PH           |
| APPLICATION  | : BULK MATERIAL HANDLING      |
| ORIGIN       | : MADE IN INDONESIA           |



HIGH CAPACITY



ENERGY EFFICIENT



LOW MAINTENANCE



DUST TIGHT DESIGN



LONG SERVICE LIFE

#### 1 STANDARD BELT BUCKET ELEVATOR



##### AP-BBE-400-20M

- CAPACITY: 60 - 80 m<sup>3</sup>/h
- HEIGHT: 20 m
- BUCKET: STEEL

APPLICATION:



GRAIN HANDLING

#### 2 HEAVY DUTY BELT BUCKET ELEVATOR



##### AP-BBE-650-35M

- CAPACITY: 150 - 200 m<sup>3</sup>/h
- HEIGHT: 35 m
- BUCKET: HD STEEL

APPLICATION:



CEMENT PLANT

#### 3 HIGH CAPACITY BELT BUCKET ELEVATOR



##### AP-BBE-800-40M

- CAPACITY: 250 - 350 m<sup>3</sup>/h
- HEIGHT: 40 m
- BUCKET: HD STEEL

APPLICATION:



MINING INDUSTRY

#### 4 FOOD GRADE BELT BUCKET ELEVATOR



##### AP-BBE-300-15M-FG

- CAPACITY: 30 - 50 m<sup>3</sup>/h
- HEIGHT: 15 m
- BUCKET: FOOD GRADE

APPLICATION:



FOOD INDUSTRY

#### 5 CHEMICAL RESISTANT BELT BUCKET ELEVATOR



##### AP-BBE-500-25M-CR

- CAPACITY: 80 - 120 m<sup>3</sup>/h
- HEIGHT: 25 m
- BUCKET: PP / PVC

APPLICATION:



CHEMICAL PLANT

#### 6 HEAT RESISTANT BELT BUCKET ELEVATOR



##### AP-BBE-500-30M-HR

- CAPACITY: 100 - 150 m<sup>3</sup>/h
- HEIGHT: 30 m
- BUCKET: HEAT RESISTANT

APPLICATION:



POWER PLANT

#### 7 ANTI STATIC BELT BUCKET ELEVATOR



##### AP-BBE-400-20M-AS

- CAPACITY: 60 - 90 m<sup>3</sup>/h
- HEIGHT: 20 m
- BUCKET: ANTI STATIC

APPLICATION:



PLASTIC INDUSTRY

#### 8 MODULAR BELT BUCKET ELEVATOR



##### AP-BBE-450-20M-MD

- CAPACITY: 70 - 100 m<sup>3</sup>/h
- HEIGHT: 20 m
- BUCKET: STEEL / HDPE

APPLICATION:



AGRICULTURE

#### 9 SIDE DISCHARGE BELT BUCKET ELEVATOR



##### AP-BBE-500-25M-SD

- CAPACITY: 100 - 130 m<sup>3</sup>/h
- HEIGHT: 25 m
- BUCKET: STEEL

APPLICATION:



BUILDING MATERIAL

#### 10 CUSTOM BELT BUCKET ELEVATOR



##### AP-BBE-CUSTOM

- CUSTOM CAPACITY
- CUSTOM HEIGHT
- CUSTOM SPECIFICATION

APPLICATION:



VARIOUS INDUSTRY



**DURABLE CONSTRUCTION**  
Heavy Duty Design



**HIGH EFFICIENCY**  
Optimal Performance



**SAFE OPERATION**  
Reliable & Secure



**EASY MAINTENANCE**  
Low Downtime



**CUSTOMIZABLE**  
For All Industries

RELIABLE POWER. SMOOTH PERFORMANCE. MAXIMUM PRODUCTIVITY.





# CONVEYOR PARTS — & ACCESSORIES —

## APPLICATION IN FACTORIES

Our high-quality conveyor parts and accessories are designed to improve the efficiency, reliability, and safety of your production lines in various industrial applications.



### AP-BC-1400

## BELT CONVEYOR

- Heavy-duty steel structure
- Adjustable speed drive
- High load capacity
- Suitable for various industries

### APPLICATION :



PACKAGING



AUTOMOTIVE



FOOD  
PROCESSING



LOGISTICS

### AP-RR-108

## CARRYING ROLLER

- Precision steel bearing
- Smooth rotation
- High load capacity
- Long service life



### APPLICATION :



MINING



CEMENT



WAREHOUSE

### AP-ID-159

## IMPACT IDLER

- Impact absorption
- Reduce material spillage
- Extends belt life
- Heavy-duty rubber



### APPLICATION :



QUARRY



PORT



POWER PLANT

### AP-PU-205

## POLYURETHANE WHEEL

- High wear resistance
- Smooth & silent operation
- Chemical resistant
- High load capacity



### APPLICATION :



FOOD



BEVERAGE



PHARMA

### AP-BS-301

## BELT CLEANER

- Effective cleaning
- Prevent material buildup
- Extend belt life
- Easy installation



### APPLICATION :



MINING



AGGREGATE



RECYCLING

### AP-JC-402

## BELT JOINING CLAMP

- Strong & reliable joint
- Easy to install
- Minimize downtime
- High tensile strength



### APPLICATION :



CEMENT



STEEL



COAL PLANT

### AP-MS-506

## MOTOR & GEARBOX

- High efficiency
- Stable performance
- Low noise
- Energy saving



### APPLICATION :



MANUFACTURING



LOGISTICS



MINING

### AP-BT-602

## BELT TRACKING ROLLER

- Maintain belt alignment
- Reduce belt wear
- Adjustable position
- Heavy-duty design



### APPLICATION :



MINING



PORT



RECYCLING

### AP-SS-703

## SUPPORT STRUCTURE

- Heavy-duty steel
- Corrosion resistant
- Customizable design
- Easy installation



### APPLICATION :



CONVEYING



INDUSTRY



INFRASTRUCTURE

### AP-GD-804

## BELT GUIDE

- Prevent belt deviation
- Protect conveyor belt
- Adjustable design
- Durable material



### APPLICATION :



MINING



AGGREGATE



CEMENT

### AP-SF-905

## SAFETY SWITCH

- Ensure operator safety
- Instant shut-off
- Rugged & reliable
- Easy to install



