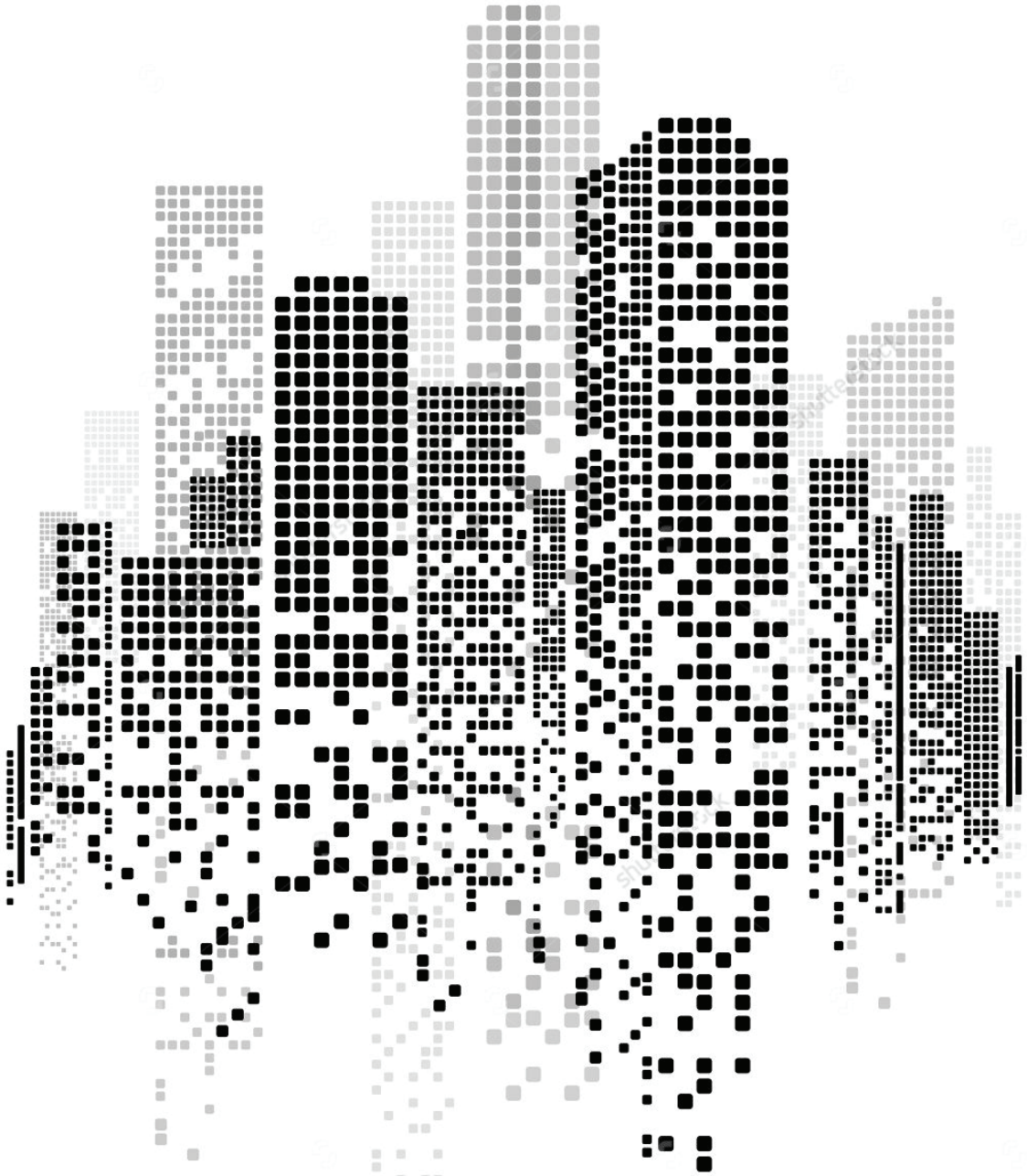


Nextra

GEARLESS. GREENER. FASTER. HIGHER.

Johnson LIFTS & ESCALATORS

Perfecting the Art of Vertical Mobility

JOHNSON SNAPSHOTS

- Johnson has over 5 decades of pioneering vertical transportation.
- Leaders in India with over 22% market-share.
- Number one in sales volume since 2009.
- 300,000 square metres is the total area of our three lift factories with a combined capacity of over 16,000 units/ annum.
- We have fourteen lift models to suit every budget and need.
- Currently, we have over 80,000 units under Annual Maintenance Contract in India.
- Johnson is the only manufacturer of heavy duty escalators in India at our 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 54 branches in India and 7 offices overseas, with over 10,000 employees worldwide.
- In 2019 we sold 13,000 units, handed over 10,000 units and manufactured over 10,000 units.



