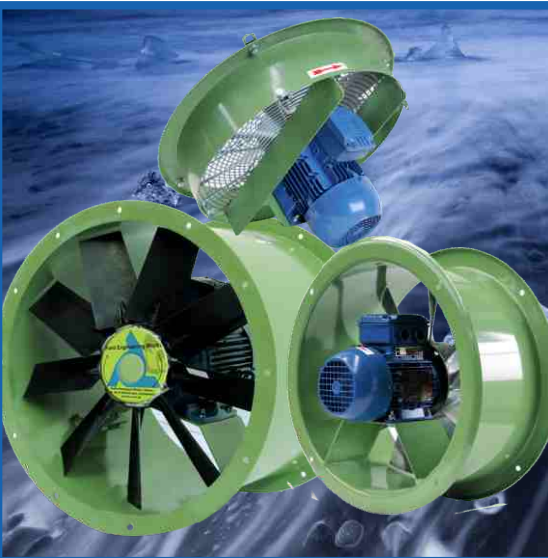




FARID ENGINEERING WORKS

ELECTRICAL SWITCHGEAR & ENGINEERING SERVICES



Our Values. . . .

Quality
Efficiency
Productivity
&
Reliability

Product Catalogue



INTERNATIONAL CERTIFICATIONS

Our Valued Clients

Industrial Sector



Educational Sector



Real Estate Sector



Television Sector



Food & Beverage Sector





Company Profile

Farid Engineering Works – FEW was established in the year 2004 as Electrical and Mechanical Engineering Company. **FEW** equipped with advanced machinery and highly skilled staff to produce best products & services.

Over the years we have completed numerous Commercial and Industrial Projects. Since 2004 **FEW** continuous to strive for providing reliable, efficient & cost effective projects to many local and Multinational Companies on Pakistan basis. We are committed to follow engineering code of practice/standards at the top and client's ultimate satisfaction.

FEW proudly acclaim to provide the best services and can undertake the responsibility to design, execute and manage whole project.

Our commitment with client is also backed up by extensive technical support, after sales services and comprehensive level of stock, for immediate response to customer's requirements.

Vision

To become a market leader in research, development and manufacturing Electrical switchgear, industrial power control systems & Industrial ventilation systems.

Mission

Our Mission to provide high quality, safe and standardized products to our valuable clients and design an efficient and productive environment to our employees and workers.



LOW VOLTAGE SWITCHGEAR

Low voltage switchgear provides centralized control and protection of low voltage power equipments and circuits in industrial, commercial, and utility installations involving generators, motors and feeder circuits. Our expert professionals manufactured these panels utilizing premium quality material and advanced technology & designed with supreme exactness. These panels are widely applicable in the industry for their user-friendly functions.

Features & Benefits

- All types of functional units including ACB's, MCCB's and MCB's or fuse boards.
- Fixed, plug-in or withdraw able devices.
- Devices from all the major manufacturer & authorized dealers.
- Comprehensive range of devices & metering from all the major Manufacturers and Brands.
- Supply Authority CT Chambers integral to the footprint.
- Thermograph viewing facilities.
- Electronic surge protection.
- Double-rated neutral bus bars.
- Integrated protection in all ratings.
- Equipment can incorporate a wide range of intelligent system controls and automation with conventional relay logic control or PLC systems.
- In-house testing with optional full load testing.

AMF, ATS & MOR

Panel

Our range of AMF, ATS & MOR equipment can incorporate a wide range of intelligent system controls with conventional relay logic, proprietary ATS controllers, PLC systems, SCADA, live mimic and BMS systems.

Features & Benefits

- Built as per standards and customer needs.
- Compartmented construction.
- Direct on line, star delta, soft start and variable speed drives can all be incorporated.
- All types of functional units available including ACB's, MCCB's, MCB or fuse boards in draw out, plug-in and fixed formats.
- Components from all leading manufacturers within our standard arrangements.
- Designed up to 630A in all protection classes.





POWER FACTOR IMPROVEMENT Panel

Power Factor Improvement Plants provide a reliable solution for elimination of penalties and cost reduction in electricity bills. Manufactured to be used in the AC power distribution system, these panels increase power while reducing the circuit loss, improving the output of the transformer in order to guarantee an economically oriented motor.

