



Perfecting the Art of Vertical Mobility

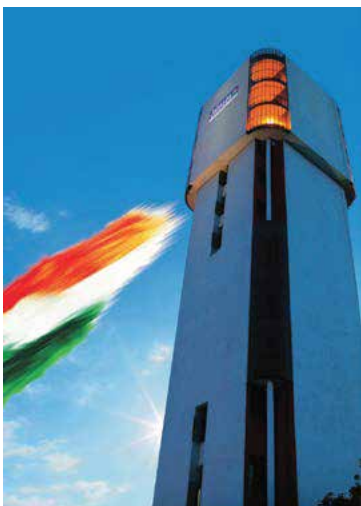
The logo for NEXTA EXPRESS, with "NEXTA" in a large, bold, white, sans-serif font and "EXPRESS" in a smaller, white, sans-serif font below it. The letters of "NEXTA" have a stylized, multi-lined effect, giving them a sense of motion and depth. The background of the entire advertisement is a low-angle photograph of a tall, modern skyscraper with a glass facade, reflecting the sky and surrounding buildings. The building's windows are illuminated from within, creating a warm glow. The sky is a pale, overcast grey.

GEARLESS | GREENER | FASTER | HIGHER



Johnson Snapshots

- ▲ Johnson Lifts are the pioneers in vertical transportation over 6 decades in India.
- ▲ Number one in sales volume since 2009.
- ▲ 300,000 square meters is the total area of our three lift factories with a combined manufacturing capacity of over 16,000+ units/annum.
- ▲ We have fourteen lift models to suit every budget and need.
- ▲ Currently, we have over 85,000+ units under Annual Maintenance Contracts in India.
- ▲ Johnson is the only manufacturer of heavy duty escalators in India with a 10,000 square metre factory in Chennai.
- ▲ We offer a wide range of escalators and travelators to cater to the needs of every sector.
- ▲ We operate from 80 branches in India and 10 offices overseas, with over 8,000+ Employees worldwide.



At 155 feet, one of the tallest lift testing towers in India at our Chennai factory.



The Inside Story

Nextra Express is manufactured in the 3 Factories based in Chennai and in Nagpur. The facilities are world-class in every way. From cutting edge equipment to quality processes and from the skills of our manpower to the brains in R&D, so that when you buy a Nextra Express, you get the best in the world.



Clockwise from top left: Hi-Speed auto-loading CNC turret punch in action. Micron accurate CNC press brake. The Salvagnini automatic line.



Advantages

Join the Gearless Revolution

Nextra Express is the next generation lift in vertical transportation brought to you by Johnson Lifts. The heart of Nextra Express is a rare earth permanent magnet synchronous motor, combined with the VVVF drive giving Nextra Express the following breakthrough advantages:

- **Saves Energy.**

Nextra Express reduces your power consumption by 60%. The gearless motor increases efficiency around 80% by:

- Reducing start up current
- Saving electricity - the busier the lift, the more the saving as a result of high efficiency.
- Less heat generation and greater mechanical efficiency of motor as it runs at a lower rpm.

- **Saves the Environment.**

Nextra Express is a green lift for greener buildings. In addition to the energy advantage, Nextra Express' gearless motor requires no lubrication and zero maintenance. No oil means no pollution.

- **Smoother Ride.**

The speed control works with closed loop feedback from the encoder to ensure safe and very smooth travel.

- **Savings in the Future.**

Nextra Express' gearless motor is a wonder of modern technology with only one moving part and the bearings completely sealed. It generates higher lift traveling speeds at much lower motor speed.

All this adds up to trouble-free, smooth operation for decades to come.

Think about the future - Get Nextra Express from Johnson Lifts today.



Features

Nextra Express comes with the following standard features:

VVVF Controller : This world-leading technology comes standard in all Nextra Express lifts. The Variable Voltage Variable Frequency (VVVF) control, ensures 50% energy Savings.

