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## Nassa Elevators

Nassa is a leading elevator manufacturer and exporter, escalators, car parking lifts and related control devices with more than 32 years of experience and a long list of satisfied customers across the country and abroad. The manufacturing set up of NASSA comprises of state of the art facilities in terms of Research & Development, Production, and Testing and Quality assurance. Each and every installation of NASSA is backed by prompt and onsite maintenance support by qualified and trained engineers.

Apart from new elevator installation, the company also specializes in modernization of existing and old systems by providing consultancy services, technical audit & inspection, repair and replacement of the worn out parts, as well as technology up-gradation.

Nassa Elevators has grown from strength to strength with the help of its in-house facilities and collaborations, to add other products to its stable. All products are launched only after thorough test runs over long periods of time, meeting with the most demanding conditions and situations.

This stringent quality policy of the company along with its state-of-the-art infrastructure has earned them customers' confidence and a competitive edge to secure berths in the final selections. Nassa has received the ISO 9001-2015 certification for design, manufacturing, and quality assurance along with the safety standard as per IS 14665. The company has also received the NSIC CRISIL performance rating- SE1B which points to superior performance and stable financial strength. With a continuous focus on technological advancements and customer satisfaction NASSA is on the fast track of growth and excellence.

NASSA Elevators is a start-up in the field Elevators& Escalators It's a manufacturing company of all Elevators Part like Cabin LOP COP, Microprocessor based Panel Automatic rescue device GB etc. Company designs its own hardware and software for competitive customized product market. It has an aim to cover the renewable energy market in India because India is a great market for Elevators &Escalators Products. Government of India has shown keen interest in Elevators product. NASSA have a target of entire Range of Elevators .And by 2023 the capacity would be raised to 1000 Units and Smart City Execution Plan. Our Target customers are commercial as well as domestic users for both low capacity& High Capacity Product to

## Company Overview

NASSA Elevators is a private Company established in September 1984. Our Production unit is at DASNA Masonries at NHPC road Ghaziabad with total staff of 45 person, a capability of production of 01 CR/month. We are focusing on channel setup in North India, mainly Utter Pradesh Delhi Bihar Uttarakhand Jammu Kashmir. However later we will expand our operation in pan India. Also we are doing OEM manufacturing for companies like ZEEN Lift Components Perfect Industries BS Elevators ZARA Elevators Sags Elevators Sunrise Enterprises etc. Our products are mainly Microprocessor Based Panel Lift Operators power backup LOP COP display and all Elevator backup solutions. Other is Elevator backup solution, which is basically an automatic rescue device, whenever power fails in the lift the passenger stuck inside. In such case our ARD gives backup to the lift and allows it to reach it to the nearest floor. It is required for the lift to be installed by several agencies. It is an innovative product. We don't see any competition in this. We also have a full-fledged service department (NASSA Aligarh) we have a trained and experienced personnel capable of giving satisfactory after sales service further. We keep a reasonable good stock of spare part which will be of considerable assistance to us in rendering prompt service to our lift. When required we are mentioning all these facts, as we are sure you will appreciate the importance of prompt after sales service to electro mechanical Product like Lift& Escalators



## OUR SPECIALIZATION

### ELEVATOR (LIFT)

We at NASSA Elevators are proud to cater to the mobility needs of various industries like hospitals, pharmaceuticals, restaurants, residency, small elevator etc. Our elevators are engineered for energy efficiency, comfortable ride quality, easy controls, and Cost-effective well as innovative and flexible designs.

### ESCALATOR

Nassa manufactures Escalators and Auto walks used both indoors and outdoors applications. Every Escalator and auto walk is equipped with the latest technologies enabling high power savings, best in class safety features which gives surety of low noise, highest product life, cost-effective and improved safety.

### PARKING

We at NASSA provide a world-class parking system for your elite infrastructure, to fit the specified requirement of our clients. Our delivery system runs on a smooth structure and timely delivery of our products is assured by us on all levels. The rising demand for parking spaces in India, we provide a complete solution.

### Innovations

We are always on a hunt for new things, be it technology or service. Nassa encourages new thinking that pushes the industry forward. With the advent of the Internet of Things (IoT), Billions of gadgets and sensors are right now implanted in regular articles from cars, to structures and even elevators. These help in bridging the gap in response times, reducing breakdowns, and increasing the life of components, thus making the customer experience even more enjoyable.

Together with our partners, we always reinforce our position as a pioneer in our industry. By understanding urbanization, concentrating on improvements in customer experience, and with a vision of seamless delivery of services, we utilize innovations that can help achieve marginal improvements on a daily basis enhancing structures and improving urban communities.

Furthermore, as new environments rise around smarter urban areas and buildings, there is an enormous potential for the combination of building plan with lifts, elevators, administrations and different utilities, in the most feasible ways that could be available.

The need to oversee, comprehend and examine steady inflow of information is the main force behind the partnership of two industry pioneers to create enhanced management and monitoring for NASSA is clients and end customers.

### Core Team

**Muhammad Shakil**

**CEO**

**B. Tech. (Electronics and Communication)**

He started his career from Johnson lift India Pvt. Ltd. as Installation & Modernization Engineer in 2006 and later worked with Kone Lift India Ltd. In that Industry. He was involved in EP & License processing in residential & Commercial Project in Delhi NCR with Kone Lift like Parliament House, Metro Apollo Hospital Krishi Bhawan Jaipur Golden Hospital and Many More Project. His total experience is 17 years in industry and currently he is heading NASSA Elevators CEO, handling all operations of the company, like (Research and development, Business Development, Finance and Design development).



## Company Overview

What makes your building beautiful and also adds convenience. We are elevator manufacturer provides services for customized elevator shaft sizes and design i.e. elevator cabin offering wide range of finishes, energy saving LED's, LOP's & COP's with digital TFT displays with customization, handrails etc., as per standard and approved parameters for residential or commercial building. With the evolution of technology, the elevator also keeps on upgrading as per the change in consumer needs.