### APPLICATION :



F&B



AUTOMOTIVE



CHEMICAL



### HIGH QUALITY MATERIALS

Built for durability and long-lasting performance



### RELIABLE PERFORMANCE

Designed to minimize downtime and maintenance



### WIDE INDUSTRY APPLICATION

Suitable for multiple industries and environments

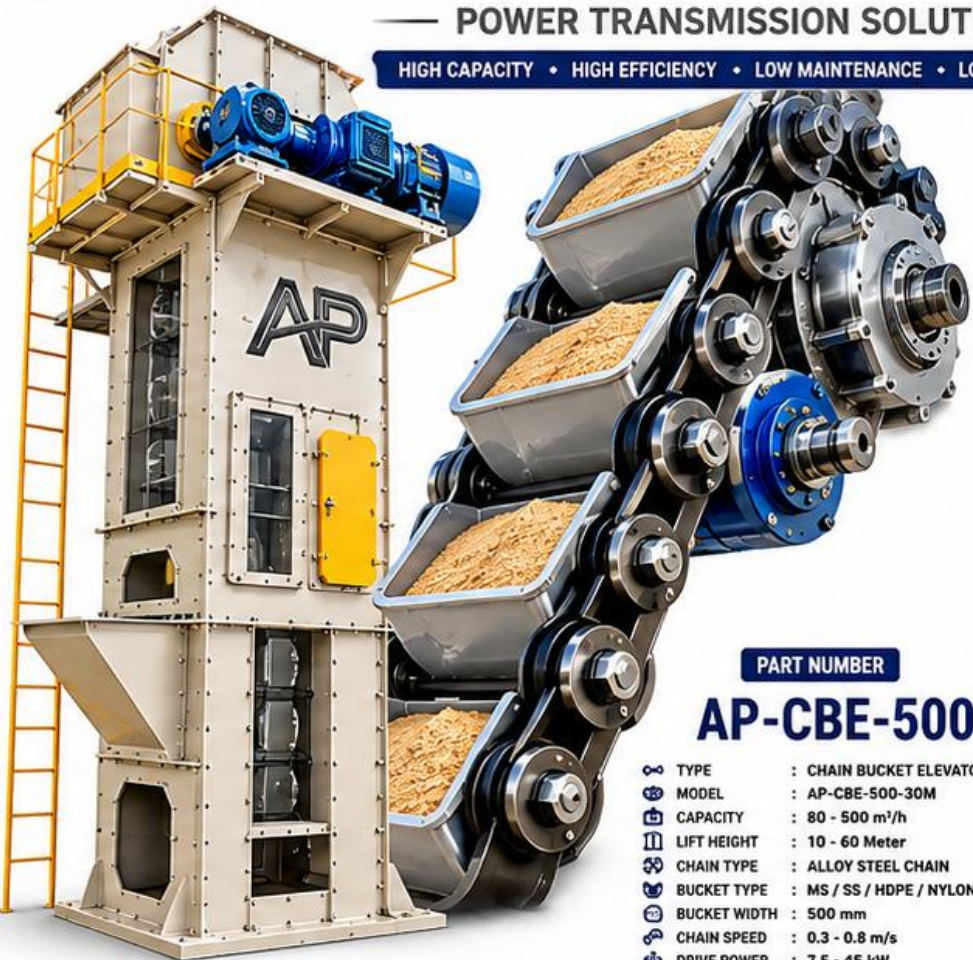




# CHAIN BUCKET ELEVATOR

## POWER TRANSMISSION SOLUTIONS

HIGH CAPACITY • HIGH EFFICIENCY • LOW MAINTENANCE • LONG SERVICE LIFE



HEAVY DUTY CHAIN



STRONG BUCKET



HIGH STRENGTH SPROCKET

PART NUMBER

### AP-CBE-500-30M

|              |                              |
|--------------|------------------------------|
| TYPE         | : CHAIN BUCKET ELEVATOR      |
| MODEL        | : AP-CBE-500-30M             |
| CAPACITY     | : 80 - 500 m <sup>3</sup> /h |
| LIFT HEIGHT  | : 10 - 60 Meter              |
| CHAIN TYPE   | : ALLOY STEEL CHAIN          |
| BUCKET TYPE  | : MS / SS / HDPE / NYLON     |
| BUCKET WIDTH | : 500 mm                     |
| CHAIN SPEED  | : 0.3 - 0.8 m/s              |
| DRIVE POWER  | : 7.5 - 45 kW                |
| VOLTAGE      | : 380V / 50Hz / 3PH          |
| MATERIAL     | : CARBON STEEL / SS304       |
| APPLICATION  | : BULK MATERIAL HANDLING     |



HIGH CAPACITY



HIGH EFFICIENCY



LOW MAINTENANCE



LONG SERVICE LIFE



ROBUST CONSTRUCTION



HIGH EFFICIENCY



STRONG CHAIN SYSTEM



HEAVY DUTY BUCKET



PRECISE SPROCKET



EASY MAINTENANCE



### 1 STANDARD CHAIN BUCKET ELEVATOR



AP-CBE-500-30M-ST

APPLICATION :



GRAIN FLOURS SEED FEED

### 2 HEAVY DUTY CHAIN BUCKET ELEVATOR



AP-CBE-650-40M-HD

APPLICATION :



CEMENT CLINKER MINERAL ORE

### 3 FOOD GRADE CHAIN BUCKET ELEVATOR



AP-CBE-400-25M-FG

APPLICATION :



SUGAR RICE FLOUR FOOD

### 4 CHEMICAL RESISTANT CHAIN BUCKET ELEVATOR



AP-CBE-500-30M-CR

APPLICATION :



CHEMICAL FERTILIZER PLASTIC SALT

### 5 HIGH TEMPERATURE CHAIN BUCKET ELEVATOR



AP-CBE-500-30M-HT

APPLICATION :



HOT ASH CLINKER SINTER STEEL

### 6 LOW NOISE CHAIN BUCKET ELEVATOR



AP-CBE-450-30M-LN

APPLICATION :



OIL SEED NUTS POWDER PELLET

### 7 DEEP BUCKET CHAIN BUCKET ELEVATOR



AP-CBE-600-50M-DB

APPLICATION :



COAL STONE SAND GRAVEL

### 8 TWIN CHAIN BUCKET ELEVATOR



AP-CBE-700-60M-TC

APPLICATION :



GRAIN FERTILIZER ORE MINERAL

### 9 DISCHARGE TYPE CHAIN BUCKET ELEVATOR



AP-CBE-500-30M-SD

APPLICATION :



CEMENT COAL GYPSUM LIME

### 10 CUSTOM DESIGN CHAIN BUCKET ELEVATOR



AP-CBE-CUSTOM

APPLICATION :



VARIOUS BULK PROJECT INDUSTRIAL

### WIDE APPLICATION



CEMENT PLANT



POWER PLANT



STEEL PLANT



GRAIN & FEED MILL



MINING INDUSTRY



CHEMICAL PLANT



FOOD PROCESSING



FERTILIZER PLANT

RELIABLE POWER. SMOOTH PERFORMANCE. MAXIMUM PRODUCTIVITY.





