

A.K. ELECTRICALS & ENGINEERING

— MANUFACTURER ALL TYPES
OF ELECTRICALS PANEL



ELECTRICALS & ENGINEERING

MANUFACTURER OF ELECTRICALS CONTROL PANEL ALL TYPE
WIRE DRAWING MACHINES & SWITCH GEAR PANELS ETC...

Product of Wire Drawing Machine, Electrical VFD Drive Control Panel.

VFD Control Panel OTO Type Wire Drawing Machine 600 mm 6 Blocker



VFD Control Panel OTO Type HC PC Wire Drawing Machine 750 mm 8 Blocker



VFD Control Panel OTO Type Fine Wire Drawing Machine 9 Blocker High Speed



VFD Control Panel OTO Type Fine Wire, Wire Drawing Machine 300 & 400 mm 9 Blocker High Speed



- **NORMAL STOP** IS ATTAINED WITH RAMP DOWN CONTROL WITH IN 15 TO 35 SECONDS. **EMERGENCY STOP /QUICK STOP** IS ATTAINED WITHIN 6 TO 8 SECONDS. THIS CAN BE ACHIEVED WITHOUT A BROKEN WIRE.
- **ELECTRIC CONTROL SYSTEM** PROVIDES A SMOOTH ACCELERATION FROM ZERO TO PRE-SELECTED VALUE.
- **ELECTRONIC AUTO STOP** DURING WIRE BREAKS.
- **CUBICLES** ARE SHEET STEEL ENCLOSURES WITH IP54 PROTECTION ,DULY POWER COATED AND WITH EXHAUST.
- **HMI DISPLAYE** ALL FUNCTION DATA MAKING IT EASIERFOR THE OPERATOR TO TAKE CONTROL OF THE MACHINE DURING PRODUCTION . DISPLAYS AND MEMORIZES THE FAULT FOR EASY DIAGNOSIS. CAN BE INTERFACED WITH REMOTE COMPUTER TO COLLECT ALL INFORMATION.
- **UTMOST CONTROL FLEXIBILITY** ALLOWS ARY DRAFTING PROGRAMME AND DRUM SKIPPING.
- **ALL BLOCK** ARE WORKING WITH A RANGE OF ENCODER FEEDBACK, THERMAL PROTECTION, FLUX VECTOR CONTROLLED.
- **DIGITAL A.C. THREE PHASE VECTOR FLUX INVETER DRIVES** ABB ,SECHENEDAR, SIEMENS SINAEMICS PROVIDE THE SYSTEM WITH FASTEST COMMUNICATION THROUGH PROFIBUS & PROFINET.

Product Of Wire Drawing Machine, Electrical VFD Drive Control Panel.

VFD Control Panel OTO Type Wire Drawing Machine 6 Blocker

VFD Control Panel Wet Wire Drawing Machine

VFD Control Panel OTO Type Fine Wire Drawing Machine 9 Bloker



Operation Control Desk For Wire Drawing Machine

Operation Control Desk For Wet Wire Drawing Machine

Operation Control desk For Fine Wire Drawing Machine



PRODUCT SPECTRUM

- 1 L.T. PANELZ
- 2 MCC PANEL
- 3 APFC PANEL
- 4 HYBRID APFC PANEL
- 5 METER BOARD PANEL
- 4 DISTRIBUTION BOARD
- 5 FEEDER PILLAR/JUNCTION BOX
- 6 PLC PANEL/RELAT PANEL
- 7 VFD DRIVE PANEL
- 8 AMF PANEL

ELECTRICAL CONTRACTOR

WE ALSO UNDERTAKE COMPLETE DESIGN ENGINEERING MANUFACTURING SUPPLY, INSTALLATION TESTING AND COMMISSIONING OF PROJECT OF ANY SIZE AND NATURE ON TURNKEY BASES..

Product Of Wire Drawing Machine, Electrical VFD Drive Control panel.

PLC Panel For Straight line Wire Drawing Machine



VFD Control Panel For Vertical Drop Coiler Drawing Machine



VFD Control Panel



PLC ET Panel



Distributor Panel



Enclosure Panel Box DB



TESTING & INSPECTION

- 1 HIGH VOLTAGE TESTER
- 2 MEGGER
- 3 MULTI - METER
- 4 CLAMPING METER
- 5 MICRON METER
- 6 DIGITAL VERNIER CALIPER
- 7 CURRENT INJECTION KIT
- 8 HOT AIR GUNS

Product of Electrical Control Panel.

Meter Panels Board



3 Phesh Meter Panels Board



Single Phesh Meter Panels Board



Starter Panels



Power Factor Panels



MCC Panels



ATS Panels



Outdoor Fader Pillar Panels



Starter Panels



Power Factor Panels



POWER COATING

- 1 SEVEN TANK FOR SHEET METAL TREATMENT
- 2 POWDER COATING BOOTH
- 3 PAINTING GUNS (GEMA)

ABOUT US

A.K. ELECTRICALS & ENGINEERING is one of the leading manufacturer of custom Built Low Voltage & Medium Voltage panels, Switch gear, Motor Starters & Automation and also executes Turnkey Projects.

The Company was established in the year **2021** to provide electrical installation, catering to various Industries such as:

- 1) Solar Power Plants
- 2) Distilleries & Breweries
- 3) Food Processing Plants
- 4) Sugar Plants
- 5) Power Plants
- 6) Shopping Mall
- 7) Pharmaceuticals Plants
- 8) Moulding Plants
- 9) Printing & Packaging Plants
- 10) Textiles Industries
- 11) Steel Plant Industries
- 12) Corrugated Plants

Our expertise incorporates manufacturing of custom-built LT Panels under the brand name of **A.K. ELECTRICALS & ENGINEERING** with a vision to provide, competent, reliable and timely solutions in the filed of power sector. The customer-oriented company is being managed by professionals with experiences ranging over 20 years within the industry.

Our head office is located at the District Center, Jasola and **A.K. ELECTRICALS & ENGINEERING** also has its own manufacturing plant KH - 112 , Budh Vihar, Ghaziabad (U.P) 201014

A.K. ELECTRICALS & ENGINEERING is committed to providing quality products with reasonable delivery period and reliable services even after the sales and agreements. Our customers reward us by placing orders with consecutive orders,highlighting their faith in us in response to our quality and hassle-free services.

QUALITY POLICY

Our aim is to provide complete customer satisfaction through timely delivery of our products and services and we strive to continuously improve through the feedback provided by our esteemed customers.

VISION

Our vision has always been to provide our customers with quality products and reliable services. Our constant willingness to adapt to latest technology, encourage innovation and product diversification comes from our inherent desire to offer our customers with the best, safe, reliable and cost-effective solutions, without compromising on quality and services.

OBJECTIVE

To provide total customer satisfaction through a team work approach based on honesty and integrity to deliver cost effective and quality products. We strive to constantly improve and acquire the skills and competency that aids us with continuous growth and development. We aim to keep our employees motivated and build mutual co-operation based on trust and ethics and meet our requirements with the appropriate participation of all

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