Features & Benefits

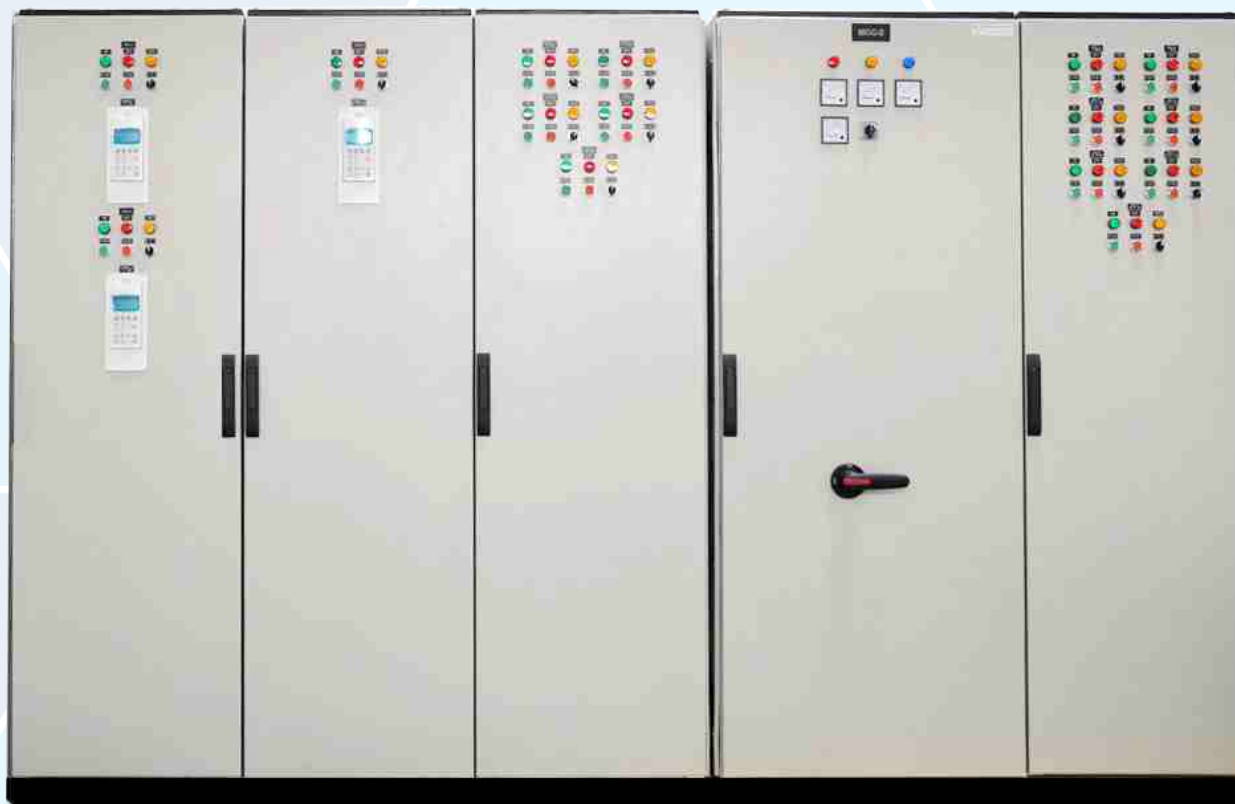
- Robust, modular and compact construction with all Ingress Protection classes.
- Equipped with superior quality devices and all required protections.
- Can be designed with current limiting contactors / Thyristorised based capacitor switching
- Both front and rear accessibility option with top and bottom cable entry.

MOTOR CONTROL CENTER

We design high-tech Motor Control Centre (MCC), which is equipped with advanced motor control features and components that allow efficient energy consumption, optimal motor control, complete protection, excellent power monitoring, and innovative automation interfacing.

Features & Benefits

- Full voltage non-reversing and full voltage reversing starters
- AC variable frequency drives
- PLC I/O chassis
- Solid-state motor controllers
- Lighting panels
- Feeder circuit breakers
- DOL starters, star delta starters and soft star starters are involved.
- PLC control or micro controller are used for automation.



Distribution Boards (DB)

Power & Light



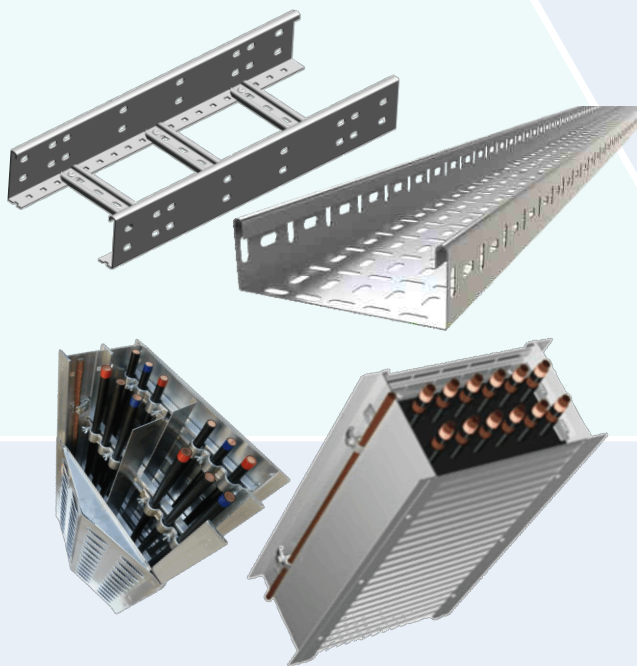
Distribution Boards can be designed for general lighting purposes or sophisticated building systems, depending on complexity, equipment can range from simple distribution boards with single pole/ triple pole circuit breakers to impulse switches and magnetic contactors.