We at NASSA Elevators are proud to cater to the mobility needs for various industries like hospitals, pharmaceuticals, restaurants, small elevator for your shop, etc. Our elevators are engineered for energy efficiency, comfortable ride quality, and Easy controls As well as innovative and flexible designs.

At NASSA elevators our motto is to offer an elevator that is safe, efficient, and visually mesmerizing.

The elevators are designed to carry a wide range of loads and provide multiple speed options.

## Vision

Nassa continuously strived to remain a dynamic organization, extending solution to key sector, through its technology-driven offering leading to enhanced customer satisfaction & Delight and to achieve horizontal as well as vertical growth. Nassa remain a responsible corporate citizen committed to environment sustainability. Nassa remain a responsible corporate citizen committed to environment sustainability

## Mission

We aim to achieve our larger objectives by effectively applying our fundamental working principal; & values, like professionalism, integrity and an unwavering commitment of providing the best in class product offering while continuously improving our self

## Milestone.

Nassa is one of the pioneers in India using advanced, cutting-edge technology in elevator production. Creativity and innovation are at the core of all the milestones that we have achieved to date.

With a large number of 'firsts' up our sleeve, NASSA is truly the leader in elevator manufacturing in India. Some of our noteworthy milestones are as follows:



## WHY WE ARE THE BEST

- AN ISO 9001:2008 CERTIFIED COMPANY WITH ALL SAFETY FEATURES
- THERE IS SALES@SERVICE BRANCH FROM LAST 12 YEARS
- WE HAVE TRADING STORE IN ALIGARH
- BREAKDOWN TIME IS VERY LESS
- TECHNICAL & WELL TRAINED EMPLOYEES
- SAFETY CUM FITNESS CERTIFICATE
- THIRD PARTY SURVEY
- QUARTERLY SENIOR VISIT
- NO HIDDEN CHARGES
- ECONOMIC THAN OTHERS NOT ONLY IN INSTALLATION BUT ALSO IN MAINTAINANCE
- ENTIRE RANGE OF ELEVATORS AVAILABILITY
- RESCUE TRAINING AFTER COMPLETION OF THE JOB
- 24 HOURS TECHNICAL SUPPORT
- 7 DAYS SERVICE INCLUDING SUNDAY AND FESTIVAL

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### MAJOR PRODUCT DETAILS

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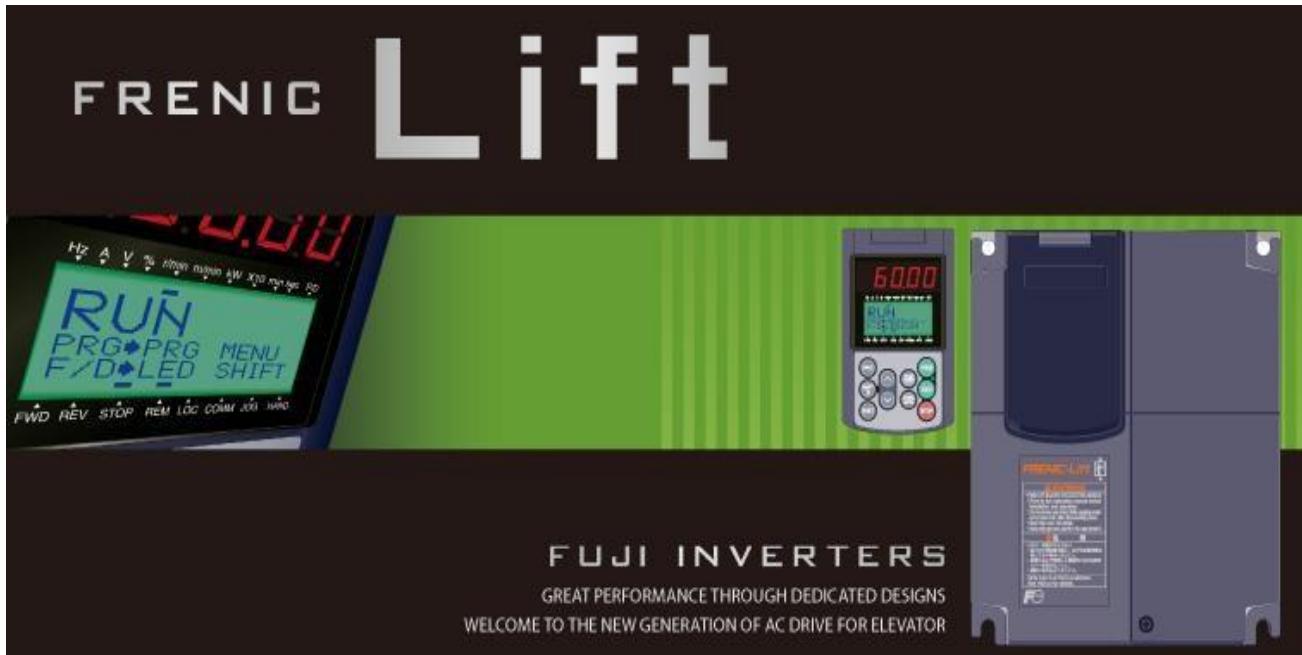
<input type="checkbox"/> <input checked="" type="checkbox"/> MACHINE	ITALIAN MONTANARY & GMV
<input type="checkbox"/> <input checked="" type="checkbox"/> ELECTRICAL PANEL	MICROPROCESSOR BASED SERIAL COMMUNICATION
<input type="checkbox"/> <input checked="" type="checkbox"/> AUTOMATIC RESCUE DEVICE	NASSA EXPEDITE
<input type="checkbox"/> <input checked="" type="checkbox"/> ROPE	USHA MARTIN LIMITED
<input type="checkbox"/> <input checked="" type="checkbox"/> OSG/DIVERTOR	SHARP
<input type="checkbox"/> <input checked="" type="checkbox"/> SS SHEET CABIN AND DOORS	JINDAL MAKE 1 MM THICKNESS
<input type="checkbox"/> <input checked="" type="checkbox"/> MS SHEET CABIN	16 GAUGE STANDARD
<input type="checkbox"/> <input checked="" type="checkbox"/> SENSORS	TL JONES/WECO
<input type="checkbox"/> <input checked="" type="checkbox"/> MAIN DRIVE	MULTI FUJI LM/INV
<input type="checkbox"/> <input checked="" type="checkbox"/> LOP/COP	STANDARD SELECTION OPTION
<input type="checkbox"/> <input checked="" type="checkbox"/> TRAVELLING CABLE	MULTI COLOUR 12 CORE/4 CORE ETC