# CONVEYOR BELT

— POWER TRANSMISSION SOLUTIONS —

HIGH PERFORMANCE • HIGH EFFICIENCY • MAXIMUM RELIABILITY



PART NUMBER

## AP-CB-1000-10M

|                 |                          |
|-----------------|--------------------------|
| TYPE            | : CONVEYOR BELT          |
| MODEL           | : AP-CB-1000-10M         |
| BELT WIDTH      | : 1000 mm                |
| BELT LENGTH     | : 10 Meter               |
| BELT THICKNESS  | : 8 mm                   |
| FRAME MATERIAL  | : CARBON STEEL           |
| ROLLER TYPE     | : CARRYING ROLLER        |
| ROLLER MATERIAL | : STEEL / HDPE           |
| DRIVE POWER     | : 7.5 kW / 380V / 3PH    |
| BELT SPEED      | : 1.0 - 2.5 m/s          |
| CAPACITY        | : 50 - 300 TPH           |
| APPLICATION     | : BULK MATERIAL HANDLING |
| ORIGIN          | : MADE IN INDONESIA      |



HIGH CAPACITY



LONG SERVICE LIFE



LOW MAINTENANCE



ENERGY EFFICIENT



SMOOTH OPERATION

### 1 STANDARD BELT CONVEYOR



AP-CB-ST-650

- CAPACITY: 50 - 150 TPH
- BELT WIDTH: 650 - 2000 mm
- BELT SPEED: 1.0 - 2.0 m/s

APPLICATION:



GENERAL INDUSTRY

### 2 TROUGH BELT CONVEYOR



AP-CB-TR-800

- CAPACITY: 100 - 400 TPH
- BELT WIDTH: 800 - 2000 mm
- BELT SPEED: 1.0 - 2.5 m/s

APPLICATION:



MINING INDUSTRY

### 3 INCLINED BELT CONVEYOR



AP-CB-IN-650

- CAPACITY: 50 - 200 TPH
- BELT WIDTH: 650 - 1200 mm
- BELT SPEED: 1.0 - 2.0 m/s

APPLICATION:



AGGREGATE PLANT

### 4 CHEVRON BELT CONVEYOR



AP-CB-CH-800

- CAPACITY: 80 - 250 TPH
- BELT WIDTH: 800 - 1600 mm
- BELT SPEED: 1.0 - 2.0 m/s

APPLICATION:



INCLINED MATERIAL

### 5 HEAT RESISTANT BELT CONVEYOR



AP-CB-HT-800

- CAPACITY: 60 - 200 TPH
- BELT WIDTH: 800 - 1600 mm
- BELT SPEED: 1.0 - 2.0 m/s

APPLICATION:



CEMENT PLANT

### 6 FOOD GRADE BELT CONVEYOR



AP-CB-FG-600

- CAPACITY: 20 - 80 TPH
- BELT WIDTH: 600 - 1200 mm
- BELT SPEED: 0.5 - 1.5 m/s

APPLICATION:



FOOD INDUSTRY

### 7 MODULAR BELT CONVEYOR



AP-CB-MD-600

- CAPACITY: 20 - 150 TPH
- BELT WIDTH: 600 - 2400 mm
- BELT SPEED: 0.5 - 2.0 m/s

APPLICATION:



PACKAGING INDUSTRY

### 8 PIPE CONVEYOR



AP-CB-PP-500

- CAPACITY: 50 - 300 TPH
- BELT WIDTH: 500 - 1400 mm
- BELT SPEED: 1.0 - 2.5 m/s

APPLICATION:



PORT & SHIP LOADING

### 9 TELESCOPIC CONVEYOR



AP-CB-TL-500

- CAPACITY: 30 - 120 TPH
- BELT WIDTH: 500 - 1000 mm
- BELT SPEED: 0.5 - 1.5 m/s

APPLICATION:



WAREHOUSE & LOGISTICS

### 10 MOBILE CONVEYOR



AP-CB-MB-500

- CAPACITY: 30 - 150 TPH
- BELT WIDTH: 500 - 1000 mm
- BELT SPEED: 0.5 - 1.5 m/s

APPLICATION:



CONSTRUCTION SITE



ROBUST CONSTRUCTION  
Heavy Duty Design



HIGH EFFICIENCY  
Optimal Performance



SAFE OPERATION  
Reliable & Secure



EASY MAINTENANCE  
Low Downtime



CUSTOMIZABLE  
For All Industries

RELIABLE POWER. SMOOTH PERFORMANCE. MAXIMUM PRODUCTIVITY.





# TABLE TOP CHAIN — & COMPONENTS —

## APPLICATION IN FACTORIES

Our high-quality table top chains and components are designed to provide smooth, reliable, and efficient material handling for a wide range of industrial applications.



FOOD & BEVERAGE



PACKAGING



PHARMACEUTICAL



AUTOMOTIVE



## AP-TTC-880-K325

### TABLE TOP CHAIN

- High wear resistance
- Smooth surface for product safety
- Low friction and noise
- Corrosion & chemical resistant
- Easy installation and maintenance

#### APPLICATION :



CONVEYING



PACKAGING



BOTTLING



ASSEMBLY LINE

## AP-TTC-880-K325

### STRAIGHT RUN CHAIN

- Flat top surface
- Smooth product transfer
- Wear resistant
- Food grade material



#### APPLICATION :



FOOD



BEVERAGE



PACKAGING

## AP-TTC-880-M325

### FLUSH GRID CHAIN

- Open surface design
- Excellent airflow & drainage
- Easy to clean
- Light weight



#### APPLICATION :



COOLING



WASHING



DRYING

## AP-TTC-880-R325

### RUBBER TOP CHAIN

- Rubber surface for grip
- Reduce product slip
- Shock absorption
- Low noise operation



#### APPLICATION :



INCLINE



PACKAGING



BOX HANDLING

## AP-TTC-880-F325

### SIDE FLEXING CHAIN

- Flexible for side transfer
- Smooth corner handling
- Reduce product stress
- Stable performance



#### APPLICATION :



CURVE



TRANSFER



SORTING

## AP-SPR-880-21T

### DRIVE SPROCKET

- Precise tooth profile
- High strength material
- Wear resistant
- Secure driving



#### APPLICATION :



DRIVE UNIT



CONVEYOR



INDUSTRY

## AP-IDL-880-30T

### IDLER SPROCKET

- Smooth chain guidance
- Reduce wear
- Durable construction
- Long service life



#### APPLICATION :



CONVEYOR



RETURN



TENSION

## AP-GD-880

### GUIDE RAIL

- Wear resistant UHMW-PE
- Low friction
- Noise reduction
- Easy installation



#### APPLICATION :



CHAIN GUIDE



SIDE GUIDE



SUPPORT

## AP-BR-880

### BACKFLEX RADIUS

- Support chain backflex
- Reduce stress on chain
- Extend chain life
- Easy assembly