Features & Benefits

- Current ratings from 100 to 630A.
- Front access, top & bottom cable entry and exit.
- IP protection from IP31 to IP65.
- Devices including MCCB's, switch-fuses, MCB's RCBO's fixed, plugin or withdraw able.
- Devices manually or automatically operated and controlled.
- Energy monitoring and metering incorporating management functionality where required.
- Thermal Imaging and monitoring options available.

CABLE TRAYS/ LADDERS

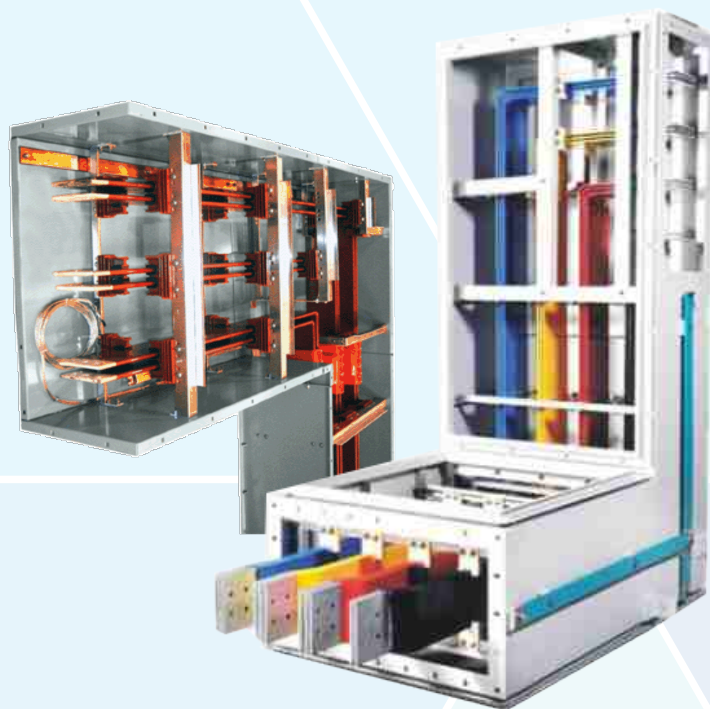
Farid Engineering Works, bring you an international range of cable trays that is available in different varieties as per the client's requirements. These are available in perforated and ladder type made from superior quality MS/GI and SS material. The cable trays/ladders are fabricated in mild steel and also can be provided in pre galvanized steel, hot dip galvanized and painted with approved colour enamel or powder coated as per the requirements.