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FOR SALES QUERY: MOHAMMAD SHAKIL (BRANCH MANAGER)-9897271910

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## Some our product Technical details



### Higher Performance

- Overload capacity: 200% for 10s
- Current response: 5 times greater than previous models (compared with the)
- Reduction of torque ripple realizes low vibration.
- Reduced roll-back during starting up.

### High performance vector control

- Current response (ACR): 500Hz
- Speed control accuracy:  $\pm 0.01\%$

### High overload capacity

- 200% of rated current for 10s  
(Overload begins from 80% continuous operation with a carrier frequency of 10kHz.)

### IM/PMSM common drive

- A single AC Drive can control an induction motor (open/closed loop control) and a synchronous motor (the optional PG interface card is required).



### Model variations

- FRENIC-Lift AC Drives are available in a series with capacities ranging from 4.0 to 45kW for three-phase
- 400V model.
- 200% of rated current for 10s  
(Overload begins from 80% continuous operation with a carrier frequency of 10kHz.)

### IM/PMSM common drive

- A single AC Drive can control an induction motor (open/closed loop control) and a synchronous motor
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### Model variations

- FRENIC-Lift AC Drives are available in a series with capacities ranging from 4.0 to 45kW for three-phase
- 400V model.
- 5.5 to 22kW for three-phase 200V model.
- 2.2kW for single-phase 200V model.

## **2. Product Description of Microprocessor based panel**

Backed by profound experience of the industry, we are presenting a vast variety of **Microprocessor Based**

**Control Panels.** These control systems are developed and designed using high-grade raw material in accordance with industry laid norms and guidelines. Owing to various excellent attributes such as high durability and easy maintenance, our entire range of control systems are widely demanded by our valuable clients.

### Description:

- Common landing hall buttons between two lift (Duplex System)
- **ARD (Auto Rescue Device) System**
- **Machine Room Less Panel System**
- **Hydraulics System**
- **Up collective system**
- **For above function in simple Manual Drive System and auto door System**
- **Every floor reed and gang switch system**



## **Features:**

- Attractive powder coated box
- Micro Processor based design
- Up-to isolation between field wiring and micro controller circuit
- Easy design for easy maintenance
- Highest safety inter lock circuit
- Up down safety to avoid over travel
- Support all type of gate lock
- Auto fan & Announcer operation
- Powerful control panel with the feature of smooth startup & landing, due to V3F drive improved machine's life, assured leveling accuracy irrespective of direction.

## **3. NASSA Elevators LOP&COP Product Specification**

**Button Type** Touch Button

### **Product Description**

**Elevator Touch Cop Lop Panels available in Various Designer Series with Vibrant colors and Variety of Displays.**

**Material Used Glass / Acrylic**

**Mounting Type Wall Mounting / Box Mounting**

**Operating Voltage 12v / 24v**

**Usage Household, Industrial Premises, Office Building, Hospitals Features**

- Capacitive Touch Technology
- Smart sense Technology
- Water, Oil and Sweat Resistant
- Smooth Touch Operation
- High Efficiency
- Long Functional Life
- Highly Customizable





#### **4. Automatic Rescue Device (A.R.D) by NASSA Elevators**

The **SMART RESCUE DEVICE** is the safest automatic elevator evacuation device designed for NASSA Elevators. The Smart Rescue relates to a new concept and design and operates the elevator controller at rated voltage to perform the evacuation operation.

##### **Principle of Operation**

The Smart Rescue works on the principle of powering and operating the Elevator Controller at rated Voltage to perform the Rescue operation. The Rescue device interfaces with the ES Drive which has a unique feature of "Low voltage DC operation" to operate the Elevator Motor with Low voltage Battery.

During Mains power ON, it monitors the power and continuously charges the Batteries. In the event of power failure, the Rescue device will activate within the predetermined "response time". The Powerful Inverter will produce and supply 3-Phase, 400V, sinusoidal power to the Controller. The Controller is now energized with 3-Phase power and will run the Motor in the Up direction at low speed and bring the Elevator to the immediate next floor and opens the door automatically. Upon opening the doors, the trapped passengers shall exit and the Rescue will shut the Inverter to prevent any further battery drain. When normal power resumes, the Smart Rescue will automatically switch over the Controller to Normal Operation