#### APPLICATION :



CURVE



BACKFLEX



SUPPORT

## AP-CN-880

### CONNECTING LINK

- Quick and easy assembly
- Strong locking system
- Reliable connection
- Maintenance friendly



#### APPLICATION :



ASSEMBLY



REPAIR



EXTENSION

## AP-ST-880

### STAINLESS STEEL PIN

- High corrosion resistance
- Strong and durable
- Precision machined
- Long service life



#### APPLICATION :



FOOD GRADE



CHEMICAL



OUTDOOR



**FOOD GRADE MATERIAL**  
Safe for food & beverage industry



**HIGH PERFORMANCE**  
Reliable in high speed & heavy duty



**LOW MAINTENANCE**  
Easy installation & cost effective



**WIDE APPLICATION**  
Suitable for various industries



# ELECTRICAL PARTS



## Contactors & Starters (AC & DC)

High-power contact switching.

App: Control large motors and heaters.

AP-MC-ST-02



AP

## Variable Frequency Drive (VFD)

Precise speed control for motors.

App: Conveyor belts, pumps, fans.

AP-VFD-101



AP

## Power Circuit Breakers (Molded Case)

High-current overload protection.

App: Main factory power distribution.

AP-MCCB-500



AP

## Human Machine Interface (HMI) Panels

Interactive touchscreen operator control.

App: Production line monitoring and data logging.

AP-HMI-700



AP

## Safety Interlocks & Relay Modules

Emergency stop and safety-critical control.

App: Interlock machine doors and zones.

AP-SAFE-RLY



AP

## Electrical Enclosures (NEMA rated)

Rugged, sealed cabinets for controls.

App: Housing delicate electronics in harsh environments.

AP-ENC-LGR



AP

## Cable Management Systems (Trays & Ladders)

Organized, protected cable routing.

App: Large-scale plant wiring.

AP-CT-200



AP

## Transformer Modules (Step-Down/Step-Up)

Precise voltage level conversion.

App: Supplying control voltage for smaller parts.

AP-TR-500



AP

## Power Distributing Blocks (Multi-Port)

Modular power distribution to components.

App: Splitting main power into sub-circuits.

AP-PDB-101



AP



PT AUGNER POWERINDO





## LINEAR VAPOR-TIGHT AP



Material: Glass reinforced,  
Polycarbonate diffuser  
App: Chemical plants, wet areas.  
Part No: AP-VT-002

## EXPLOSION-PROOF AP



Part No: AP-XP-003

## TRACK SPOTLIGHT AP



Part No: AP-TS-004

## INDUSTRIAL LED AP



Material: Extruded aluminum  
App: Precision assembly lines, work benches.  
Part No: AP-TS-004

## EMERGENCY EXIT AP



Material: Injection-molded ABS  
App: Mandatory path lighting, all factory buildings.  
Part No: AP-EX-005

## HAZARDOUS BATTEN AP



**HAZARDOUS BATTEN**  
Material: GRP body, protected cover  
App: Spray booth, dust areas.  
Part No: AP-HAZ-006

## FLOOD LIGHT AP



## SMART HIGH BAY

Material: Smart sensors, network ready.  
App: High-ceiling warehouses,  
logistic centers.  
PART NO: AP-SHB-008



## PORTABLE WORK LIGHT



## PORTABLE WORK LIGHT

Material: Rubber-reinforced, stand.  
App: Temporary task lighting,  
maintenance.  
PART NO: AP-PWL-009



## CLEAN ROOM PANEL AP



## CLEAN ROOM PANEL LED

Material: Smooth anti-bacterial frame.  
App: Pharmaceutical production,  
food processing.  
PART NO: AP-C9-010



## WALL PACK AP



PT AUGNER POWERINDO



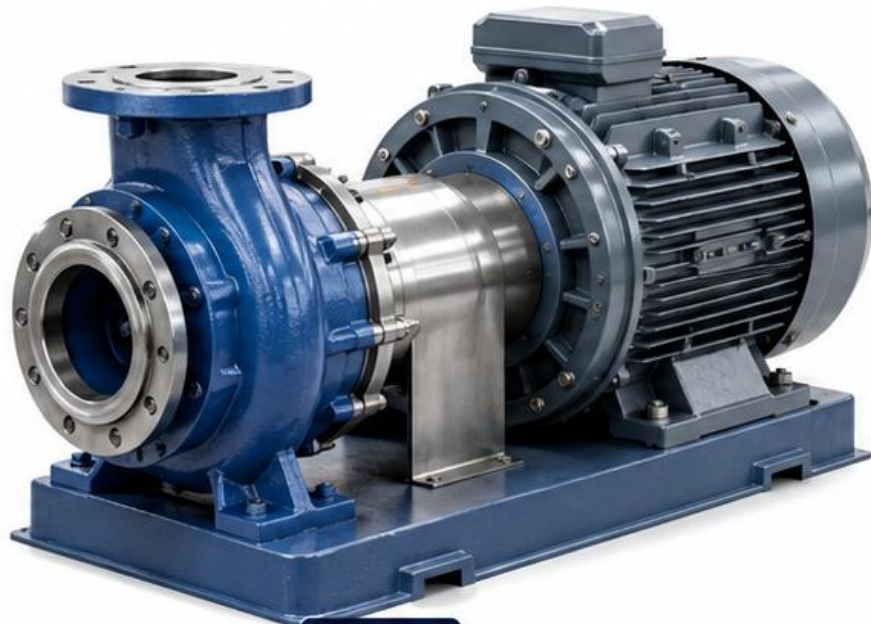


PT AUGNER POWERINDO

# INDUSTRIAL PUMPS

RELIABLE PERFORMANCE • EFFICIENT • BUILT FOR INDUSTRY

## OUR PUMP RANGE



PRODUCT ICON

## AP-CP-100-250 INDUSTRIAL CENTRIFUGAL PUMP

PART NUMBER

**AP-CP-100-250-SS316**



HIGH  
EFFICIENCY



HEAVY  
DUTY



CORROSION  
RESISTANT



LOW  
MAINTENANCE



ENERGY  
SAVING

### PUMP FEATURES

- ✓ High efficiency & reliable operation
- ✓ Rugged construction for long life
- ✓ Corrosion & wear resistant materials
- ✓ Easy installation & maintenance
- ✓ Wide range of industrial applications

