

KONE provides innovative and ecoefficient solutions for elevators, escalators and the systems that integrate them with today's intelligent buildings.

We support our customers every step of the way; from design, manufacturing and installation to maintenance and modernization. We are the global leader in helping our customers manage the smooth flow of people and goods throughout their buildings.

Our commitment to customers is present in all KONE solutions. This makes us a reliable partner throughout the life cycle of the building. We challenge the conventional wisdom of the industry. We are fast, flexible, and we have a well-deserved reputation as a technology leader, with such innovations as KONE MonoSpace® DX, KONE NanoSpace™ and KONE UltraRope®.

KONE employs close to 60,000 dedicated experts to serve you globally and locally.

KONE India, with a nation-wide network and over 5,000 employees, is committed to add value to the entire life cycle of any building with innovative products and solutions.

KONE Elevator India Private Limited

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MACHINE-ROOM-LESS FREIGHT ELEVATOR

KONE TranSys™



To move freight, you need an elevator that's built for freight

To move freight, you need an elevator that is designed specifically for moving freight. That means a powerful hoisting machine. Durability to cope with rough treatment. A smooth ride to handle fragile loads. Leveling accuracy for easy loading and unloading. Wide doors that maximize the usage of space in the car.

The powerful and high-performance KONE TranSys™ freight elevator solution is ideal for a multitude of demanding vertical freight transportation tasks in a variety of buildings: supermarkets, shopping malls, airports, warehouses, hospitals, hotels, industrial plants and offices.

The new KONE TranSys™ freight elevator brings all of the advantages of machine-room-less elevator technology to the higher range of freight elevators.

The power to lift up to 5000kg at 1.0m/s

The KONE TranSys™ freight elevator solution is based on the KONE MonoSpace® platform. It incorporates the highly reliable and eco-efficient KONE EcoDisc® hoisting machine for exceptional power and performance. Moving up to 5000kg at 1.0m/s is no problem for this workhorse. This powerful machine also reduces power consumption, compared with conventional machines.



KONE EcoDisc® the pioneer in gearless Machine-room-less technology

Outstanding power and performance

Exceptionally space-efficient

The KONE TranSys™ freight elevator needs no machine-room at all. This means:

- Easier positioning of the elevator in the building
- Saves building construction time and costs
- Up to 30 cubic meter extra building space that can be used more profitably.
- More efficient, safer elevator installation processes

Reliable, high performance

The KONE TranSys™ freight elevator solution provides reliable operation, outstanding traffic performance and a smooth ride. The ride quality is a result of KONE's EcoDisc® coupled with V3F. The variable frequency drive prevents current peaks and ensures excellent stopping accuracy, making it easier and safer to load and unload.

Eco-efficient

The low friction, gearless construction of the KONE EcoDisc® hoist reduces wear, so it increases the reliability and durability of the machine. KONE EcoDisc® is also compact and eco-efficient – it consumes half as much electricity as a conventional machine. KONE EcoDisc® requires no oil, which reduces fire risk and environmental impact

Easy loading and unloading

Powered by the gearless KONE EcoDisc® machine, the KONE TranSys™ freight elevator solution features quiet operation, smooth running to protect fragile loads and ±5mm leveling accuracy to make loading and unloading easier.

Wide load range

The KONE TranSys™ freight elevator solution is available in different car sizes to transport freight of various sizes and loads. With a maximum load capacity of upto 5000kg, it can meet virtually every freight transportation requirement in a variety of building types.



Customized specification

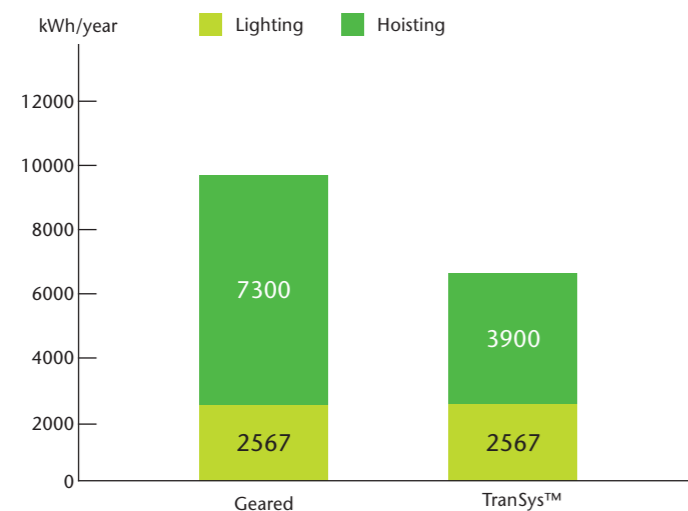
KONE TranSys™ are built for the job, the elevators are equipped with strong double skin door panels which retract fully for the easy movement of passengers and goods. Further door area protection includes a curtain of light for safe entry and exit. The car is finished in stainless steel or painted steel protected by buffer rails and equipped with LED lighting. A minimum floor-to-floor distance of 550mm is required to suit the through type application.