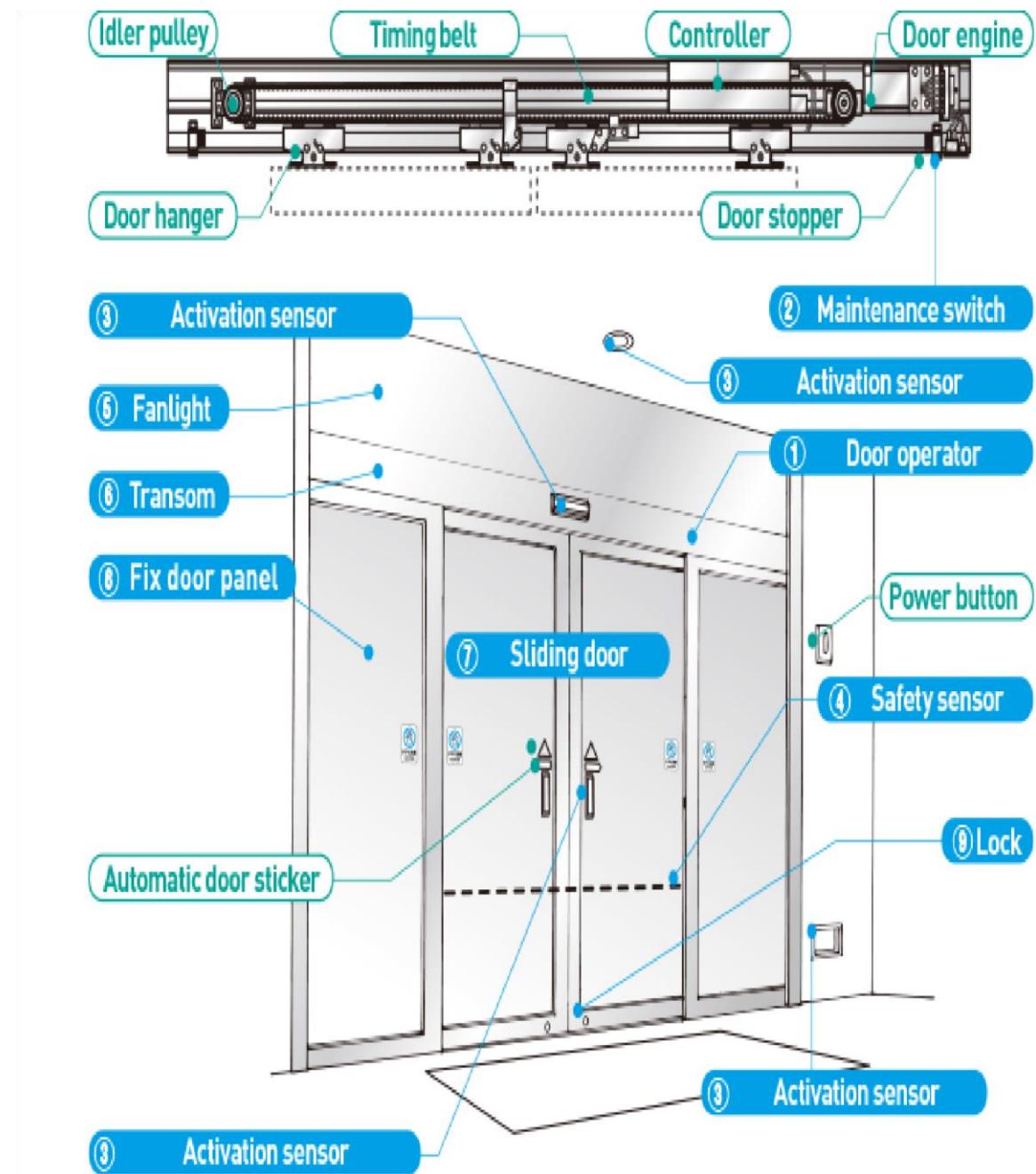
##### **Technical Specification**

Normal Power Supply	380V/400V/415V AC, 3Phase
Input Frequency	50 Hz
Inverter Output	400V AC, 3-Phase, +/- 10%
Output Frequency	50 Hz +/- 2%
Nominal Battery	48V, 6 X 12V
Type of Battery	Sealed Maintenance Free (SMF)
Battery Life	4 years
Maximum Backup	4 minutes time
Inverter Efficiency	>85%
Cooling System	Natural Air cooling
Max. Motor Capacity	12KW