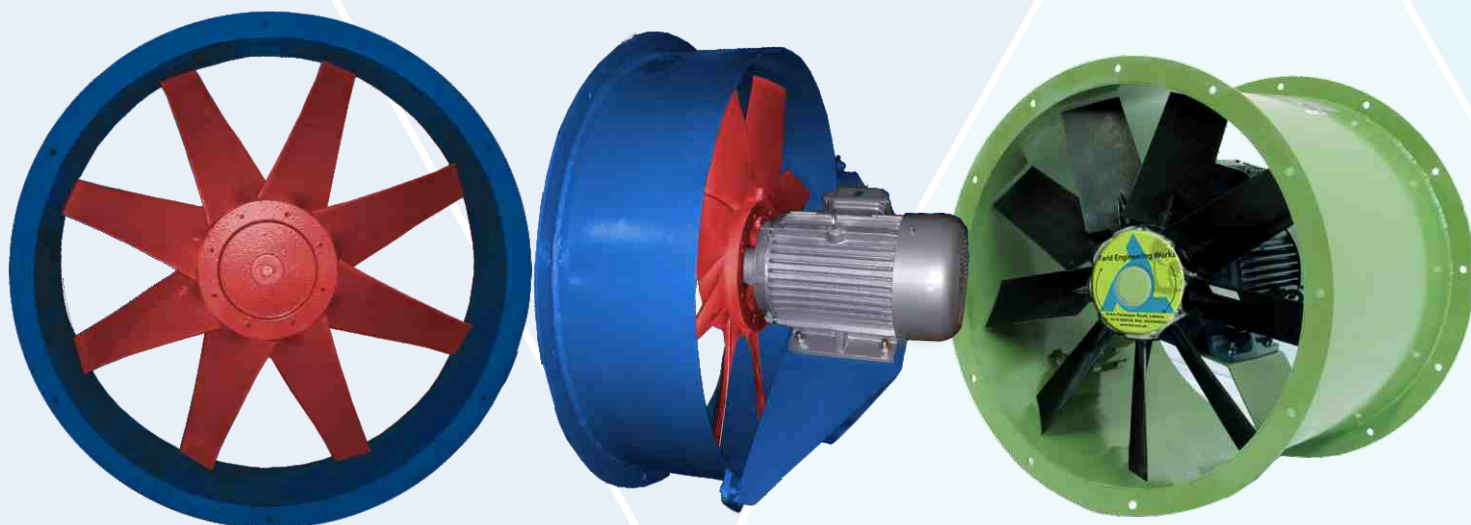


BUS TIE DUCT:

We develop and fabricate made to measure low voltage bus tie duct system in air insulated, non-segregated construction total busbar is tin plated/heat shrink sleeves.

Provision for the bus expansion is furnished as required by configurations and length of each system. Flexible connection are provided at the transformer end to absorb the vibrations. The enclosure is of self ventilating design rating up to 6300Amp.





INDUSTRIAL FANS

Direct Driven

Through the aerodynamic design of **Farid Engineering Works** is offering its high quality and standardized fans with high air volumes with very low power consumption. These fans are equipped with aluminum blades and solid housing frames. Our fans are customized as per customer's requirements.

TECHNICAL SPECIFICATIONS & FEATURES

Blade Dia (mm)	Outer Size (mm)	CFM	Motor Rating (HP)	Phase	Supply Frequency	Max Current (A)	RPM	Noise Level
400	450	3000	0.5	3	50	0.9	1450	60
450	500	4000	0.75	3	50	1.3	1450	60
500	550	5000	1	3	50	1.6	1450	60
600	650	7500	2	3	50	2.6	1450	70
660	740	9000	3	3	50	3.5	1450	75
760	810	13000	5	3	50	5.5	1450	75
800	900	15000	5	3	50	6.5	1450	95
900	1100	17500	5	3	50	6.5	950	90
900	1100	20000	7.5	3	50	9.5	1450	95
1000	1150	25000	10	3	50	12.0	1450	95
1100	1400	40000	15	3	50	19.0	950	95
1200	1400	50000	20	3	50	23.0	950	95

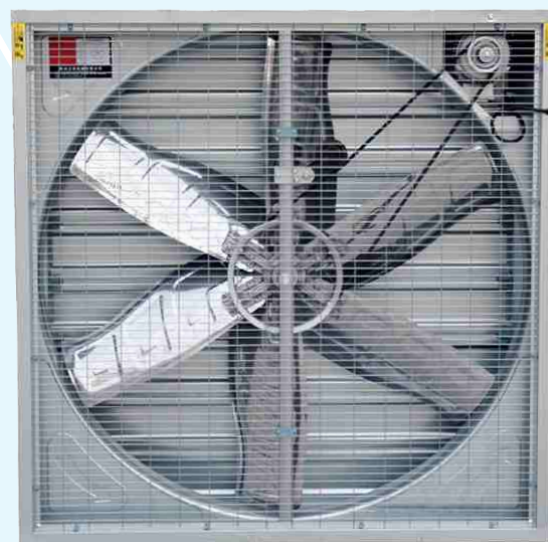
INDUSTRIAL FANS

Belt Driven

Farid Engineering Works is the leading Manufacturer of air exhaust and ventilation equipment that includes fans, dampers, louvers. Our products are used in all types of commercial, institutional, and industrial buildings in applications from comfort ventilation to manufacturing processes.

TECHNICAL SPECIFICATIONS

Fan Size (Blade Dia)	Frame Size	Motor Rating(Hp)	CFM	Phase
36"	39"x39"	0.75	13000	3
48"	54"x54"	1.5	24000	3



TECHNICAL SPECIFICATIONS

Blade Dia	1300 mm
Outer Dia	1380 mm
Air Flow	28000 CFM
Motor Rating	2 HP
Phase	3Ph
Max Current	3.2A
RPM	550
Noise Level	50DBA



**Evaporative
Cooling Pads**

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Quality is The Destination



Our Proudly Business Partners



Location



Web