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

The Inside Story

Nextra is manufactured out of Johnson's three lift factories: Two units in Chennai and one in Nagpur. The facilities are world class in every way. From cutting edge equipment to quality processes. From the skills of our manpower to the brains in R & D. So that when you buy a Nextra, 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.



ADVANTAGE NEXTRA

Nextra is the next generation in vertical transportation brought to you by Johnson Lifts. The heart of Nextra is a rare earth permanent magnet synchronous motor. This combined with the VVVF drive gives Nextra breakthrough advantages.

Save Energy

Nextra 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.

Save the Environment

Nextra is a green lift for greener buildings. In addition to the energy advantage, Nextra's 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.

Save in the Future

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

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

Nextra Features

TFT Colour Display

Easily customisable to display notices and advertisements.

VVVF Controller

This world leading technology comes standard in all Nextra 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. And no landing variations. 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.



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 ringing tone is sounded as the lift stops at the landing.

ARD

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

Door Frame

Only Johnson Lifts come with elegant door frames in Pre-coated Steel that gives strength as well as an enlarged appearance.

Full Height Car Fixture

Designed specially for high-rise buildings. With Press & Speak facility and overload indicator.



Infra Red Screen Sensor

Diagrammatic representation of the curtain of 212 infra red beams that prevents accidental closing of the door.

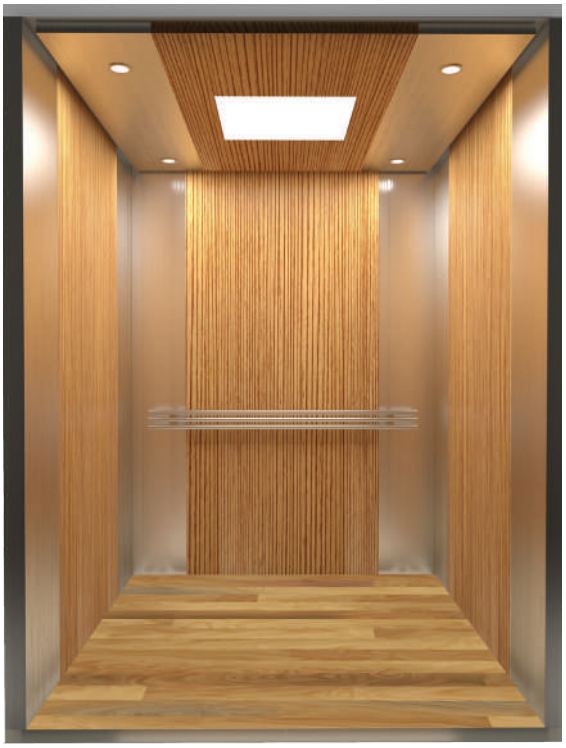
NEXTRA GALLERY



As you turn the page, imagine you are stepping into a wonderland of lifts. Here, you can choose from the most luxurious finishes, hi-tech operating panels, sleek false ceilings and more. The best the world has to offer for your most exclusive customers.

Select from the range of options and create your own work of ‘art’!