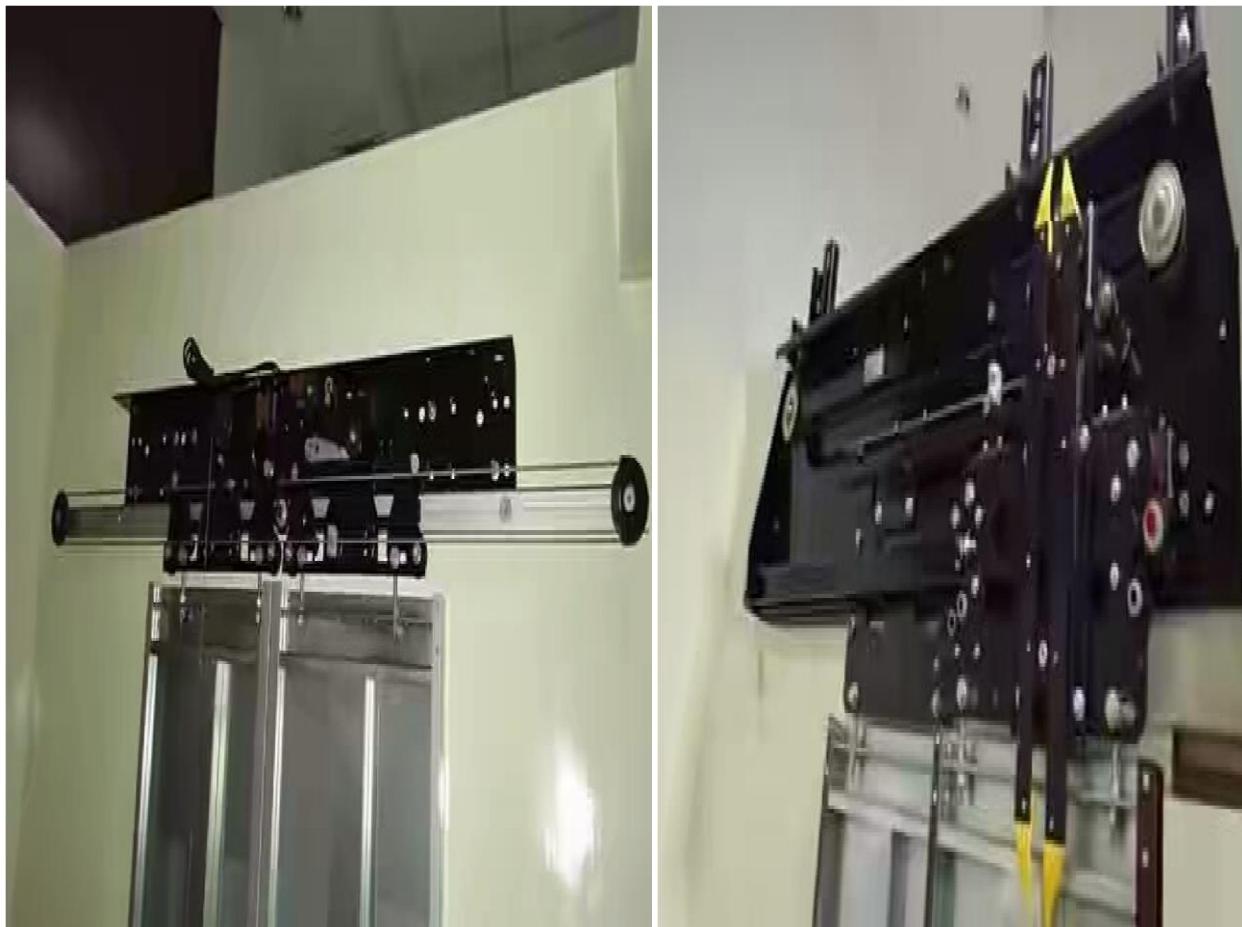


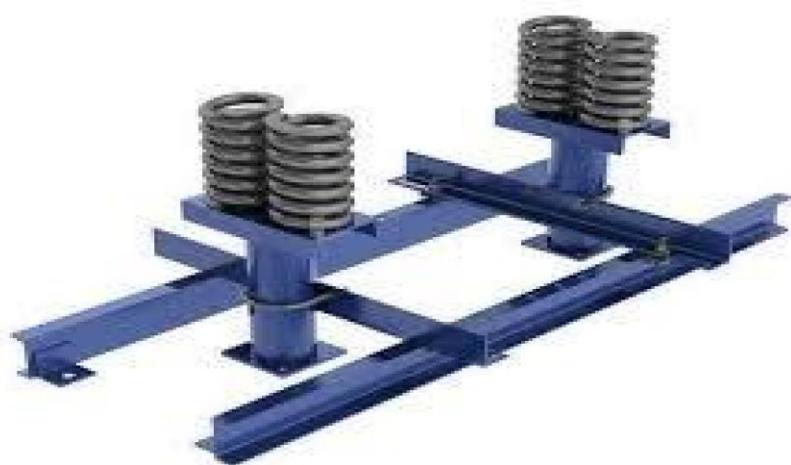
## 5. Automatic Door by NASSA Elevators

Automatic door opens when the door controllers receive an activation signal by the sensor and activate the gear motor to drive the belt and pulley. When no one is detected inside the activation Area, the door starts closing after a designated period of time



<u>Name</u>	<u>Function</u>
(1) Door operator	an automatic door operator is a set of driving devices and controllers that opens/closes the door. It includes components such as gear motor and door controller.
(2) Maintenance switch	The power to the door operator can be turned on/off easily during the maintenance of the door.
(3) Activation sensor	Activation sensors are used to activate the door's openings and closings by sending a signal to the door operator.
(4) Safety sensor	Safety sensors such as beam sensors detect people or objects on the door track, where it is difficult to be detected by activation sensors.
(5) Fanlight	Glass or other materials mounted between the ceiling and the header.
(6) Transom	Door operator is installed inside the header box.
(7) Sliding door panel	Materials such as tempered glass, aluminum and stainless steel Are often used.





## Monetary Italian Machine M67

Versatile and compact gearbox.

Suitable for lifts of 4/5 passengers for offices, residential and commercial buildings, condominiums, etc.

The gearbox can be taken apart into three parts starting from the delivery in the factory and combinable (motor, gearbox, pulley) in machine rooms. Modularity facilitates handling, installation and maintenance.

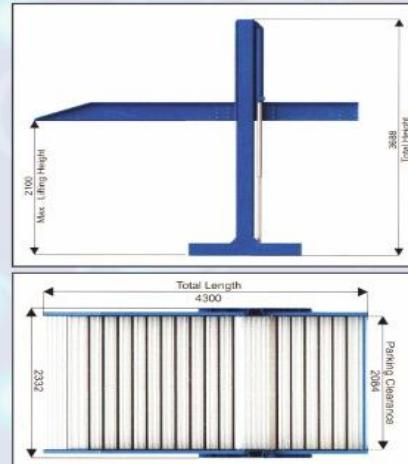
Typical applications M67 roping 1:1

408 kg – 1 m/s – 520 mm TP





## NASSA CAR LIFT



### Technical Data

MODEL	HDL-2115	MODEL	HDL-1815
Max. Lifting Load	4000 Kg.	2000 Kg.	4500 mm
Total Length	5300 mm	2970 mm	2970 mm
Total Width	2970 mm	2200 mm	2200 mm
Drive Through width	2200 mm	2415 mm	1800 mm
Total Height	2715 mm	50/35 Sec.	50/35 Sec.
Max. Lifting Height	2100 mm	230-415V, 1/3 Ph, 50Hz	230-415V, 1/3 Ph, 50Hz
Lifting/Lowering Time	60/40 Sec.	Hydraulically	Hydraulically
Electrical Required		Electric Auto Release	Electric Auto Release
Working By			
Lock Release			

