



KONE 2000

Designed for demanding goods flow

A heavy-duty freight elevator delivering strength, reliability and efficiency for warehouses, factories, hotels, and public transport facilities.

www.kone.com

Dedicated to
People Flow™



Reliable performance, lower operating costs

Make the most of your building space

Compact design helps maximize available space and reduce structural requirements

Keep goods moving

Tailored maintenance and preventive support help minimize downtime.

Reduce operating costs

Use up to 40% less energy and lower running costs.

Built for demanding use

Durable construction delivers reliable performance in demanding, high-usage environments.

KONE 2000 highlights

KONE 2000 (Machine room-less)

Designed for buildings with limited space, our machine room-less freight elevators maximize usable space without compromising on strength or safety.

Load capacity	2000 / 3000 / 5000 kg
Speed	0.5 m/s, 1.0 m/s
Max. travel	30 m (0.5 m/s), 50 m (1.0 m/s)
Max. group size	2
Max. floors	12 (0.5 m/s), 16 (1.0 m/s)

KONE 2000 (Machine room)

Built for durability and seamless operation, our machine room freight elevators support your green building goals while enhancing materials flow.

Load capacity	2000 / 3000 / 5000 kg
Speed	0.5 m/s, 1.0 m/s
Max. travel	30 m (0.5 m/s), 50 m (1.0 m/s)
Max. group size	2
Max. floors	12 (0.5 m/s), 16 (1.0 m/s)

Designed for demanding goods flow

Enhanced safety during every operation

Intelligent obstacle detection helps reduce door-related incidents.

More room for goods

Large transportation space accommodates heavy loads with ease.

Built for demanding environments

Strong, durable car design withstands heavy daily use.

Smooth, stable performance

Low noise and vibration support consistent transportation of people and goods.





Sustainability built for the long term

The KONE 2000 combines efficient technology and durable engineering to reduce energy use, maintenance requirements, and environmental impact over the elevator's lifetime.

Gearless traction machine

Oil-free design reduces maintenance and environmental impact.

Lower energy consumption

Up to 40% lower energy use helps reduce running costs.

Lower lifecycle impact

Fewer consumables and servicing needs improve long-term efficiency.

Reliable support throughout the equipment lifecycle



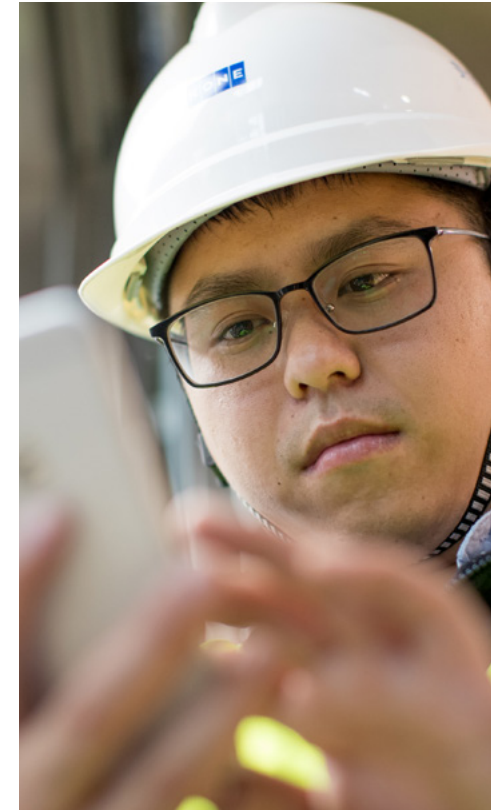
Fast, reliable support

Access a wide network of skilled service professionals for timely response and expert assistance when you need it.



Parts when you need them

Readily available spare parts help minimize downtime and support long-term equipment performance.



Predictable performance

Proactive maintenance reduces breakdowns and supports long-term reliability.

Reliable comfort for today. Confidence for tomorrow.