Cedar



Cedar- sideview



Etched Gold



Etched Gold - sideview



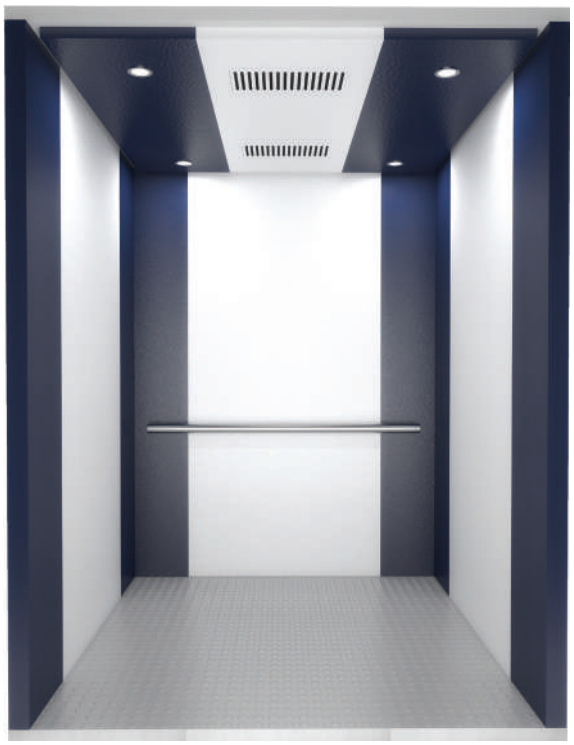
Woodpecker



Flamingo



Bluejay



Bluejay- sideview



SS Hairline



Etched White



Dama



Honeycomb



Narrow DoorJamb





Wide DoorJamb



Buttons



JLBT 01



JLBT 01
TACTILE (OPTIONAL)



JLBT 03

Landing Operating Panels



JLLP 01
FLUSH MOUNT



JLLP 03
SURFACE MOUNT
(OPTIONAL)



JLLP 04
FLUSH MOUNT
(OPTIONAL)



JLLP 05
SURFACE MOUNT
(OPTIONAL)

Hall Lanterns

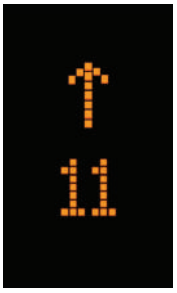


JLHL 01
FLUSH MOUNT



JLHL 02
SURFACE MOUNT (OPTIONAL)

Displays



JLDP 01
DOT MATRIX



JLDP 05 TFT 7" (OPTIONAL)



JLDP 05 TFT 7" (OPTIONAL)



JLDP 03 LCD 5" (OPTIONAL)



JLDP 04 TFT 4.3"
(OPTIONAL)

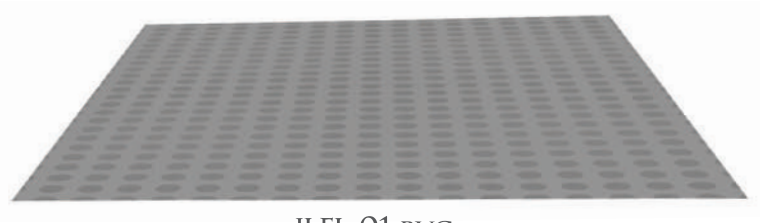


JLDP 06 TFT 10" (OPTIONAL)



JLDP 04 TFT 4.3" (OPTIONAL)

Flooring



JLFL 01 PVC



JLFL 02 CHEQUERED PLATE (OPTIONAL)



JLFL 03 PERGO-WOODEN (OPTIONAL)

Handrails



Round Handrail



Square Handrail



Round Handrail
(physically challenged)



Flat Handrail (optional)



Tri-Round Handrail
(optional)

Car Operating Panels



JLCP 02



JLCP 03
(optional)

Ceilings



JLFC 01 (optional)



JLFC 02 (optional)



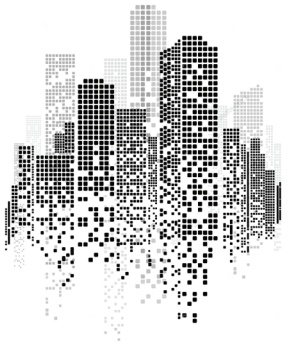
JLFC 03



JLFC 04 (optional)



JLFC 05



NEXTRA SPECIFICATIONS

CENTRE-OPENING DOOR LIFT (1.25 - 1.75 MPS)

Load		Speed in m/s	Car Inside		Lift Well		Entrance
Persons	Kgs	(motor rating - kw)	A	B	C	D	E
6	408	1.25 (3.1) & 1.75 (4.3)	1100 1200	1000 900	1550 1750	1600 1500	700 (min) 800
8	544	1.25 (4.1) & 1.75 (5.8)	1300 1400	1100 1000	1750 1800	1700 1600	800 800
10	680	1.25 (5.2) & 1.75 (7.3)	1300 1400	1350 1250	1750 1800	1950 1850	800 800
13	884	1.25 (6.7) & 1.75 (9.4)	2000	1100	2450	1700	900
15	1020	1.25 (8.2) & 1.75 (11.5)	2000	1200	2450	1800	1000
16	1088	1.25 (8.2) & 1.75 (11.5)	2000	1300	2450	1900	1000
20	1360	1.25 (13.2) & 1.75 (15.5)	2000	1500	2450	2100	1000
24	1632	1.25 (18.4) & 1.75 (18.4)	2000	1750	2500	2350	1000

