

NAQSH-E-LASANI Electronics



- VFD (Inverter)
- Electrical Panels / Switchgears
- Elevators / Escalators
- Instruments and Control
- Automation Systems

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Munawar Hussain

Chief Executive

Mission Statement

Our Mission is to work for the wide range of client's in the manufacturing and industrial processes by using our technical knowledge and expertise in the field of Industrial Automation and Control.

Vision Statement

In today's world where goods quality, timely delivery and a competitive price matters a lot, you need to have a manufacturer and supplier who can deliver goods exactly as per your requirements. This is what exactly we do. We are the Manufacturer & Supplier of industrial automation parts. Beside long-established Standing, we are financially sound to supply bulk quantities.



About Company

Naqsh-e-Lasani Electronics specializes in manufacturing, installation/commissioning, software programming, troubleshooting, repairing and maintenance of VFDs (Variable Frequency Drives). We provide innovative technological solution for a wide range of clients in the manufacturing and industrial processes with the support of our team of qualified experts. We are manufacturing our own brand VFDs with rating 0.75kw to 630kw for various general as well as specific industrial applications. Our Famous Products are **NL E5, NL ED200A, NL-E100, NL G5, NL3000, NL V6-M, NL D5-A, NL i580, NL-B5, NL C5.**

Naqsh-e-Lasani Electronics has 23 years of success story. The company has started its work from gross root level in the field of industry automation and becomes the Pakistan's 1st manufacturer of variable frequency drive (VFD) in the year 2016. Moreover the company is high tech enterprise specializing in research, development and manufacturing of industrial AC motor drives. After successful installation of N.E.L Inverters nationwide, the company has started it's export to middle east, Saudi Arabia and other countries.

In order to manage the export and to strengthen the network relationship to our customers the company has opened the branch office in Sharjah, UAE (United Arab Emirates). Furthermore, the company has plan to open a new branch office in Riyadh, Saudi Arabia.



Introduction

Human Capital

Our Team includes more than 70 technical experts who are ready for adequate delivery of services. The staff works in relevant departments including;

- HR Department
- Administration
- Marketing/Sales Team
- Mechanical Lab
- Laser Fiber Cutting
- Assembling Lab
- Repairing Lab
- Services/Installation



Sale of Products

Our own manufactured VFD models are NL E5, NL ED200A, NL-E100, NL G5, NL3000, NL V6-M, NL D5-A, NL i580, NL-B5, NL C5.



NL E5 Series

High Performance Universal Drive

4kw-630kw



Features

- **Control Mode:** V/F control, Sensorless Vector Control (SVC)
- **Overload Capacity:** 60s with 150% of rated current, 10s with 180% of rated current.
- **Speed Adjusting Range:** 1:100 (SVC)
- **Carrier Frequency:** 1 kHz ~15.0 kHz.
- **Frequency Reference Source:** keypad, analog input, HDI, serial communication, multi-stage speed, simple PLC and PID setting. The combination of multi-modes and the switch between different modes can be realized.
- **PID Control Function**
- **Simple PLC, Multi-Steps Speed Control Function:** 16 stages speed can be set.
- **Traverse Control Function**
- **Non-Stop when Instantaneous Power off.**
- **Speed Trace Function:** Smoothly start the running motor.
- **Key:** User defined shortcut key can be realized.
 - Automatic Voltage Regulation Function (AVR):
Automatically keep the output voltage stable when input voltage fluctuating
- **Up to 25 fault protections:** Protect from over current, over voltage, under voltage, over temperature, phase failure, over load etc.

NL ED200A Series

General Purpose Vector Drive

4kw-500kw

Updated Software/Latest Version

Upto
30% Energy Saving

Easy Installation

Multi Functions

Easy Maintenance

User Friendly



Features

NL ED200A series high performance general vector VFD, positioned as a new generation general purpose VFD product using DSP control system and vector V/F control technology, with excellent motor drive performance and various protecting functions, widely used in air compressor, plastic machine, petroleum industry, coal industry, HVAC applications, fan pump and other standard transmission load.

