



Perfecting the Art of Vertical Mobility

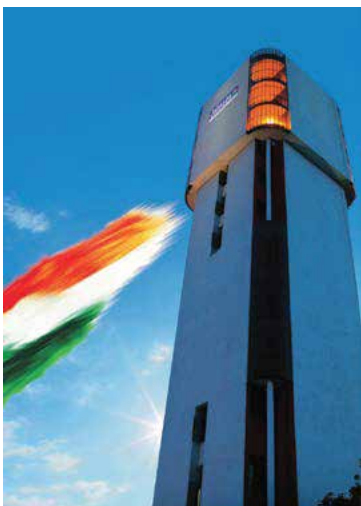
NEXTRA
EXPRESS

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 metres is the total area of our three lift factories with a combined manufacturing capacity of over 18,000+ units/ annum.
- ▲ We have fourteen lift models to suit every budget and need.
- ▲ Currently, we have over 1,00,000+ units under Annual Maintenance Contracts in India.
- ▲ Johnson manufactures heavy duty escalators in a 20,000 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 9,000+ 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 is applicable for Sukranti, Nextra and Nextra Express.



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

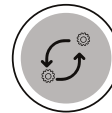
IoT - Internet of Things (24x7 Lift Monitoring System)

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 is applicable for Sukranti, Nextra and Nextra Express.



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



JLDP01 Orange
Square Dot
Matrix (OSDM)



JLDP03
LCD 5"(Optional)



JLDP04 TFT
4.3"-Vertical
(Optional)



JLDP05 TFT
7" - Vertical
(Optional)



JLDP05 TFT
7" - Horizontal
(Optional)



JLDP06
TFT 10" (Optional)

COP



JLCP02 - Full
COP Flushmount
(Projected 8mm)



JLCP03 - Premium
Full COP (Optional)
Flushmount

Buttons



JLBT01 - Round



JLBT01 - Round
Tactile (Optional)



JLBT03 - Oval

LOP



JLLP01
Grouting



JLLP03 (Optional)
Surfacemount
Premium



JLLP04
(Optional) Grouting
Premium

Hall Lanterns



JLHL01 - Standard
Horizontal



JLHL02 - Premium
Horizontal without
display (Optional)

Flooring



JLFL01 - PVC



JLFL02 - Chequered Plate
(MS / ALUM / SS) (Optional)
Standard - 3mm thickness
(6mm thickness - optional)



JLFL03 - Pergo
(Wooden)(Optional)

Ceilings & Handrails



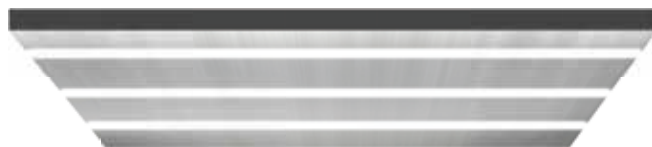
JLFC01- Sleek Rectangular
with Crossflow Fan (Optional)



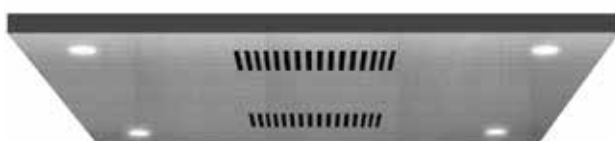
JLFC02 - Premium Sleek Rectangular
with Crossflow Fan (Optional)



JLFC03 - Sleek Small Circular /
Square Diffuser (Optional)



JLFC04 - Premium Strip Ceiling
with Crossflow Fan (Optional)



JLFC08 - Sleek Small Circular
with Crossflow Fan



JLHR01
Round Handrail



JLHR02
Square Handrail



JLHR03 Round Handrail
(Physically Challenged)



JLHR04 Flat Handrail
(Optional)