It also creates a super-comfortable ride quality with jerk-free starts and stops. Smooth acceleration and deceleration, time after time. In the long run, this prevents wear and tear of components, which means less downtime and huge savings on spares.

VVVF Door Controller : Silken smooth door movement. Advanced features like adjustable independent times for opening and closing. Slow-nudging feature ideal for high traffic situations.

Stainless Steel Buttons : Sophisticated design - buttons flush with backplate. Orange LED illumination. Highly tamper resistant.

Infra Red Screen Sensor : Curtain of 212 infra-red beams that prevents accidental closing of Door.



Image : **A Graphic representation of full - length infra red screen sensor.**



Overload Indicator : When the lift is overloaded, there is an audible “overload” announcement as well as a message in the display panel..

Fireman Switch : To enable fire-service personnel to take over complete control over one or more lifts.

Floor Annunciator : Recorded voice announces the floor number on arrival. Accompanied by pleasant music.

Hall lantern with gong : Landing fixture with illuminated arrow to indicate the direction in which the lift is heading and an arrival chime is sounded as the lift stops at the landing.

Automatic Rescue Device - ARD : Automatically takes the lift to the nearest level in case of a power Interruption.

Full Height Car Fixture : Designed specially for high-rise buildings. With ‘Press & Speak’ facility and overload indicator.



Landing Door : SS Hairline



Landing Door (Option) : Glass door

Optional Features

DCS - Destination Control System

The lift destination group control system is an integration of the intelligent chip and intelligent group control algorithm. The destination group control system works with the advance technology controller series integrated in lifts of JOHNSON, to implement intelligent dispatch of lift groups in buildings.




DCS - Landing Fixture

Features :

1. Group control for all destination floors.
2. Group control of multiple lifts.
3. Highly-efficient and safe group control system.
4. Reduced lift system cost of a building
5. Energy- saving
6. Flexible
7. User- Friendly
8. Intelligent
9. Performance evaluation
10. Sleek and Compact

IOT - Internet of Things (24x7 Lift Monitoring System)

In this fast-paced modern world and changing times, we serve to our customers' changing needs. Johnson Lifts introduces WATCH, a wireless software device that senses, monitors and alerts. WATCH is wireless software that connects your lift to the data center through the IOT device in the lift. This feature enables us to continuously monitor and maintain your lift for trouble free performance thereby improving its reliability.



IOT Device - WATCH

Features :

- Remote monitoring
- Predictive Maintenance
- Efficient trouble shooting
- Wireless Updates
- Online Inspection Device
- Breakdown and Passenger Trap Alerts

TFT Colour Display

Easily customisable to display notices and advertisements.

Display



JLDP 01
DOT Matrix



JLDP 04 TFT 4.3"
(Optional)



JLDP 05 TFT 7"
(Optional)



JLDP 05 TFT 7"
(Optional)



JLDP 06 TFT 10"
(Optional)

COP



JLCP 02



JLCP 03
with TFT 7"
(Optional)

Buttons



JLBT 01



JLBT01
TACTILE (Optional)

LOP



JLLP 01
Flush Mount
(Optional)



JLLP 03
Surface Mount
(Optional)



JLLP 04
Flush Mount
(Optional)



JLLP 05
Surface
Mount

Hall Lanterns



JLHL01



JLHL02 (Optional)
W/ O Display

Flooring



JLFL 01 PVC



JLFL 02 Chequered
Plate (Optional)



JLFL 03 Pergo -
Wooden (Optional)

Ceilings & Handrails



JLFC 01 (Optional)
With Crossflow Fan



JLFC 02 (Optional)
With Crossflow Fan



JLFC 03 STD Circular Diffuser /
Square Diffuser (Optional)



JLFC 04 (Optional)
With Crossflow Fan



JLFC 09 With Crossflow Fan



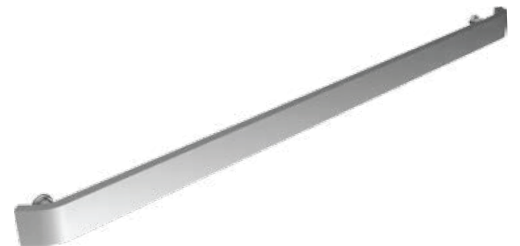
Round Handrail



Square Handrail



Round Handrail
(Physically Challenged)