Multi function
and easy to use

Excellent control
performance

Reliable quality
assurance

NL V6-M

Elevator Control Drive

7.5kw-30kw

Features

- Applicable to AC motor and PMSM motor
- Full load direct running.
- High Torque control precision
- Three Optional PG Cards; ABZ Incremental, UVW and rotary encoder
- Overload protection.
- Low speed self rescue.
- Returning to base floor in case of fire/emergency.
- Power failure emergency evacuation.
- Shaft auto-tuning/motor auto-tuning.
- Car energy saving.



NL D5-A

Special Elevator Door Drive

Features

- Closed loop vector control
- Distance Control
- Speed 4 switch Control
- Motor Parameter Auto Tune
- Upload and Download Parameter
- Metal body compact size
- Easy installation
- Multifunction/easy to use
- Updated software latest version



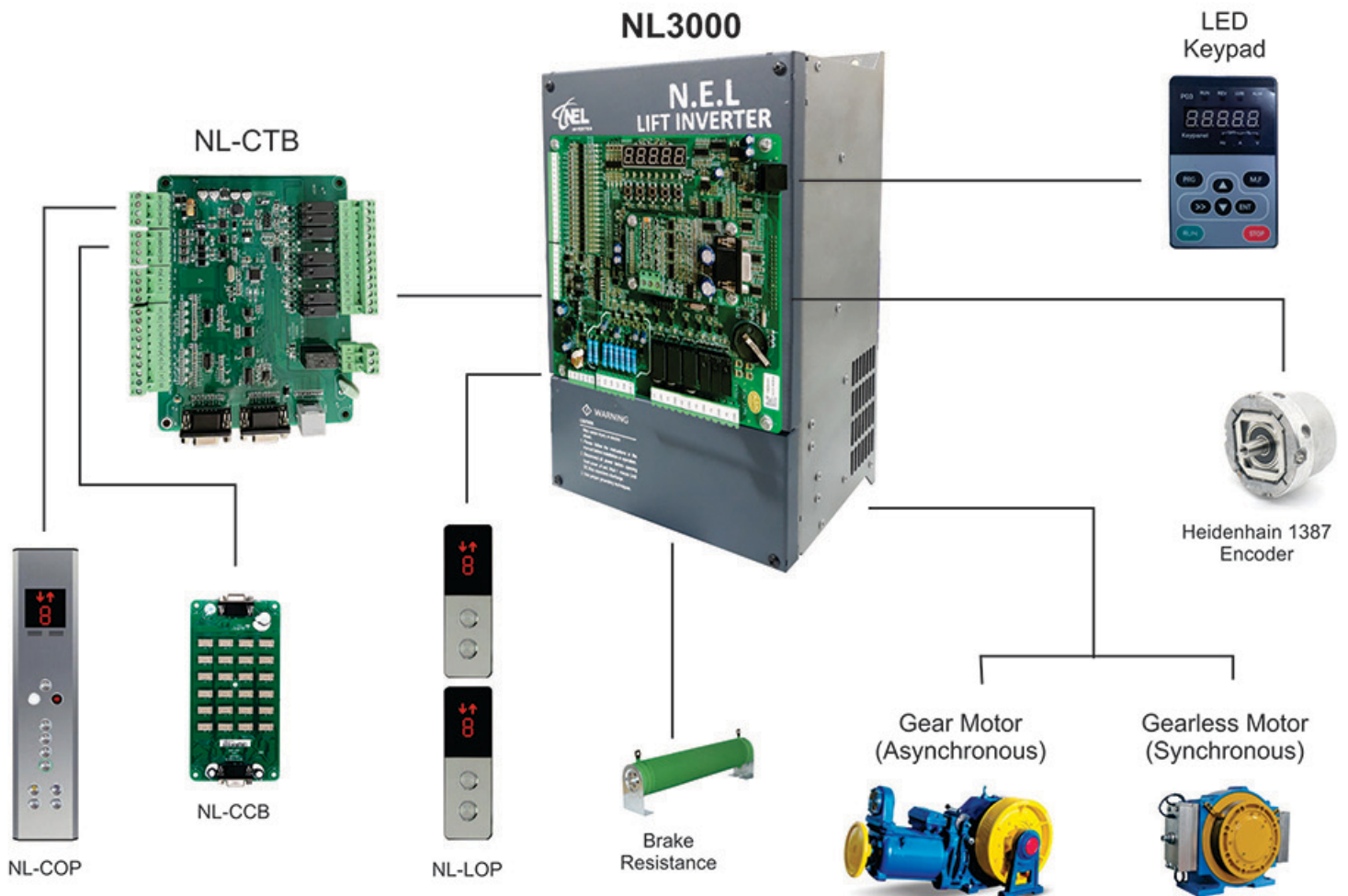
NL3000

Integrated Elevator Controller

7.5kw-30kw

Features

- It supports high-performance vector control and open-loop low speed running.
- It can drive both AC asynchronous motor and permanent magnetic synchronous motor (PMSM), and implement switchover between the two types of motors easily by modifying only one parameter.
- It supports direct parallel control of two elevators and group control of multiple elevators, and supports the CANbus and Modbus communication protocols for remote monitoring, which reduces the required quantity of traveling cables.
- It supports a maximum of 30 floors and is widely applied to elevators used in the apartment building, office buildings, shopping centers, and hospitals.
- It adopts the distance-based direct stop technology, with N curves generated automatically, achieving convenient and comfortable riding.