### FEATURES

					
Hydraulic System	Key Switch	Safety Lock	Sensor	Emergency Stop Button	Anti-slip Platform

### Compatible Car Segments

MODEL	Upper Level	Lower Level
HDL-2115	SUV/Sedan/Hatchback	SUV/Sedan/Hatchback
HDL-1815	Sedan/Hatchback	Sedan/Hatchback

### Application

Residential	Bungalow, Bungalow, Apartments
Commercial/Corporate	Valet or Single Occupancy Parking
Malls & Hotels	Only Valet



## NASSA HOSPITAL ELEVATOR

These automatic lifts are built specially for usage by hospitals. Stretchers can be accommodated. Cabin if required can be washed or fumigated there is no jerk in starting or stopping. The range from 13 persons to 40 persons with the minimum size beginning from 3' x 7'.

The cabin walls can be of M.S. Painted, M.S. Powder Coated or hairline brush finished stainless steel collapsible channel gates or swing doors with glass vision windows can be provided.

Swing door be varied from floor to floor to suit the decor. Automatic doors can be also be provided.





## NASSA HYDRAULIC ELEVATOR

Compared with traction lift, hydraulic has the following obvious advantages

### Flexible setting of the machine room position

Top machine room is not needed. A machine room can be flexibly set within 10 meters ranges near the shaft which more complys with the individual design requirements of the constructions.

### Wide loading range, strong adaptability

Large car and tonnage design, maximum carrying ability reaches to 2 tons.

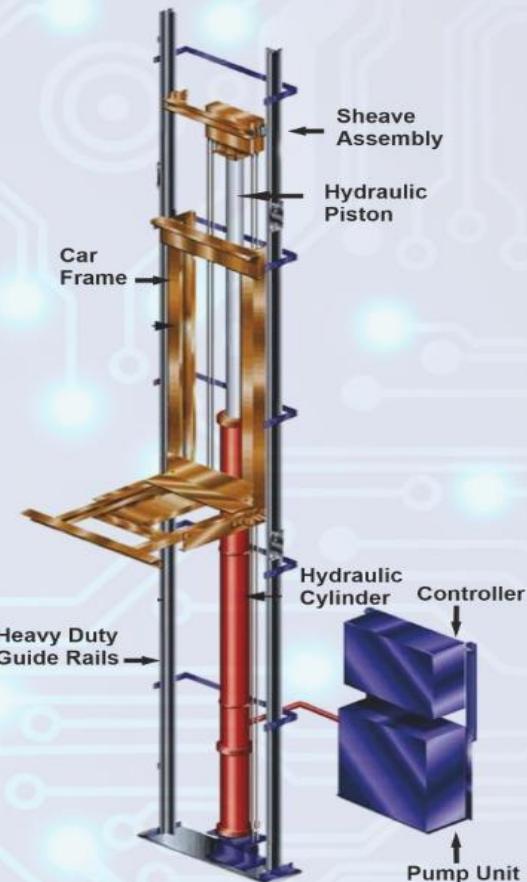
### Saving space and energy consumption, reducing the cost

Counterweight device is not needed, which increases the utilization rate of the hoist way and greatly saves the construction space and costs.

Meanwhile, when the lift is going downwards, depending upon the work done by the cabin's own weight, no electricity is consumed.

### The highest safety and reliability

Apart from all the safety protection devices of the traction lifts, we additionally add the multiple hydraulic circuit protection systems such as safety valve, limited speed disconnecting valve etc. The products are of the compact structure, low fault rate, easy for the daily maintenance.





**NASSA ARD (AUTOMATIC RESCUE DEVICE)**



## POWER HOUSE FOR LIFT & ELEVATORS..

WE RISE BY LIFTING OTHERS..





## OUR PRESENCE

- ↑ ALIGARH
- ↑ NEW DELHI
- ↑ NOIDA
- ↑ GREATOR NOIDA
- ↑ DEHRADOON
- ↑ GHAZIABAD
- ↑ ALLAHABAD
- ↑ MATHURA
- ↑ AGRA
- ↑ KASGANJ
- ↑ ETAH
- ↑ BAREILLY
- ↑ BULANDSHAHAR
- ↑ KHURJA
- ↑ SAMBHAL
- ↑ HATHRAS
- ↑ FATEHGARH
- ↑ FARRUKHABAD
- ↑ VARANASI
- ↑ SIKANDRA RAO
- ↑ KHAIR



ESCALATOR



DOOR OPERATOR



MATERIAL HANDLING EQUIPMENT



Nassa can be customised according to site condition & requirements.

#### What is NASSA

NASSA is a practical and economical home lift solution for reduced dimensions of the pit and headroom, managing to contain costs for preparation of the shaft.

NASSA offer NASSA with a high technological content, modern and adaptable to any type of architectural context.

#### Why Select NASSA

Home Lift Solution, NASSA allows advantages of  
Ease of installation  
Cost effectiveness  
Quiet operation  
Reliability  
Safety

#### OUR ELEVATOR RANGE

- ↑ PASSENGER LIFT
- ↑ PANAROMIC LIFT
- ↑ HOSPITAL LIFT
- ↑ HOME LIFT
- ↑ GOODS LIFT
- ↑ HYDRAULIC LIFT
- ↑ M.R.L LIFT
- ↑ DUMBWAITER



## NASSA HOME & DUMB ELEVATORS

Home lift is the elevator designed to meet vertical mobility needs in public & private buildings. It is the ideal solution for elderly and impaired mobility persons who can finally move autonomously and free from stairs.

It is a modern product, designed and manufactured to meet a wide range of needs from the garage to the roof, you can move effortlessly up to 4 floors.