Flat Handrail (Optional)



Tri-Round Handrail (Optional)

Civil dimensions

Centre Opening Door Lift

Load		Speed in m/s	Car Inside		Lift Well		Entrance
Persons	Kgs		A	B	C	D	E
10	680	2.5	1300	1350	1900	2150	800
			1400	1250	2000	2050	800
13	884	2.5	2000	1100	2600	1900	900
15	1020	2.5	2000	1200	2600	2000	1000
16	1088	2.5	2000	1300	2600	2100	1000
20	1360	2.5	2000	1550	2600	2350	1000
24	1632	2.5	2000	1800	2600	2600	1000
26	1768	2.5	2000	1900	2600	2700	1000

Side Opening Door Lift

Load		Speed in m/s	Car Inside		Lift Well		Entrance
Persons	Kgs		A	B	C	D	E
10	680	2.5	1300	1350	1900	2250	800
			1400	1250	2000	2150	800
13	884	2.5	2000	1100	2600	2000	900
							1000
15	1020	2.5	2000	1200	2600	2100	1000
16	1088	2.5	2000	1300	2600	2200	1000
20	1360	2.5	2000	1550	2600	2450	1000
24	1632	2.5	2000	1800	2600	2700	1000
26	1768	2.5	2000	1900	2600	2800	1000

Lift Speed	Pit depth	Headroom
2.5 m.p.s	2500	5600*

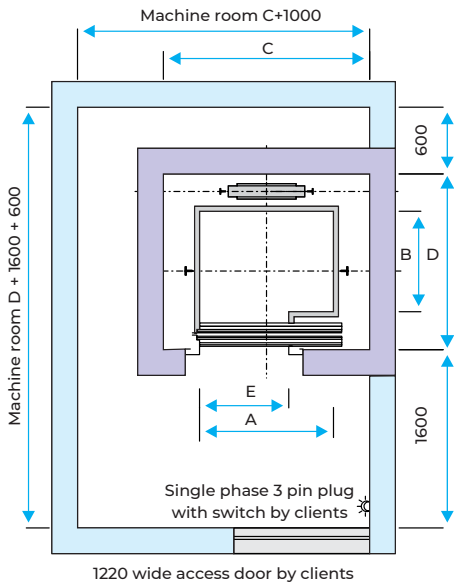
Clear Opening Height	Below Lintel height from finished floor level
2000	2125
2100	2225
2200	2325

* Headroom height provided for standard car clear height (below false ceiling) - 2200mm. If any variation in lift well size, contact marketing personnel for more details.

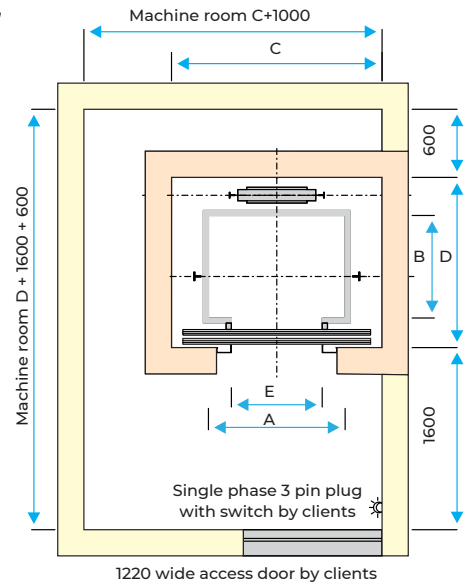
Note: All dimensions are in millimetres. All dimensions are clear finished liftwells after plastering. Dimensions are suitable for lifts speed 2.5 m/s. Dimensions in the machine room depend on number and orientation of lift shafts. Lifting hook in machine room required. All walls minimum 150 RCC. Hoistway front wall 230 brick preferred. RCC machine room structural slab 150 thick designed to sustain minimum 1000 kg/m² UDL. For specific requirements our local representative will be happy to work with you in preparation of the drawings.