- It provides multiple commissioning tools, onboard keypad, operation panel, and host computer monitoring software (NEMS), making inspection, commissioning, and maintenance of the elevator



NL-E100

Heavy Duty General Purpose Drive

4kw-15kw

Features

- Comprehensive voltage level and power range
- Easy to use
- Advance MPPT algorithm
- Boost module
- GPRS remote monitoring
- AC/ DC switching scheme
- Multi protection measures



NL B5

Dynamic Braking Unit

30kw-75kw

Features

- Easy to set and install
- Safety in use
- Multiple braking units can be used in parallel.
- Smooth and rapid stop of motor
- Dissipating the regenerative energy of the AC motor
- Dynamic Braking option



NL i580

High Performance Hydraulic Servo Drive

15kw-90kw

Features

- Dedicated servo drive for plastic injection moulding machine
- Built-in multi pump configuration
- Servo drive for PMSM
- Closed loop FVC control
- Startup torque 180% at 0Hz for FVC
- Simplified parameter for easy start up
- Flexible programmable I/Os
- Comprehensive trip diagnostics
- Output frequency 300Hz
- Communication (optional):
 - Modbus-RTU
 - CANlink / CANopen
 - PROFIBUS-DP

Wide operating voltage
Three-Phase 380 to 480 VAC
15kw to 90kw

Operation in high ambient
temperature 50°C
Note: If operating above 40°C derating
is required

Enhanced reliability with
conformal coating, protection
against humidity and dust pollution

Compact size



Sale of Products

Low Voltage Switch-Gear

- Air Circuit Breaker (ACB)
- Molded Case Circuit Breaker (MCCB)
- Miniature Circuit Breaker (MCB)
- Motor Protection Circuit Breaker
- Magnetic Contactors
- Thermal Overload Relays
- Electronic Over Current Relays
- Safety Relays & Glass Relays



Programmable Logic Controller (PLCs)

MITSUBISHI

SIEMENS

OMRON

**Schneider
Electric**

ABB

Allen-Bradley



Human Machine Interface (HMIs)