JLHR05 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*

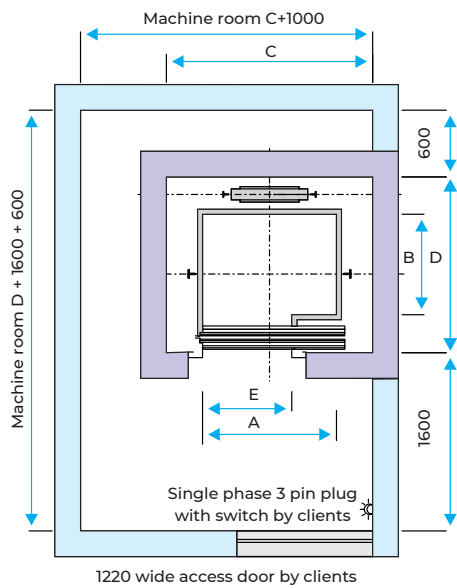
Clear Opening Height	Below Lintel height from finished floor level
2000	2125
2100	2225
2200	2325

* 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.

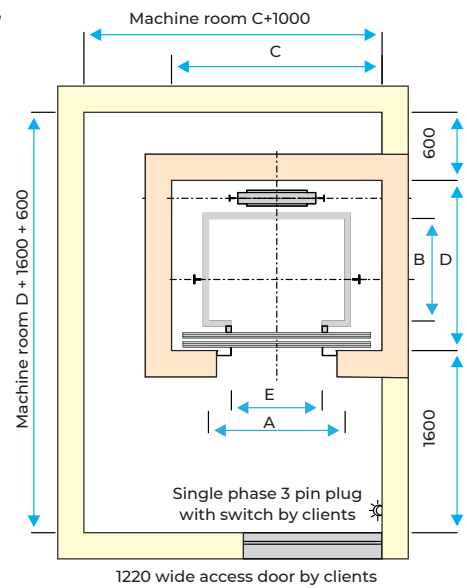
Note: All dimensions are in millimetres. All dimensions are clear finished liftwells after plastering. Dimensions are suitable for lifts speed 2.5 m/s. Dimensions in the machine room depend on number and orientation of lift shafts. Lifting hook in machine room required. All walls minimum 150 RCC. Hoistway 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**

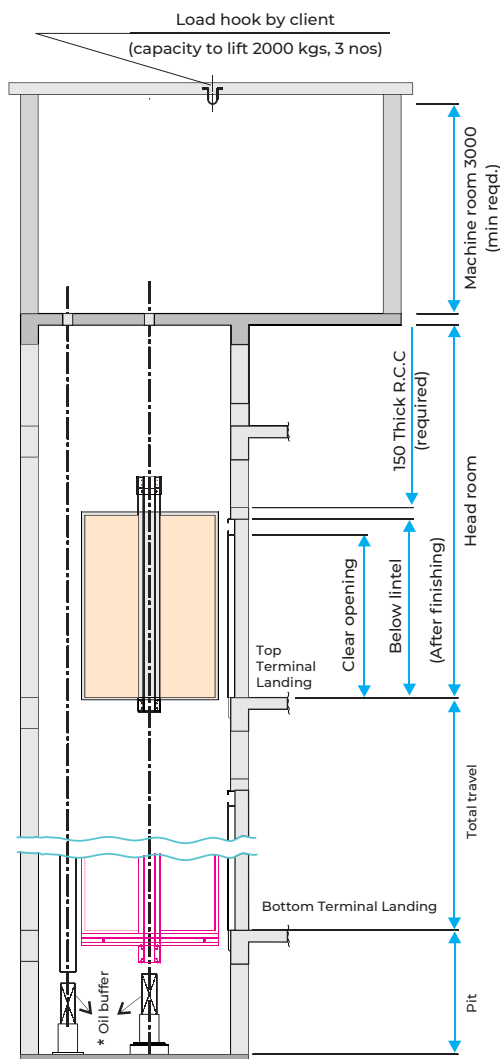


**Centre Opening Door Lift:
Plan of lift well & machine room**



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,
Navi Mumbai, Pune, Shirdi,
Solapur, Surat, Vadodara

SOUTH

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



4 Factories | 80+ Branches in India | 10+ Offices Overseas | 9,000+ Employees

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