Flexible decoration to complement building design

Items	Built-in	Option
Car wall	Hairline stainless steel	Painted steel
Car door	Hairline stainless steel	Painted steel
Landing door	Hairline stainless steel	Painted steel
Operating panel	Hairline stainless steel	-
Floor	Patterned steel	-



KDS 220



KDS 300
(KONE 2000 Only)



KDS 200
(KONE 2000 MRL Only)



Electrical function configuration table

● Standard ○ Optional

SECURITY FUNCTIONS

Rescue and fault monitoring		
ASC T	Uplink overspeed protection	●
BFS	Buffer detection	●
BMV R	Resistor braking	●
CCM A	Call in the machine room	●
CDC	Car door detection	●
CDL O	Car door limit	●
CLFM	Car lighting switch	●
COD	Correction run	●
DCD	Door lock detection	●
DOP	No door allowed	●
DSC	Downstream overspeed protection	●
DTS	Run time detection	●
EEC C	Car exit detection	○
EEC S	Shaft exit inspection	○
EMH O	Pit emergency stop	●
EMR	Car roof emergency stop	●
IDJ	Communication evaluation	●
LAF	Stop at a different station	●
LCM A	Machine room outbound calls	●
MAF M	Machine room main switch	●
MOP T	Overheating protection	●
OLP	Trip protection	●
OSG CM	Speed limiter safety switch	●
PAS U	Give priority to release	●
PDD N/R	Phase detection	●
RDC O	Repeatedly opening and closing the door	●
RDF CN	Rescue run	●
SDB	Fault self-diagnosis	●
SGE	Safety gear safety switch	●
TEL	Failure classification	●

TWS C	Car speed limiter rope	●
UCMP	Car accidental movement protection	●
ACU C	Voice comfort	●
Emergency operation		
FID BO	Firefighting deactivated	○
FRD	Firefighting operation	○
LPS VN	Run synchronously	●
Emergency backup power operation		
CEL S	Emergency lighting	●
EBS S	Emergency power supply	●
PEL	Emergency leveling	○
Emergency communications		
ABE C	Car roof alarm bell	○
ISE F	Five-way calling	●

CONTROL FUNCTION

Priority and special service function		
ATS C	Driver function	○
AUD I	Audio interface	○
CTV I	Video interface	○
DOE B	Door opening delay	○
EAQ	Earthquake detection	○
EFC	Energy feedback	○
OSS LC	Floor exit	●
SED WSR	Maintenance operation	●
Idle car allocation		
PAM C	Idle waiting for passengers	●
PAS C	idle waiting for passengers, sub-floor	○
Optimize the traffic flow function		
BLF	Direct drive with full load	●
DUP	Parallel operation	○

INFORMATION FUNCTIONS

Information display outside the car		
CPI LO	Car position, dot matrix	○
CPI LS	Car position, segment code	●
DIA L	Running direction display	●
LAL DN	Arrival light	●
LCL	Outbound call registration display	●
Information display in the car		
CCL	Incoming call display	●
CPI CO	Car position, dot matrix	●
CPI CS	Car position, segment code	●
CRB C	Internal call buzzer	○
DIA C	Running direction display	●
OLF C	Overload reminder	●
Information display		
CIL A	Control cabinet parts labels	●
CPI PS	Location indication	●
DAL GP	Disturbance warning	○
LIL AM	Warning signal	○
SCN N	Start count	●
Remote monitoring screen display		
HES	Community monitoring	○
LIL	BA interface	○

PASSENGER COMFORT FUNCTIONS

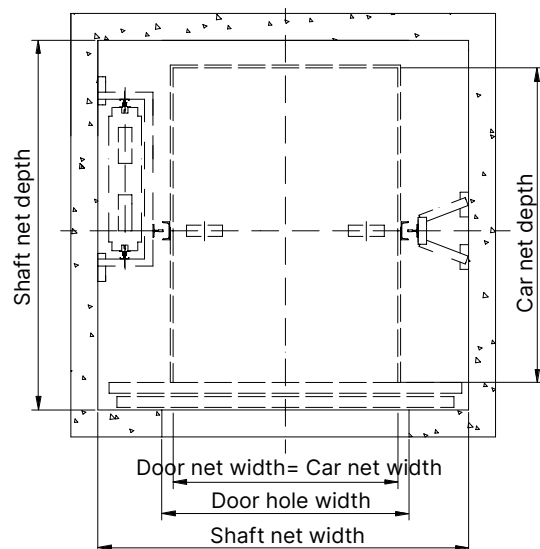
Entering and exiting the car		
ACL B	Precise re-leveling	●
ADO	Open early	●
DCB I	Close the door inside the car	●
DOB OI	Open the door inside the car	●
NDC	Forced to close the door	○