MITSUBISHI

**Schneider
Electric**

ABB

DELTA

SIEMENS

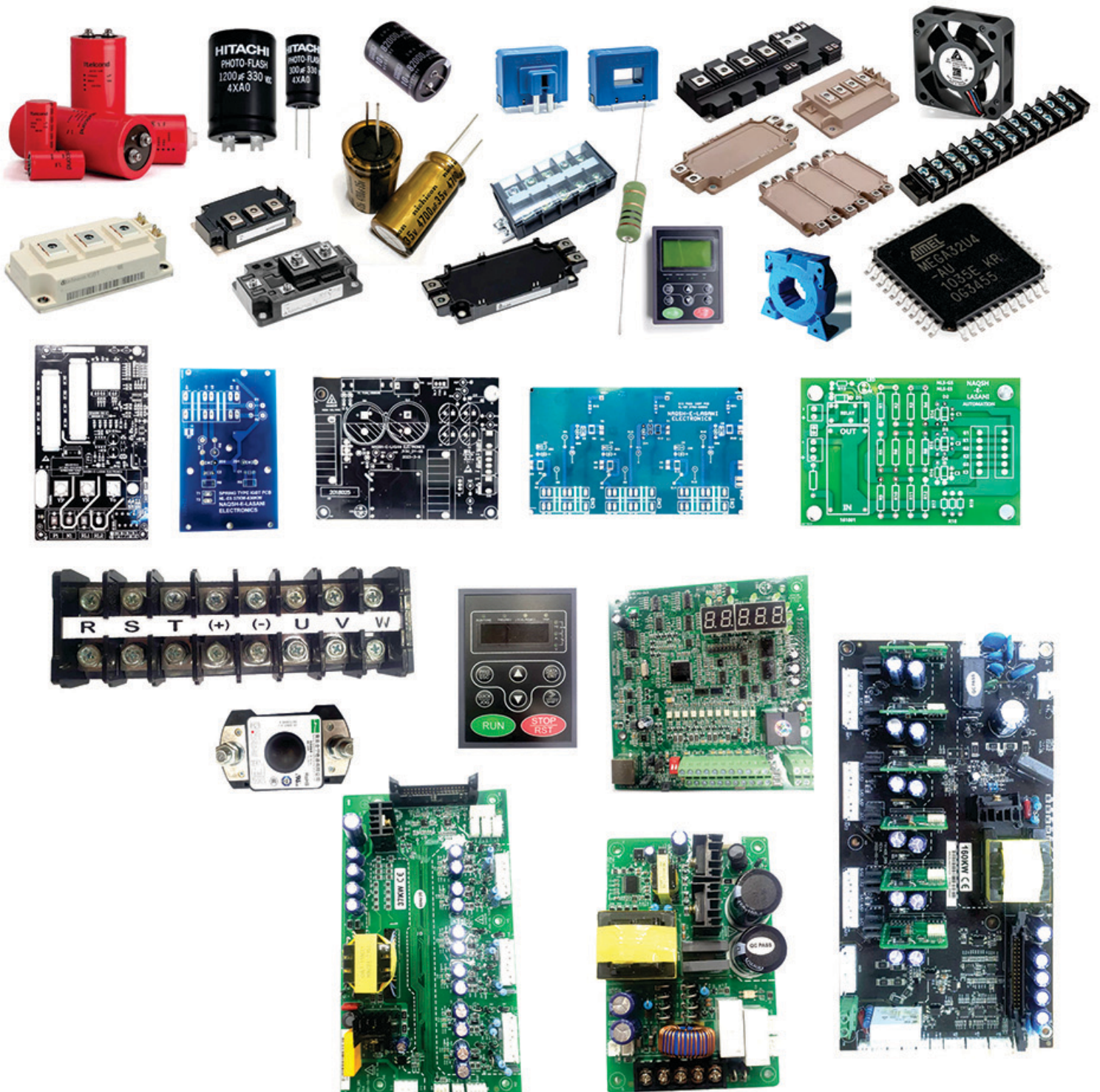
OMRON



Sale of Products

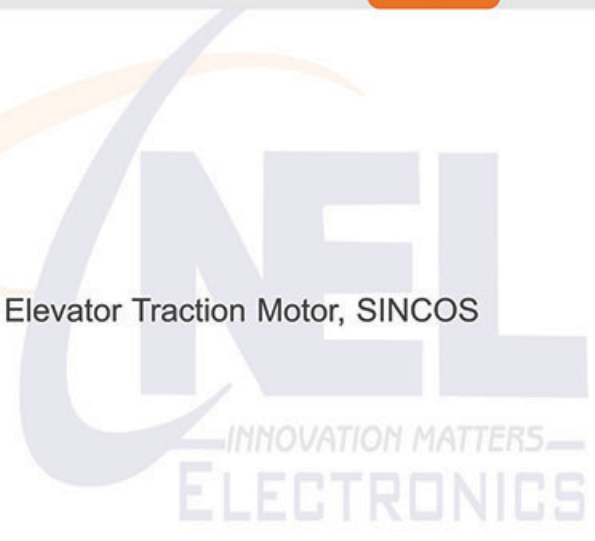
Inverter Parts

CPU Board, Power Board, Drive Board, IGBT Modules, Rectifier Bridge, Thyristor, Capacitors, Current Transformer (CT), Cooling Fan, Terminal Block, Connector Strip, Keypad Display, Resistors etc.