### DUMB ELEVATOR

Brings you a revolutionary concept in the field of elevators to give you absolute freedom in designing - MRL - Machine Room Less Elevators!

Our exclusive Machine room less elevators brings aesthetic enhancements for your structure.

- Order To Erection In 15 Days
- Low Construction or Demolition Flexibility
- No Machine Room Needed
- Multiple Safety Features
- 24x7 Maintenance Assistance
- Noiseless Jerk Less Function
- Wooden Finish / Marble / Glass Options Available
- Over 300+ Cabin Personalization



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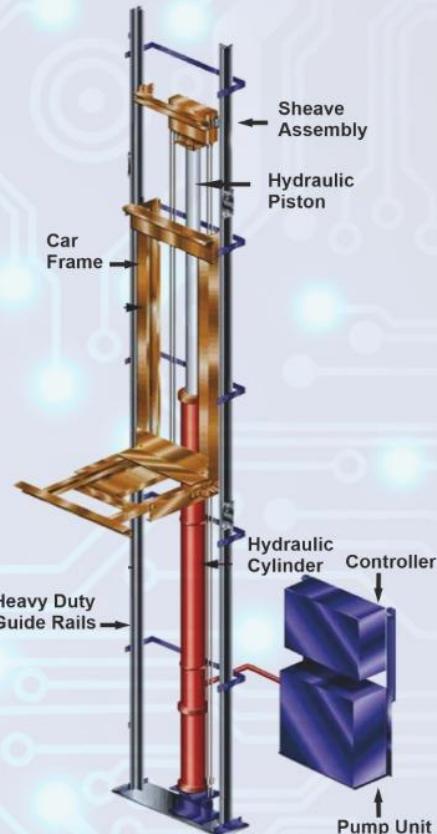
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**CHOOSE YOUR DOOR**



AUTO GLASS DOOR



AUTO DESIGN DOOR



AUTO GOLD FINISH DOOR



AUTO SS DOOR



MANUAL GLASS SWING DOOR



MANUAL TELESCOPIC DOOR



MANUAL SWING DOOR



MANUAL COLLAPSIBLE DOOR



MANUAL IFD DOOR



## NASSA GEARLESS MACHINE

VG Series is a new-generation gearless machine for elevators powered by a permanent magnet synchronous motor. Compact modular design, light weight and low operating noise levels make it especially suitable for machine room-less applications. VG series has outstanding torque and cogging characteristics and no oil spillage problems. Real saving in energy consumption, space and routine maintenance, contribute to a significant reduction in cost of ownership.

LESS SPACE  
LESS ENERGY  
MORE FLEXIBILITY



## PERMANENT MAGNET SYNCHRONOUS MOTOR

Seam Noise Vibration **LESS**



High Duty Cycle



Very Low Noise Level



Higher Efficiency & Smooth Riding



Higher Efficiency & Smooth Riding



Significant Power Saving



Simple Installation



Practically Maintenance Free



No Oil Spillage & Cleaning Issues

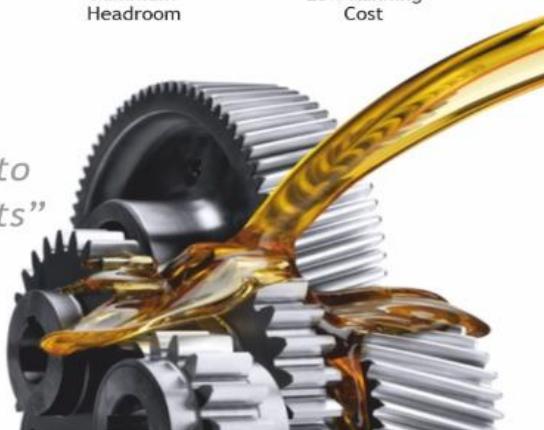


Minimum Headroom



Low Running Cost

*"From Perfect  
**TECHNOLOGY** to  
Quality Products"*





**NASSA LOP & COP TOUCH SERIES**

## TOUCH IRIS SERIES



No.	Model Name	Type	Dimension Availability	Display Availability
01	DCI	COP	850x170x15mm 1100x170x15mm	TFT Display, DOT matrix, 7 Segment
02	DLI	LOP	280x70x14mm 350x170x14mm (Duplex)	DOT matrix 7 Segment



## NASSA FEATURES

### Voice Assistance

Now you can access your elevator with ALEXA, SIRI and GOOGLE in any language and any where in the world.



**SUPPORTED**

Google Assistant    amazon alexa    Siri

### Security Finger Print



Model Name  
DLR (LOP)

Dimension Availability  
400 X 90 X 15MM

Display Availability  
DOT matrix,  
7 Segment

### Security RFID



### Security Remote Key





#### Installation

NASSA can be easily installed both in new & existing buildings.

The shaft can be made up of wall or can be made up of metal profiles (Metal Shaft) & located inside or outside the buildings.

#### Coverings

The car of NASSA can be customised according to the personal taste. Actually the customers can choose among the several skin plates at disposal and moreover among specific covering such as high pressure laminates, brushed stainless steel in natural or coloured finished.

#### Push Button Control Panel

The NASSA push control panel is practical and easy to use. It is supplied with call, alarm and stop push button with key to give the consent to work.

#### Safety

In case of temporary interruption of power supply, safe & efficient system provides the energy required to ensure the descent of the car in complete safety and with light on.

#### Customization

NASSA can be customized according to your requirements. So that it adds more fascination to your house.

#### Silence

NASSA is equipped with a noiseless & comfortable gearless system. Automatic doors with designs to suit customers choice, also allow easy operation for physically challenged.