### MATERIAL OPTIONS

CAST IRON

SS 304

SS 316

BRONZE

PP

PVDF



WATER  
TREATMENT



CHEMICAL  
INDUSTRY



OIL & GAS  
INDUSTRY



FOOD & BEVERAGE  
INDUSTRY



PHARMACEUTICAL  
INDUSTRY



POWER PLANTS

### INDUSTRIAL APPLICATIONS

### CERTIFICATIONS



ISO  
9001:2015



#### 1. AP-CP-100-250



Type : Centrifugal Pump  
Flow Rate : 50 – 300 m<sup>3</sup>/h  
Head : 20 – 80 m  
Power : 5.5 – 75 kW  
Material : Cast Iron / SS 316  
Application : Water supply, HVAC, general industrial process

#### 2. AP-CP-150-315



Type : Centrifugal Pump  
Flow Rate : 100 – 600 m<sup>3</sup>/h  
Head : 30 – 100 m  
Power : 11 – 110 kW  
Material : Cast Iron / SS 316  
Application : Cooling system, industrial process, irrigation

#### 3. AP-VP-050



Type : Vertical Multistage Pump  
Flow Rate : 1 – 50 m<sup>3</sup>/h  
Head : 20 – 200 m  
Power : 1.1 – 45 kW  
Material : SS 304 / SS 316  
Application : Booster system, RO system, pressure boosting

#### 4. AP-SP-25



Type : Submersible Pump  
Flow Rate : 5 – 120 m<sup>3</sup>/h  
Head : 5 – 60 m  
Power : 0.75 – 15 kW  
Material : Cast Iron / SS 304  
Application : Sewage, drainage, wastewater handling

#### 5. AP-DP-40



Type : Diaphragm Pump  
Flow Rate : 1 – 40 m<sup>3</sup>/h  
Head : 10 – 70 m  
Pressure : 7 bar  
Material : PP / PVDF / Aluminum  
Application : Chemical transfer, dosing, corrosive fluid

#### 6. AP-GM-32



Type : Gear Pump  
Flow Rate : 1 – 60 m<sup>3</sup>/h  
Pressure : 10 – 25 bar  
Power : 0.75 – 15 kW  
Material : Cast Iron / Steel  
Application : Oil transfer, lubrication, fuel handling

#### 7. AP-SC-50



Type : Screw Pump  
Flow Rate : 5 – 150 m<sup>3</sup>/h  
Pressure : 6 – 24 bar  
Power : 1.5 – 22 kW  
Material : Cast Iron / SS 316  
Application : Viscous fluid, sludge, oil, food industry

#### 8. AP-PP-25



Type : Peristaltic Pump  
Flow Rate : 0.1 – 20 m<sup>3</sup>/h  
Pressure : 4 – 8 bar  
Power : 0.37 – 7.5 kW  
Material : Rubber Hose / SS 304  
Application : Chemical dosing, wastewater, pharmaceutical

#### 9. AP-FP-80



Type : Fire Pump  
Flow Rate : 100 – 1500 m<sup>3</sup>/h  
Head : 30 – 120 m  
Power : 15 – 250 kW  
Material : Cast Iron / Bronze  
Application : Fire protection system, industrial & commercial

#### 10. AP-MP-10



Type : Magnetic Drive Pump  
Flow Rate : 1 – 30 m<sup>3</sup>/h  
Head : 10 – 50 m  
Power : 0.75 – 11 kW  
Material : PP / PVDF / SS 316  
Application : Chemical industry, acid transfer, plating





PT AUGNER POWERINDO

# STEEL ALLOYS

HIGH STRENGTH • SUPERIOR QUALITY • BUILT FOR INDUSTRY



PRODUCT ICON

**SA-4140**  
PREMIUM STEEL ALLOY

PART NUMBER

**AP-SA-4140-25MM**



HIGH  
STRENGTH



WEAR  
RESISTANT



HEAT  
TREATABLE



CORROSION  
RESISTANT



PREMIUM  
QUALITY

## PRODUCT ADVANTAGES

- ✓ High mechanical strength
- ✓ Excellent toughness
- ✓ Wear & corrosion resistance
- ✓ Heat treatable
- ✓ Dimensional accuracy
- ✓ Reliable for heavy duty use

## AVAILABLE FORMS



## OUR STEEL ALLOYS RANGE

### 1. SA-4140



UNS / AISI : G41400 / 4140  
Form : Round Bar  
Diameter : 10 – 300 mm  
Length : 1000 / 3000 mm  
Condition : Annealed / QT  
Hardness : 197 – 255 HB  
Application : Gears, shafts, bolts, heavy machinery

### 3. SA-4340



UNS / AISI : G43400 / 4340  
Form : Round Bar  
Diameter : 10 – 300 mm  
Length : 1000 / 3000 mm  
Condition : QT (Quenched & Tempered)  
Hardness : 280 – 331 HB  
Application : Aircraft parts, gears, high strength components

### 5. SA-52100



UNS / AISI : G52100 / 52100  
Form : Round Bar  
Diameter : 10 – 150 mm  
Length : 1000 / 3000 mm  
Condition : Annealed  
Hardness : 200 – 255 HB  
Application : Bearing, rollers, precision components

### 7. SA-316



UNS / AISI : S31600 / 316  
Form : Hollow Bar / Pipe  
Diameter : 20 – 200 mm  
Length : 1000 / 6000 mm  
Condition : 2B / Pickled  
Application : Marine, chemical plants, corrosive environment

### 9. SA-D2



UNS / AISI : T30402 / D2  
Form : Flat Bar / Plate  
Thickness : 10 – 100 mm  
Width : 100 – 600 mm  
Condition : Annealed  
Hardness : 59 – 63 HRC  
Application : Dies, cutting tools, molds, wear plates

### 2. SA-1045



UNS / AISI : G10450 / 1045  
Form : Round Bar  
Diameter : 10 – 300 mm  
Length : 1000 / 3000 mm  
Condition : Hot Rolled  
Hardness : 143 – 179 HB  
Application : Shafts, axles, forging parts

### 4. SA-8620



UNS / AISI : G86200 / 8620  
Form : Hollow Bar  
Diameter : 20 – 200 mm  
Length : 1000 / 3000 mm  
Condition : Carburized  
Hardness : 170 – 217 HB  
Application : Automotive parts, gears, sprockets

### 6. SA-304



UNS / AISI : S30400 / 304  
Form : Plate  
Thickness : 2 – 50 mm  
Width : 1000 / 1500 mm  
Condition : 2B / No.1 Finish  
Application : Food industry, chemical equipment, tanks

### 8. SA-17-4PH



UNS / AISI : S17400 / 17-4PH  
Form : Round Bar  
Diameter : 10 – 150 mm  
Length : 1000 / 3000 mm  
Condition : H900  
Hardness : 38 – 44 HRC  
Application : Aerospace, valves, pumps, high strength parts