Elevator / Lift Parts

Braking Resistor, Encoder Cables, Lift Door Header, Door Motor, Elevator Traction Motor, SINCOS Encoder Card, Gearless Motor, All Types of Encoder etc.



Major Clients



Packages Limited



ICI PAKISTAN LTD.



ITTEHAD CHEMICALS LIMITED



Nestlé



CABLES (PVT.) LTD.



Bulleh Shah Packaging



Sugar Mills Limited



PREMIER Group of Industries



SAMAD RUBBER WORKS (PVT) LTD.



MADINA Group of Industries



MASTER



Haier Inspired living



COOLPOINT DELIVERING INNOVATION



Star LABORATORIES (PVT) LTD.



ZEENAT TEXTILE INDUSTRY



hotel INDIGO



LUCKY CEMENT



ITTEFAQ GROUP



XINHUA MALL



NAFEES CABLES



Gadoon Textile Mills Limited



speed PACKAGES



Packages Mall



COTTON WEB



FORTRESS



EMPORIUM by Nishat Group

VFD Applications



Plastic Industry



Sugar Mills



Chemical Industry



Textile Sector



Paper & Board



Wood & Particle Board



Cement Industry



Iron & Steel



Printing & Packages



Food & Beverages



Cable Industry



Oil & Gas



Rice Processing Unit



Leather Industry



Glass Industry



Paint Industry



Marble Industry



Flour Mill



Pharmaceutical Industry



Pipe Industry

PEC Registration

Initial Date of Registration in PEC: Nov 30, 2022



Scan QR code to view details.



Serial No. **559470**
PEC-11

PAKISTAN ENGINEERING COUNCIL
Licence No: **80284** Category: **C6** Validity: **30 June, 2024**
LICENCE OF PAKISTANI CONSTRUCTOR/OPERATOR
(Under the bye-laws of Pakistan Engineering Council 1987)

This is to certify that M/s NAQSH-E-LASANI ELECTRONICS (Licencee), with its registered office at 358, ALFAZAL COLONY, DHOBI GHAT STOP, G.T ROAD, WAHGAH TOWN, LAHORE have been licenced under Construction and Operation of Engineering Works Bye-laws 1987, until the validity date to construct/operate engineering works, the construction/capital cost of which does not exceed Rs. 25 (TWENTY FIVE) million provided the licencee fulfils all the qualification requirements prescribed by Client or Employer for a particular engineering work; and subject to the licencee continuing to fulfill all the requirements of the bye-laws.

Field of Specialization **EE02 - EE03 - EE04 - EE06 - EE08 - EE10 - (SIX ONLY)**
(Specialization Code Nos. for detail see overleaf)

Date of Issue: Sep 1, 2023
(Lahore)





Registrar
Pakistan Engineering Council,
Islamabad.

Note:

1. If a firm does not get renewal of its licence within a year after expiry of its licence, the firm may be renewed after payment of outstanding fee if entire defaulting period plus surcharge at the rate of 5% of defaulting fee amount, or as prescribed from time to time.
2. The employer must ensure employment of engineers whose names are mentioned on backside of the licence. The Consulting Engineer (the Engineer Incharge in case the consultant is not appointed) shall monitor the number of engineers employed by the Constructor/Operator and inform the Council accordingly.
3. Owner(s) of the firm shall be held responsible, if any information, document or paper submitted by him/them is found incorrect or forged.

Certificates of Appreciation

NISHAT MILLS LIMITED



Certificate of Appreciation

This Letter is to confirm our complete satisfaction with the complete range of Variable Frequency Drives (VFD) and services we are receiving from M/s. Naqsh-e-Lasani Electronics, 358-G.T Road, Al-Fazal Colony, Daroghaiwala, Lahore.

In all the time we have been doing business, we have found communication and product delivery to be as required and the quality of the products and especially after sale services can be compared favorably with the other vendors in the market of VFD all over the Pakistan.

We are delighted with our relationship and trust, shall be continue with the same arrangement in the future.

Kashif
Name: Kashif Naeem

Designation: Head of Purchase

Company: Nishat Mills Limited

Date: 27th March 2021



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Name: Abdul Lateef

Designation: Manager Purchase

Date: 26-03-2021

Signature:



Certificates of Appreciation





**UAE
Branch Office**



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