SIDE-OPENING DOOR LIFT (1.25 - 1.75 MPS)

Load		Speed in m/s	Car Inside		Lift Well		Entrance
Persons	Kgs	(motor rating - kw)	A	B	C	D	E
6	408	1.25 (3.1) & 1.75 (4.3)	1200 1100	900 1000	1600 1500	1600 1700	800 800
8	544	1.25 (4.1) & 1.75 (5.8)	1300 1200	1100 1200	1700 1600	1800 1900	800 800
10	680	1.25 (5.2) & 1.75 (7.3)	1300 1400	1350 1250	1700 1800	2050 1950	800 800
13	884	1.25 (6.7) & 1.75 (9.4)	2000	1100	2450	1800	900 & 1000
15	1020	1.25 (8.2) & 1.75 (11.5)	2000	1200	2450	1900	1000
16	1088	1.25 (8.2) & 1.75 (11.5)	2000	1300	2450	2000	1000
20	1360	1.25 (13.2) & 1.75 (15.5)	2000	1500	2450	2200	1000
24	1632	1.25 (18.4) & 1.75 (18.4)	2000	1750	2500	2450	1000

Lift speed	Pit depth	Headroom
1.25 m.p.s	1500	4200
1.75 m.p.s	1600 (For 8/10/13 passenger)	4800
1.75 m.p.s	1800 (Except 8/10/13 passenger)	4800

Clear opening Height	Below lintel height from finished floor level
2000	2200
2100	2300
2200	2400



NEXTRA SPECIFICATIONS

CENTRE-OPENING DOOR LIFT (2 MPS)

Load		Speed in m/s	Car Inside		Lift Well		Entrance
Persons	Kgs		A	B	C	D	E
8	544	2.0	1300 1400	1100 1000	1800 1900	1750 1650	800 800
10	680	2.0	1300 1400	1350 1250	1800 1900	2000 1900	800 800
13	884	2.0	2000	1100	2500	1750	900
15	1020	2.0	2000	1200	2500	1850	1000
16	1088	2.0	2000	1300	2500	1950	1000
20	1360	2.0	2000	1500	2600	2150	1000

SIDE-OPENING DOOR LIFT (2 MPS)

Load		Speed in m/s	Car Inside		Lift Well		Entrance
Persons	Kgs		A	B	C	D	E
8	544	2.0	1300 1200	1100 1200	1800 1700	1800 1900	800 800
10	680	2.0	1300 1400	1350 1250	1800 1900	2050 1950	800 800
13	884	2.0	2000	1100	2500	1800	900 & 1000
15	1020	2.0	2000	1200	2500	1900	1000
16	1088	2.0	2000	1300	2500	2000	1000
20	1360	2.0	2000	1500	2600	2200	1000

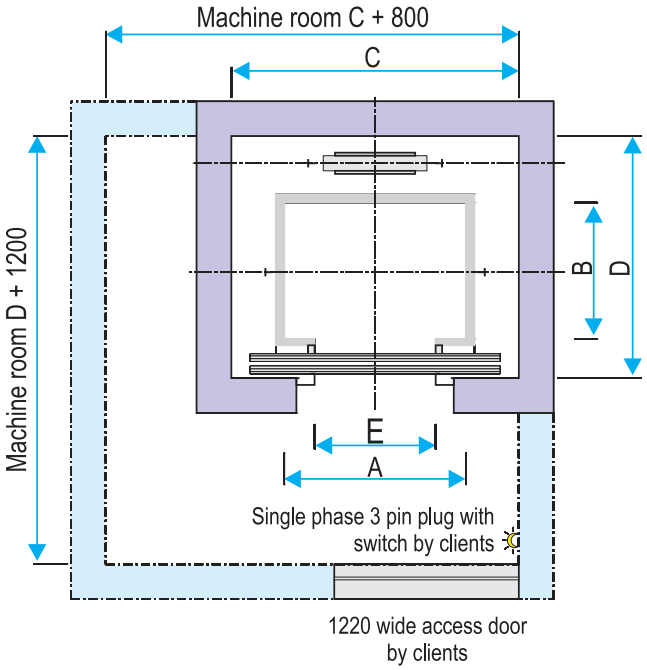
Lift speed	Pit depth	Headroom
2.0 m.p.s	2200	5200*