RAA	Start outbound call response	●
REO S	Outbound calls reopen	●
SRC RNC	Light curtain detection	●
Abuse, misuse protection		
CCB	Reverse internal call	●
FCC R	Command elimination	●
FCC C	Internal calls to prevent trouble	●
Ride comfort		
DIR S	Dock directly	●
OCL AF	Car lighting control	○
OCV AF	Car ventilation control	○
STP	start compensation	●

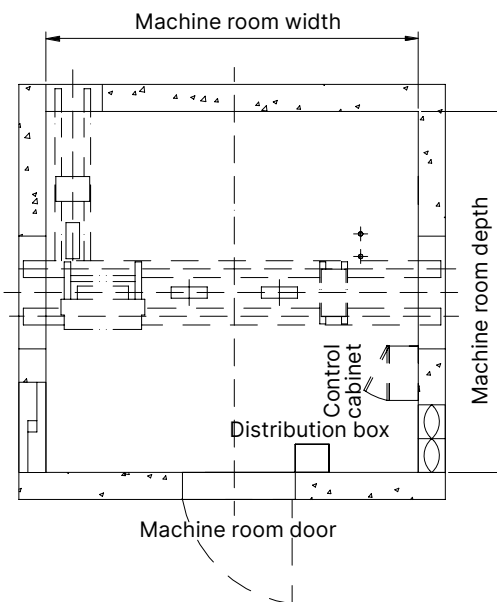
Layout and specification (MR)

* The layout plans on this page are for reference only, please contact the sales team for specific layouts.