Specifications are subject to change without prior notice. Photographs, colour swatches and finishes featured are indicative.

**Side Opening Door Lift:
Plan of lift well & machine room**

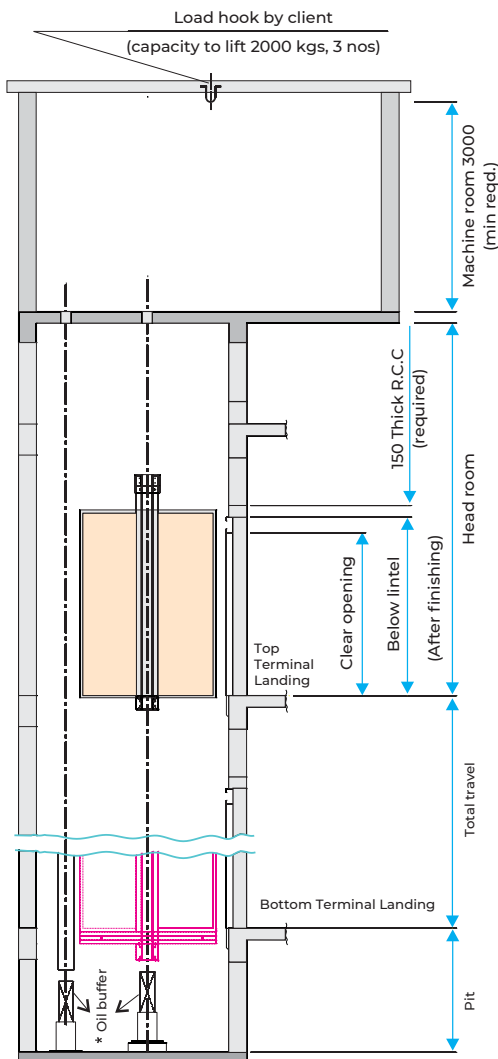


**Centre Opening Door Lift:
Plan of lift well & machine room**



Diagrams

Elevation



Installation



47
Stops

5
Units

ASHAR ARIA, THANE, NAVI MUMBAI

Specification :-

20 Pass/ 47 stops/ 2.5 MPS - 2 Lifts

24 Pass/ 47 stops/ 2.5 MPS- 1 Lifts

OVERSEAS

Nepal, Srilanka, Tanzania,
UAE, Uganda, Bhutan, Qatar,
Maldives, Saudi Arabia,
Oman, Bahrain

NORTH

Chandigarh, Gurgaon,
Delhi, Jaipur, Jammu,
Lucknow, Noida

EAST

Bhubaneswar, Guwahati,
Kolkata, Patna, Ranchi



CENTRAL

Amaravati, Bhopal,
Indore, Jabalpur, Nagpur,
Nashik, Raipur

WEST

Ahmedabad, Goa, Kolhapur,
Mumbai Andheri, Mumbai Mahpe,
Pune, Solapur, Surat, Vadodara

SOUTH

Bengaluru, Chidambaram, Calicut,
Chennai, Cochin, Coimbatore, Hyderabad,
Hubli, Hosur, Madurai, Mangalore, Mysore,
Puducherry, Salem, Tirunelveli, Tirupathi,
Trichy, Trivandrum, Vijayawada, Vellore,
Vishakapatnam, Warangal

4 Factories | 80+ Branches in India | 10+ Offices Overseas | 8,000+ Employees



Scan to visit our website



NEXEX|MKTC|08|QR|06-DT.09|24

Johnson Lifts Private Limited

Corporate Office: 1, East Main Road, Anna Nagar Western Extn., Chennai 101
+91-44-43152200 | enquiry@johnsonliftsltd.com | www.johnsonliftsltd.com