### 10. SA-A36



UNS / AISI : K02600 / A36  
Form : Structural Steel  
Thickness : 5 – 100 mm  
Width : 100 – 300 mm  
Condition : Hot Rolled  
Application : Construction, bridges, general structure

## INDUSTRIAL APPLICATIONS



## CERTIFICATIONS







# INDUSTRIAL COMPRESSORS

RELIABLE • EFFICIENT • BUILT FOR INDUSTRY

PT AUGNER POWERINDO



PRODUCT ICON

## AP-IC-30HP INDUSTRIAL COMPRESSOR

PART NUMBER

AP-IC-30HP-500L



HIGH  
PERFORMANCE



ENERGY  
EFFICIENT



DURABLE  
CONSTRUCTION



LOW  
NOISE



EASY  
MAINTENANCE

## OUR PRODUCT RANGE

### AP-IC-10HP



- Power : 10 HP / 7.5 kW
- Pressure : 8 - 10 Bar
- Capacity : 1.1 m<sup>3</sup>/min
- Tank Volume : 500 L
- Noise Level : 68 dB(A)
- Weight : 280 kg
- Dimension : 1300 x 600 x 1100 mm

#### APPLICATION

- General manufacturing
- Automotive workshop
- Small scale industry

### AP-IC-20HP



- Power : 20 HP / 15 kW
- Pressure : 8 - 10 Bar
- Capacity : 2.2 m<sup>3</sup>/min
- Tank Volume : 500 L
- Noise Level : 70 dB(A)
- Weight : 450 kg
- Dimension : 1600 x 700 x 1300 mm

#### APPLICATION

- Medium scale industry
- CNC & machining
- Packaging industry

### AP-IC-30HP



- Power : 30 HP / 22 kW
- Pressure : 8 - 10 Bar
- Capacity : 3.6 m<sup>3</sup>/min
- Tank Volume : 500 L
- Noise Level : 72 dB(A)
- Weight : 600 kg
- Dimension : 1800 x 800 x 1400 mm

#### APPLICATION

- Manufacturing plant
- Textile industry
- Food & beverage

### AP-IC-50HP



- Power : 50 HP / 37 kW
- Pressure : 8 - 10 Bar
- Capacity : 6.2 m<sup>3</sup>/min
- Tank Volume : 750 L
- Noise Level : 74 dB(A)
- Weight : 850 kg
- Dimension : 2000 x 900 x 1500 mm

#### APPLICATION

- Heavy duty industry
- Die casting
- Glass manufacturing

### AP-IC-75HP



- Power : 75 HP / 55 kW
- Pressure : 8 - 10 Bar
- Capacity : 9.5 m<sup>3</sup>/min
- Tank Volume : 1000 L
- Noise Level : 76 dB(A)
- Weight : 1200 kg
- Dimension : 2300 x 1000 x 1600 mm

#### APPLICATION

- Large scale industry
- Mining & quarry
- Construction

### PRODUCT ADVANTAGES

- ✓ High efficiency & energy saving
- ✓ Stable performance
- ✓ Low maintenance cost
- ✓ Long service life
- ✓ Easy installation
- ✓ Global standard quality

### DRIVE TYPE



BELT  
DRIVEN



DIRECT  
DRIVEN



VFD  
OPTIONAL

### AIR QUALITY



Clean & dry air  
for optimal  
performance

## APPLICATION IN INDUSTRY



### AUTOMOTIVE INDUSTRY

Pneumatic tools, painting, assembly



### TEXTILE INDUSTRY

Air jet loom, spinning, weaving



### FOOD & BEVERAGE

Packaging, filling, bottling



### GENERAL MANUFACTURING

Machine operation, cleaning, control

### CERTIFICATION







PT AUGNER POWERINDO

# POLYPROPYLENE FIBER FOR CONCRETE

STRONGER CONCRETE • BETTER DURABILITY • HIGH PERFORMANCE

## OUR PRODUCT RANGE



PRODUCT ICON

## PPF-50 POLYPROPYLENE FIBER FOR CONCRETE

PART NUMBER

AP-PPF-50-12MM



HIGH  
TENSILE STRENGTH



REDUCE  
CRACKING



IMPROVE  
DURABILITY



CHEMICAL  
RESISTANT



ECO  
FRIENDLY

### PPF-6



Length : 6 mm  
Diameter : 18  $\mu$ m  
Tensile Strength : 450 MPa  
Melting Point : 160°C  
Density : 0.91 g/cm<sup>3</sup>  
Dosage : 0.6 – 1.2 kg/m<sup>3</sup>

#### APPLICATION

• Precast concrete, thin slab, plastering, mortar

### PPF-12



Length : 12 mm  
Diameter : 18  $\mu$ m  
Tensile Strength : 550 MPa  
Melting Point : 160°C  
Density : 0.91 g/cm<sup>3</sup>  
Dosage : 1.0 – 1.8 kg/m<sup>3</sup>

#### APPLICATION

• Floor hardener, topping, screed, precast

### PPF-18



Length : 18 mm  
Diameter : 18  $\mu$ m  
Tensile Strength : 600 MPa  
Melting Point : 160°C  
Density : 0.91 g/cm<sup>3</sup>  
Dosage : 1.5 – 2.5 kg/m<sup>3</sup>

#### APPLICATION

• Industrial floor, concrete pavement, precast

### PPF-24



Length : 24 mm  
Diameter : 18  $\mu$ m  
Tensile Strength : 650 MPa  
Melting Point : 160°C  
Density : 0.91 g/cm<sup>3</sup>  
Dosage : 2.0 – 3.0 kg/m<sup>3</sup>

#### APPLICATION

• Shotcrete, tunnel lining, retaining wall

### PPF-36



Length : 36 mm  
Diameter : 18  $\mu$ m  
Tensile Strength : 700 MPa  
Melting Point : 160°C  
Density : 0.91 g/cm<sup>3</sup>  
Dosage : 2.5 – 4.0 kg/m<sup>3</sup>

#### APPLICATION

• Heavy duty concrete, water tank, bridge deck, industrial structure

## PRODUCT ADVANTAGES

- ✓ Reduce plastic shrinkage cracking
- ✓ Improve impact & abrasion resistance
- ✓ Enhance concrete durability
- ✓ Easy to use & disperse
- ✓ Non-corrosive & chemical resistant
- ✓ Environmentally friendly

## PACKAGING



1 KG



5 KG



20 KG

## STORAGE

Store in dry condition, away from moisture & direct sunlight.