Max capacity	Up to 5000 Kg
Max Travel	Up to 12 floors and 40 M travel
Max Speed	0.5m/s and 1.0m/s
Control	Down collective and Full collective
Group size	Duplex
Clear opening in mm	Up to 3000
Door height in mm	Up to 2800
Car height in mm	Up to 3000
Roping	4:1

Note: Vehicle elevator also available with capacity of 3000 kg and 4000 kg

The perfect blend of eco-efficiency & performance

KONE is the Pioneer of Eco-efficiency in the elevator industry. The elevators are equipped with energy efficient KONE EcoDisc® hoisting machines which help to significantly reduce the energy consumption of a building. The EcoDisc® now powers KONE TranSys™ too!. This means a savings in power of up to 50% compared to conventional machines.



The basis of the calculation is from a 2000 Kg lift with 4:1 roping running at 0.5m/s speed and serving 12 stops at approximately 100,000 starts/year





A wide choice of durable interior materials

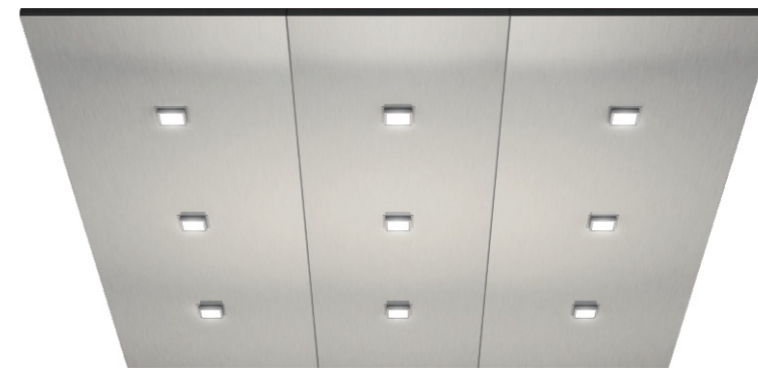
Ceilings

CT002



Finishes : Powder coated; Stainless steel
 Lighting : LED
 Ventilation : Axial flow fan (Strong air flow)

CT006



Finishes : Powder coated; Stainless steel
 Lighting : LED
 Ventilation : Cross flow fan (Mild air flow)