#### Head Office

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- ✉ nassaelevators@hotmail.com  
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#### Greator Noida

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#### Bareilly

SA 53, Shopping Area,  
Deen Dayal Puram, Bareilly - 243005  
📞 +91 7982091097



## NASSA GENERAL PANORAMIC ELEVATOR

- Made from S.S. / M.S. with vision panel.
- Color-Powder coated, Elegant looks, Light in Weight and variable speed.
- Controller Full Proof to voltage (PLC or Solid state) with fully collective-selective system.
- AC VVVF drive for jerk free operation & for variable speed.
- overload indication and Auto Door announcing system.
- Avail Inverter facility for single base at time of Power failure.
- Push Button Luminous type highly attractive as well as durable.
- Facility Floor Position Indication at the floors as well as in cabin.





Over a decade ago, Mr. Naushad Ahmad, Arun Kumar, Sudhir Singh & Mr. Shakil Shah Ahmad got together and laid the foundation of what today is a reputed name in the elevator industry.

They are known for their commitment, quality, hardwork, service & excellence. With their vast experience and service in the industry, their names simply define the brand in the market.

Down to earth people like them have structured the company "NASSA" to cater to the elevator world.

### **Mission**

We aim to achieve our larger objectives by effectively applying our fundamental working principle & values, like professionalism, integrity and an unwavering commitment of providing the best-in class product offering, while continuously improving ourselves.

### **Vision**

NASSA continuously strived to remain a dynamic organisation, extending solution to key sector, through its technology-driven offering, leading to enhanced customer satisfaction & delight and to achieve horizontal as well as vertical growth.

NASSA remains a responsible corporate citizen committed to environmental sustainability.





## NASSA GOODS ELEVATOR



Nassa has been successful in implementing its technical expertise to install over 1200 heavy goods elevators as per customer requirement. We have completed prestigious customized jobs in record time, including installation of 16 MT elevator, 4 meter opening auto door and other Non-Standard elevator requirements.

We are able to exceed safety standards and provide an all-round solution due to our in house design team and world renowned software digipara.



## KG LOAD CAPACITY 50 to 5000





## NASSA GEAR & GEAR LESS MACHINE & V.V.V.F DRIVE



Mountary Machine



Traction Machine



### TECHNICAL DETAILS

- ↑ SPEED 0.5 to 2.5 MPS
- ↑ ROPING 1:1, 2:1
- ↑ ROPE DATA 10 to 13 MM
- ↑ SHEAVE DATA In Inch 21, 22, 15



Yaskawa Drive



Multi Fuzi LM Drive

### Montany Machine



### Overspeed Governer



### DUMB WAITER

#### DR - 06

250 kg. to 1500 kg. Available

Passenger Capacity Kg	450
Gear Ratio	1/36, 1/40, 1/42
Oil Capacity	2.5 (approx)
Weight Of Machine (Kg)	265 (approx)



## NASSA LOP & COP PUSH SERIES



**NASSA**  
ELEVATORS  
Perfect Direction, Perfect Moment



NASSA Buttons



NASSA Imported Guide Rail



## NASSA SAFETY FEATURES

### ↑ AUTO RESCUE DEVICE

In the event of power cut off, the elevator will continue to operate till the nearest floor and open the doors to let passengers out safely.

### ↑ INFRARED LIGHT CURTAIN

Full height infra red curtain with multiple cross-crossing light beams detect the smallest obstruction in door path and stop doors from closing.

### ↑ OVER LOAD SENSOR WITH AUDIO VISUAL INDICATION

On overloading of the lift, car audio-visual indication is provided and doors are kept open till excess load is removed.

### ↑ CAR EMERGENCY LIGHT & FAN

The emergency light is always illuminated in normal condition and switches itself automatically to battery back up in case of power failure. Fan also operates for minimum 20 minutes after power failure.

### ↑ EMERGENCY ALARM & PUSH TO TALK

In case of any emergency or power failure, help can be obtained by alarming or by communicating at lobby through this system which is battery operated and self charging.

### ↑ SAFETY IN CASE OF OVER TRAVEL

Three phase electric power is disconnected from control panel and motor, the moment elevator car moves beyond the limit of top and bottom terminal floors causing immediate application of the brake to bring the elevator to halt.

### ↑ SAFETY IN CASE OF ROPE BREAKAGE

In the elevator of breakage of ropes, elevator speed exceeds the rated speed in the downward direction due to gravitational acceleration. The over speed governor activates the clutch mechanism thereby switching off main controls and jamming the elevator car safety on guide rails.

### ↑ CAR FAN AUTOMATIC SLEEP

Car fan automatically stops when there are no registered floor calls resulting into saving in power and enhancing its life.

### ↑ VOICE ANNUNCIATOR WITH MUSIC

This system provides detailed information to passengers related to next floor, direction of movement, door opening/closing, scheduled operations and other information depending on the building needs. This system features natural electronic voice synthesizers.





## NASSA MAIN PANEL & ARD (Automatic Rescue Device)



A short journey in the lifts could abruptly turn to something very tense and scary should there be a power failure with no ARD installed.

Discover the relieving experience of getting out of trapped doors with our reliable & economical lift ARD that brings you safely down to the nearest operating floor & opens the door. Trusted and proven technology universally accepted by lift manufacturers.

**Micro Processor Based Panel**



**Application:**

MRL / Gearless / Geared and Hydraulic Motors.

**Advantages:**

Almost independent of lift controllers means Lessr wires are going & coming from controller to ARD.

No need of emergency lights in the elevator car.

Door type cabinet for easy access inside the ARD in case of trouble shooting.

Can be connected to single phase site.

IGBT based charging for longer battery life.

Digital Signal processing for constant pure sine wave output.

IGBT technology for higher reliability of ARD.



**Product Offerings:**

Regular ARD 5 HP to HP (2 Phase Output/Single Phase Output).

ARD for 3 Phase Operations-Otis, Kone, Schindler.

3 Phase ARD with Backup and Rescue.

Jarkless ARD for Hotels/Hospitals.

Servo Stabilizer with isolation transformer.