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

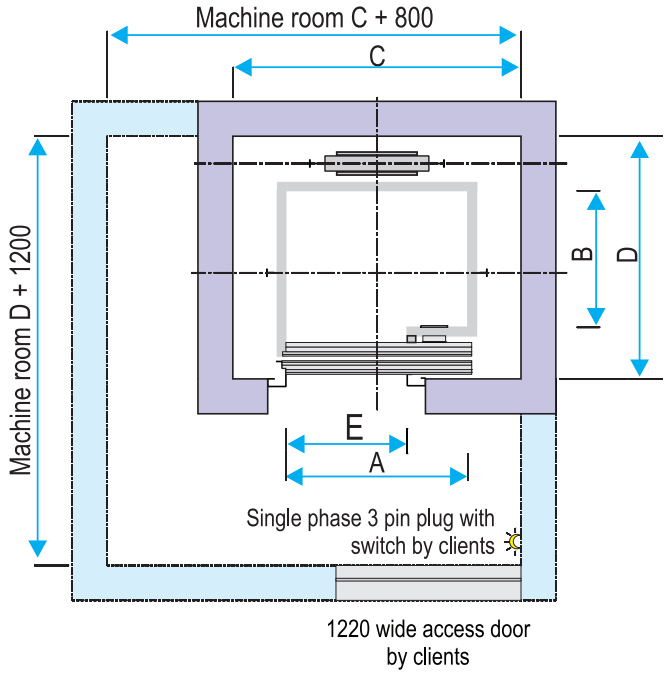
Clear opening Height	Below lintel height from finished floor level
2000	2200
2100	2300
2200	2400

NEXTRA DIAGRAMS

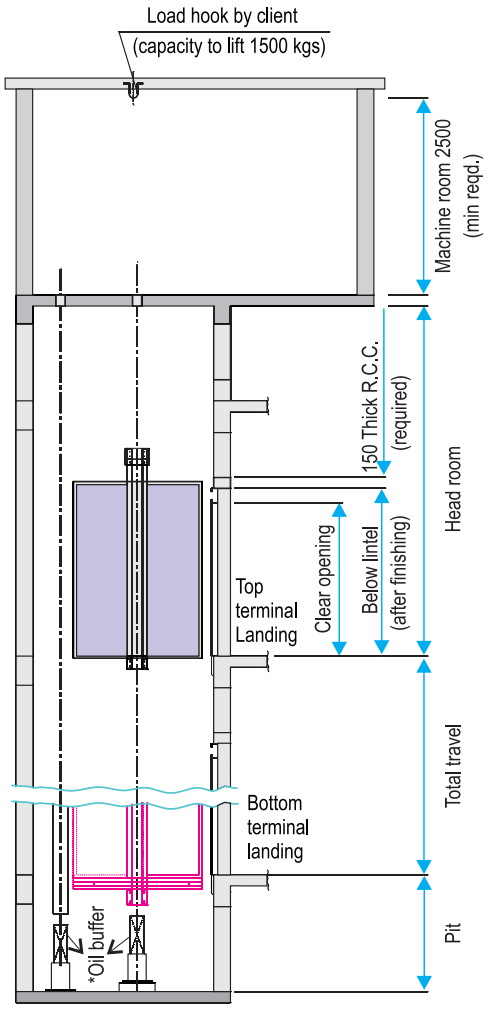
2 PANEL CENTRE-OPENING DOOR LIFT



2 PANEL SIDE-OPENING DOOR LIFT



ELEVATION



*Oil buffer only for lifts with a speed-rating of 1.75 & 2 m/s

Note: All dimensions are in millimetres. All dimensions are clear finished liftwells after plastering. Dimensions are suitable for lift speeds upto 1.75 and 2 m.p.s. Dimension in the machine room depends on number and orientation of the lift shafts.Lifting hook in machine room required. All walls minimum 150RCC or 230 brick. 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.

JOHNSON FACTORIES

Our unmatched manufacturing capability.
Lift factories in West and South India and India's first escalator factory in Chennai.



Johnson escalator factory complex in Oragadam, Chennai



Johnson lifts factory, Nagpur



Johnson lifts factory, Poonamallee, Chennai



Johnson lifts factory complex in Sengadu, Chennai

OVERSEAS

Bhutan, Myanmar, Nepal, Qatar, Srilanka, Tanzania, UAE

NORTH

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

EAST

Bhubaneswar, Guwahati, Kolkata, Patna, Ranchi



Johnson LIFTS & ESCALATORS

CENTRAL

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

WEST

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

SOUTH

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

4 factories | 54 branches in India | 7 offices Overseas | 10,000+ employees

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