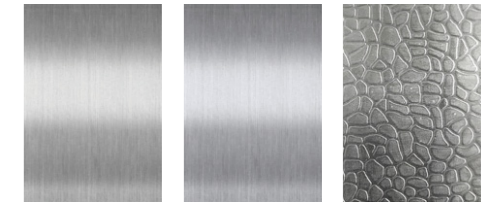
Buffer rail

Rubber

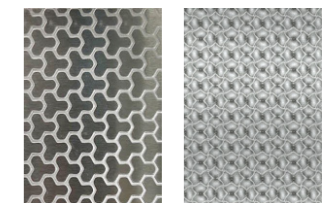


Wall Materials

Stainless Steel



Brushed Silver Brushed Moonrock



Honeycomb Vandal Proof

Powder Coated



Misty Grey RAL9006 Light Grey RAL7040 Light Grey RAL7047

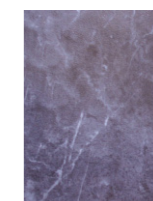
Floor Materials

Chequered Plate



Steel Tear plate 6 mm Aluminium Tear plate 6 mm Stainless Steel Tear plate 6 mm

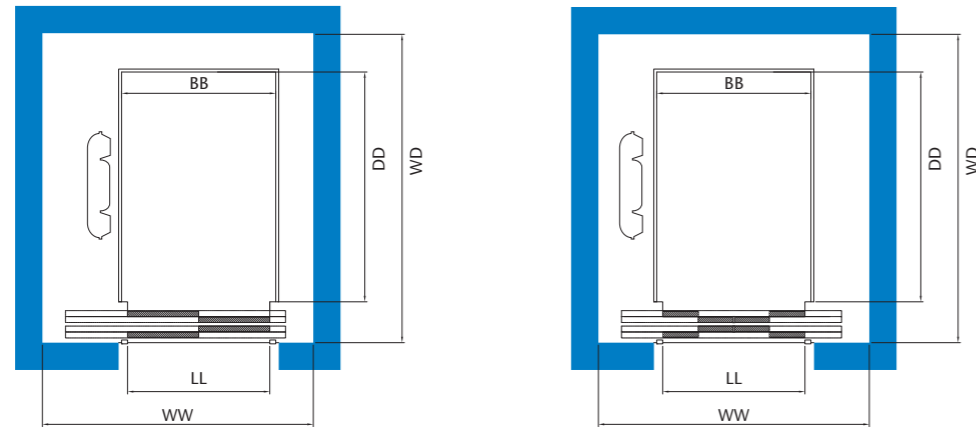
PVC



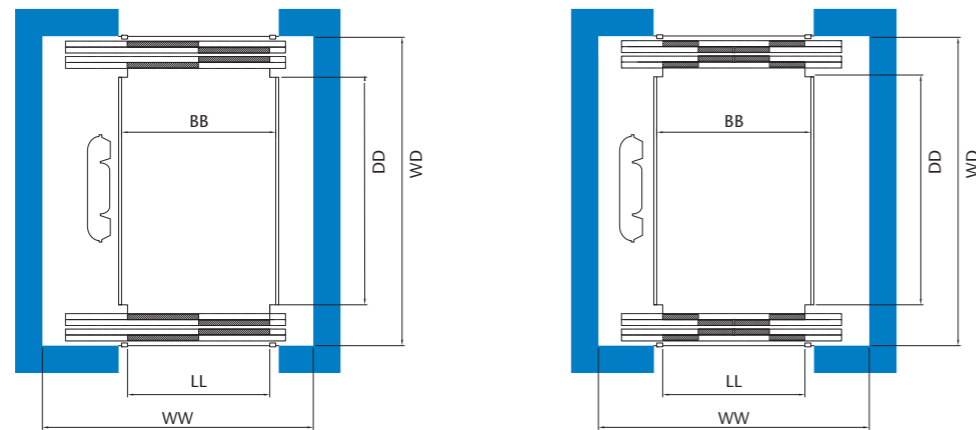
Dark Grey Marble Pattern (PDGM)

Car and shaft dimensions

Layout for single entrance



Layout for through type car



Note:

For other car size and through type car available, shaft size, headroom and pit height dimension, please contact our sales person

Lift type	Rated load (Kg)	Rated Speed (m/s)	Car internal dimensions (mm)		Door opening (mm)	Hoistway internal dimensions Side opening door (mm)			Hoistway internal dimensions Centre opening 4 panel / 6 panel door (mm)			Head room height SH (mm)	Pit depth PH (mm)
			BB	DD		LL	WW		WD	WW			
					Min		Max	Min		Min	Max	Min	
GW15	1500	0.5 & 1.0	1700	2000	1000	2500	3025	2650	2500	3025	2650	CH+1625	1600
GW20	2000		1700	2500	1000	2500	3025	2975	2500	3025	2975	CH+1600	1600
GW25	2500		2000	2500	1000	2800	3325	2975	2800	3325	2975	CH+2050	1900
GW30	3000		2000	2800	1400	-	-	-	3125	3450	3300	CH+2200	2050
GW35	3500		2200	3000	1800	-	-	-	3325	3650	3475	CH+2350	2000
GW40	4000		2400	3100	1800	-	-	-	3525	3850	3575	CH+2350	2000
GW45	4500		3000	2800	2400	-	-	-	4125**	4450**	3700**	CH+2350	2000
GW50	5000		3200	3000	2400	-	-	-	4325**	4650**	3800**	CH+2350	2000
VW30	3000		3000	6000	3000	-	-	-	4125**	4450**	6525**	CH+2200	2050
VW40	4000		3000	6000	3000	-	-	-	4125**	4450**	6525**	CH+2350	2050

Note

* All shaft measurements specified are taken from over plaster
 * Shaft dimension are to be maintained to a tolerance of 0, +25mm
 * For WB region minimum headroom height and pit height are higher
 * For side opening doors, same dimension are applicable for both RH and LH doors
 ** 6 panel COPD

Control System Features

EBD A	Emergency Battery Drive Automatic (ARD)	O	OCV	Operation of car ventilation, automatic	S(FS)
CEL E	Car Emergency Lighting	S	FCC R	False car call canceling (by pressing button again)	S(FS)
EAQ	Earthquake mode of operation	O	BLF	Bypass load function	S(FS)
FRD	Fireman's Drive	S	OLF	Overload function, constant indication/buzzer	S
COD	Correction drive to next level	S	CRB	Car call registered buzzer	S(FS)
ABE M	Alarm Bell	S	ACU	Lift Announcer (LAS)	O
ISE C	Emergency Intercom car-machine room-control room	O	LIL AM	Lift link, Alarm, Mode signals (BMS)	O
DCB	Door close button	S	LIL AMB	Lift link, Alarm, Mode, Position	O
DOB	Door open button	S	TTC	Through type car	O
DOE	Extended door open time	O	PRC	Priority call with key switch in car	O
SRC	Curtain of light in car	S	PRL	Priority call with key switch in landing	O
ACL C	Accurate releveling, automatic, closed door	S	ATS	Attendant service	S
CCB	Car call backwards	S(FS)	PAD C/O	Parking at pre-defined floor, door closed (or) door open	O
OCL	Operation of car light - automatic	S(FS)			

S - Standard S(FS) - Standard Field Selectable O - Optional Energy saving feature