## APPLICATION IN INDUSTRY



Industrial Floor  
Strong & Crack Resistant



Precast Concrete  
High Durability & Quality



Tunnel & Mining  
Enhanced Concrete Strength



Water Tank & Reservoir  
Leakage Resistance

## CERTIFICATION



9001:2015







# INDUSTRIAL INSTRUMENTATION

— PRECISION — RELIABILITY — PERFORMANCE —



## PRESSURE TRANSMITTER

**AP-PT3051**

- Type : Differential Pressure
- Range : -100 kPa to 40 MPa
- Output : 4-20 mA HART
- Accuracy :  $\pm 0.075\%$  FS
- Process Conn. : 1/4" NPT (F)
- Material : SS 316L
- Protection : IP67 / IP68
- Application: Pressure  
Measurement in  
Process Line

### 01 PRESSURE TRANSMITTER

**AP-PT3051**

Mengukur tekanan gas, uap, dan cairan di pipa atau tangki.

Aplikasi:  
Oil & Gas, Chemical Process, Water Treatment



### 02 TEMPERATURE TRANSMITTER

**AP-TT248**

Mengukur temperatur proses dengan akurasi tinggi.

Aplikasi:  
Boiler, Heat Exchanger, Reactor



### 03 MAGNETIC FLOW METER

**AP-MF600**

Mengukur aliran cairan konduktif tanpa hambatan aliran.

Aplikasi:  
Water, Wastewater, Chemical Process



### 04 LEVEL TRANSMITTER

**AP-LT26**

Mengukur level cairan atau padatan di tangki atau silo.

Aplikasi:  
Storage Tank, Silo, Process Vessel



### 05 CONTROL VALVE

**AP-CV2000**

Mengatur aliran, tekanan, dan level secara otomatis.

Aplikasi:  
Process Control, Refinery, Power Plant



### 06 PH/ORP TRANSMITTER

**AP-PH100**

Mengukur pH atau ORP cairan proses secara kontinu.

Aplikasi:  
Water Treatment, Chemical, Food & Beverage



### 07 VIBRATION TRANSMITTER

**AP-VT500**

Mendeteksi getaran mesin untuk monitoring kondisi peralatan.

Aplikasi:  
Rotating Equipment, Predictive Maintenance



### 08 PRESSURE SWITCH

**AP-PS210**

Memberikan sinyal on/off berdasarkan tekanan tertentu.

Aplikasi:  
Pump Protection, Hydraulic System



### 09 ULTRASONIC LEVEL METER

**AP-UL300**

Mengukur level tanpa kontak langsung dengan media.

Aplikasi:  
Tank, Silo, Open Channel, Water Treatment



### 10 DATA LOGGER & INDICATOR

**AP-DL1000**

Mencatat dan menampilkan data proses secara real-time.

Aplikasi:  
Monitoring System, SCADA, Data Recording



HIGH  
ACCURACY



RUGGED  
DESIGN



EASY  
INSTALLATION



WIDE  
APPLICATION

SOLUSI INSTRUMENTASI INDUSTRI ANDAL UNTUK KINERJA MAKSIMAL





# PT AUGNER POWERINDO

INDUSTRIAL TOOLS & STEEL ALLOYS SUPPLIER

**PART NUMBER**  
**AP-VS-KT-001**



# VESSEL

MADE IN JAPAN



MADE IN JAPAN

## STEEL ALLOYS & INDUSTRIAL TOOLS

High quality steel alloys and precision tools from VESSEL and KTC Kyoto Tools.  
Designed for industrial performance, durability, and safety in demanding environments.

### STEEL ALLOYS - MATERIAL SOLUTIONS

|                                                                                                                                                                                                                    |                                                                                                                                                                                                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>1. S45C CARBON STEEL</b></p> <p>Standard JIS G 4051<br/>Hardness ~HB 197<br/>Application Shaft, Bolt, Axle</p>              |  <p><b>2. SCM440 ALLOY STEEL</b></p> <p>Standard JIS G 4053<br/>Hardness ~HB 285<br/>Application Gear, Shaft, Machine Part</p>     |
|  <p><b>3. SUS304 STAINLESS STEEL</b></p> <p>Standard JIS G 4303<br/>Hardness ~HRB 90<br/>Application Pipe, Tank, Food Industry</p> |  <p><b>4. SS400 STRUCTURAL STEEL</b></p> <p>Standard JIS G 3101<br/>Hardness ~HRB 76<br/>Application Frame, Bracket, Structure</p> |
|  <p><b>5. ALUMINUM 6061</b></p> <p>Standard JIS H 4000<br/>Hardness ~HRB 60<br/>Application Aerospace, Structure</p>               |  <p><b>6. SKD11 TOOL STEEL</b></p> <p>Standard JIS G 4404<br/>Hardness ~HRC 60<br/>Application Mold, Die, Cutting Tool</p>         |
|  <p><b>7. SUJ2 BEARING STEEL</b></p> <p>Standard JIS G 4805<br/>Hardness ~HRC 61<br/>Application Bearing, Roller, Ball</p>         |  <p><b>8. SNM439 ALLOY STEEL</b></p> <p>Standard JIS G 4053<br/>Hardness ~HRC 32<br/>Application Crankshaft, Gear</p>              |
|  <p><b>9. S50C CARBON STEEL</b></p> <p>Standard JIS G 4051<br/>Hardness ~HB 207<br/>Application Pin, Bolt, Lever</p>             |  <p><b>10. A6063 ALUMINUM ALLOY</b></p> <p>Standard JIS H 4100<br/>Hardness ~HRB 50<br/>Application Window, Frame, Profile</p>   |

### INDUSTRIAL TOOLS - VESSEL & KTC

|                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                               |
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| <p><b>1. VESSEL Impact Screwdriver</b></p>  <ul style="list-style-type: none"> <li>Impact type for stuck screws</li> <li>High durability</li> <li>Japan quality</li> </ul> <p>Part No. : 250001</p> | <p><b>2. VESSEL Power Bit</b></p>  <ul style="list-style-type: none"> <li>High precision</li> <li>Strong torsion</li> <li>Long life</li> </ul> <p>Part No. : BW-5P</p> | <p><b>3. VESSEL Air Nipper</b></p>  <ul style="list-style-type: none"> <li>Pneumatic operation</li> <li>Clean cut</li> <li>Durable</li> </ul> <p>Part No. : GT-NY10R</p> | <p><b>4. VESSEL Screwdriver</b></p>  <ul style="list-style-type: none"> <li>Ergonomic grip</li> <li>Magnetic tip</li> <li>JIS standard</li> </ul> <p>Part No. : 220W-100</p> | <p><b>5. VESSEL Air Driver</b></p>  <ul style="list-style-type: none"> <li>High torque</li> <li>Lightweight</li> <li>Industrial use</li> </ul> <p>Part No. : GT-P4.5XD</p> |
| <p><b>6. KTC Combination Wrench</b></p>  <ul style="list-style-type: none"> <li>Metric size</li> <li>Strong &amp; precise</li> <li>Chrome finish</li> </ul> <p>Part No. : MS2-14</p>                | <p><b>7. KTC Socket Set</b></p>  <ul style="list-style-type: none"> <li>12.7mm drive</li> <li>24 pcs set</li> <li>Durable case</li> </ul> <p>Part No. : TB415X</p>     | <p><b>8. KTC Ratchet Handle</b></p>  <ul style="list-style-type: none"> <li>72 teeth gear</li> <li>Smooth action</li> <li>Durable</li> </ul> <p>Part No. : BR4E</p>      | <p><b>9. KTC Torque Wrench</b></p>  <ul style="list-style-type: none"> <li>Accurate torque</li> <li>Adjustable</li> <li>Click type</li> </ul> <p>Part No. : CMPC3004</p>     | <p><b>10. KTC Tool Chest</b></p>  <ul style="list-style-type: none"> <li>5 drawer</li> <li>Heavy duty</li> <li>Key lock</li> </ul> <p>Part No. : SKX0213</p>               |

### INDUSTRIAL APPLICATIONS



**AUTOMOTIVE**  
Assembly, maintenance, and repair



**MACHINERY**  
Production and machine component



**OIL & GAS**  
Piping, valve, and pressure equipment



**STEEL FABRICATION**  
Structure, cutting, and welding



**POWER PLANT**  
Maintenance and overhaul



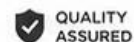
**CONSTRUCTION**  
Steel structure and heavy equipment



**FOOD INDUSTRY**  
Stainless equipment and hygiene system

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- ✓ Industrial Standard Compliance
- ✓ Reliable & Competitive Price
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**QUALITY ASSURED**



**INDUSTRIAL GRADE**



**FAST DELIVERY**



**TECHNICAL SUPPORT**





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# INDUSTRIAL FORKLIFT SOLUTIONS

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**HIGH PERFORMANCE**  
Strong, reliable, and efficient forklift solutions for all industrial needs.



**COMPLETE SOLUTIONS**  
Wide range of forklifts, accessories, and genuine spare parts.



**EXPERT SUPPORT**  
Professional maintenance and after-sales support for maximum uptime.



**SAFETY & RELIABILITY**  
Built with safety features and quality components you can trust.



## 1 DIESEL FORKLIFT



- Heavy Duty Performance
- High Lifting Capacity
- Strong & Durable
- Suitable for Outdoor Operation

APPLICATIONS:



## 2 ELECTRIC FORKLIFT



- Zero Emission
- Low Noise Operation
- Energy Efficient
- Ideal for Indoor Use

APPLICATIONS:



## 3 LPG FORKLIFT



- Fuel Efficient
- Lower Emission
- High Performance
- Easy Maintenance

APPLICATIONS:



## 4 REACH TRUCK



- High Lift Operation
- Narrow Aisle Solution
- Excellent Maneuverability
- Ideal for High Rack

APPLICATIONS:



## 5 PALLET HANDLING



- Hand Pallet Truck
- Electric Pallet Truck
- High Durability
- Easy to Operate

APPLICATIONS:



## 6 FORKLIFT ATTACHMENTS



- Side Shift
- Fork Positioner
- Bale Clamp
- Paper Roll Clamp
- Rotator
- More Attachments

APPLICATIONS:



## 7 BATTERY & CHARGER



- High Performance Battery
- Long Life Cycle
- Fast & Safe Charging
- Low Maintenance

APPLICATIONS:



## 8 FORKLIFT TIRES



- Pneumatic Tire
- Solid Tire
- Cushion Tire
- High Durability
- Various Size Available

APPLICATIONS:



## 9 MAST & HYDRAULIC PARTS



- Lift Cylinder
- Hydraulic Pump
- Control Valve
- Mast Roller
- Seal Kit

APPLICATIONS:



## 10 ENGINE & SPARE PARTS



- Engine Parts
- Filter & Oil
- Brake Parts
- Electrical Parts
- Undercarriage Parts
- More Spare Parts

APPLICATIONS:



## INDUSTRIES WE SERVE



MANUFACTURING



WAREHOUSE & LOGISTICS



CONSTRUCTION



PORT & SHIPPING



FOOD & BEVERAGE



RETAIL & DISTRIBUTION



PAPER & PULP



AUTOMOTIVE



CHEMICAL



MINING



SALES – NEW & USED FORKLIFT



RENTAL SOLUTIONS – SHORT & LONG TERM



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## PUMP



## VALVE



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## INSTRUMENTATION

## CONVEYOR

## ENVIRONMENTAL

## LUB SYSTEM

## MATERIAL HANDLING

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
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# OUR BRAND GROUPS

| EXPANSION JOINT                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | ELECTRICAL PARTS                                                                                                                                                                                                                                                                                                                                                                                                                                    | TABLE TOP CHAIN                                                                                                                                                                                                                                                                                                                                   | PNEUMATIC                                                                                                                                                                                                                       | HOSE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | CRANE HOIST                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
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| <div>LZJOINT® OEM</div> <div>  <b>CHONGYOU</b><br/>           RUBBER &amp; PLASTIC PRODUCTS         </div> <div>  <b>昌宏晟®</b><br/>           CHANGHONGSHENG         </div> <div>  <b>信奇管道</b><br/>           XINQI PIPELINE         </div> | <div>   </div> <div>    </div> | <div>  <b>YA-VA</b> </div> <div>  <b>Caiyang</b> </div> <div>  <b>YIFAN CONVEYOR</b> </div> | <div>  <b>DELCO®</b> </div> <div>  <b>LINGYU凌宇</b> </div> | <div>LZJOINT® OEM</div> <div>  <b>CHONGYOU</b><br/>           RUBBER &amp; PLASTIC PRODUCTS         </div> <div>  <b>昌宏晟®</b><br/>           CHANGHONGSHENG         </div> <div>  <b>信奇管道</b><br/>           XINQI PIPELINE         </div> | <div>  <b>河南矿山</b><br/>           HENANMINE         </div> <div>  <b>Yuantai</b><br/>           CRANE         </div> <div>  <b>FW</b> Finework<br/>           cranes         </div> <div>  <b>NUCLEON®</b> </div> <div>  </div> |



# OUR BRAND GROUPS

| ENG CONCRETE                                                                                                                                                       | ALLOYS STEEL                                                                                                                                                        | COMPRESORS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | DRYER                                                                                                                                                                                                                                                       | FAN                                                                                                                                                                                                                                                         | BEARING                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
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|   |   |       |    |    |       |



# OUR BRAND GROUPS

## FORKLIFT

## HAND TOOLS





# THANK YOU



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*— Achieve success with us through professionalism —*