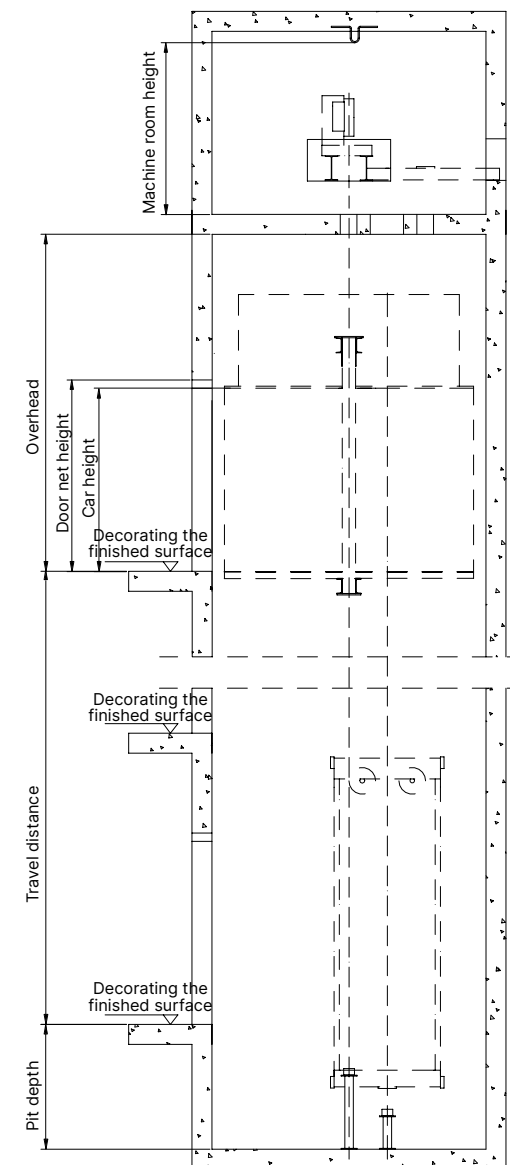
Sectional drawing of the shaft



Sectional drawing of the machine room



Side view of the shaft



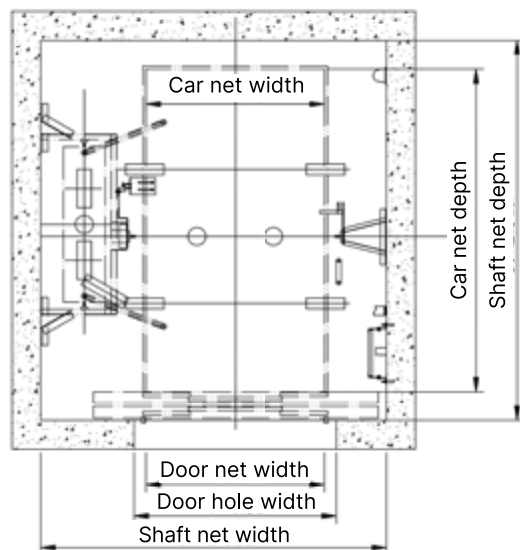
Singel door

Load Capacity (kg)	Speed (m/s)	Max. number of stops	Max. travel distance (m)	Car width (mm)	Car depth (mm)	Car height (mm)	Door size (mm)	Shaft width (mm)	Shaft depth (mm)	Overhead (mm)	Pit depth (mm)	Machine room height (mm)	Classification of loads
2000	0.5	12	30	1500	2700	2200	1500×2200	2600	3100	4000	1400	2100	A
	1.0	16	50	1500	2700	2200	1500×2200	2600	3100	4050	1400	2100	A
3000	0.5	12	30	2000	2800	2200	2000×2200	3300	3200	4000	1400	2100	A
	0.5	12	30	2000	2800	2200	2000×2200	3300	3200	4350	1400	2100	C
	1.0	16	50	2000	2800	2200	2000×2200	3300	3200	4050	1400	2100	A
5000	0.5	12	30	2400	3600	2400	2400×2400	4000	4000	4300	1500	2500	C
	1.0	16	50	2400	3600	2400	2400×2400	4000	4000	4350	1500	2500	C

Layout and specification (MRL)

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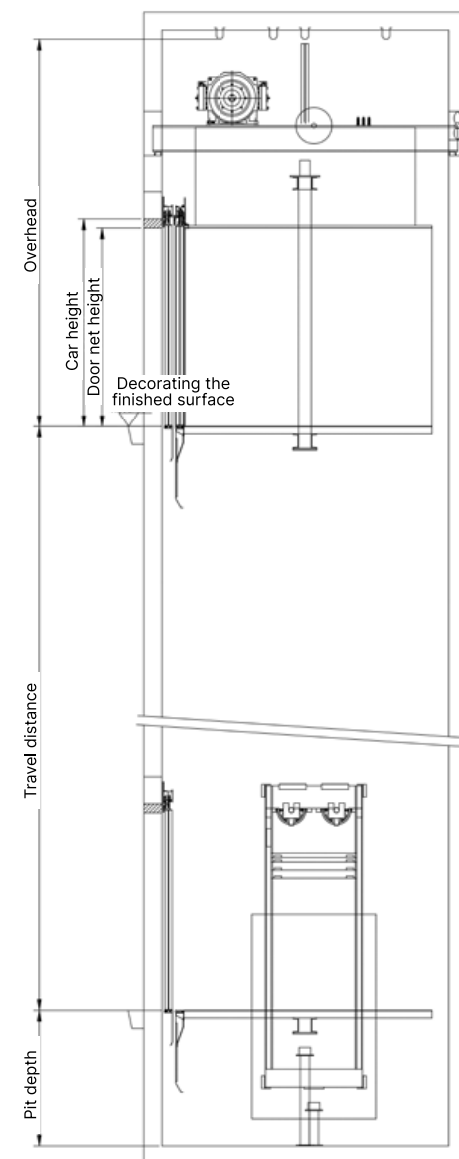
Sectional drawing of the shaft



Singel door

Load Capacity (kg)	Speed (m/s)	Max. number of stops	Max. travel distance (m)	Car width (mm)	Car depth (mm)	Car height (mm)	Door size (mm)	Shaft width (mm)	Shaft depth (mm)	Overhead (mm)	Pit depth (mm)	Classification of loads
2000	0.5	12	30	1500	2700	2200	1500×2200	2730	3100	4300	1500	A
	1.0	16	50	1500	2700	2200	1500×2200	2730	3100	4300	1500	A
3000	0.5	12	30	2000	2800	2200	2000×2200	3672	3200	4400	1500	A
	1.0	16	50	2000	2800	2200	2000×2200	3672	3200	4400	1500	C
5000	0.5	12	30	2400	3600	2400	2400×2400	4300	4000	4700	1700	C
	1.0	16	50	2400	3600	2400	2400×2400	4300	4000	4700	1700	C

Side view of the shaft





KONE provides innovative and eco-efficient solutions for elevators, escalators, automatic building doors 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. KONE is a global leader in managing the smooth flow of people and goods throughout buildings. This makes us a reliable partner throughout the life cycle of buildings. We are fast, flexible, and we have a well-deserved reputation as a technology leader, with such innovations as KONE 24/7 Connected Services and KONE UltraRope®. KONE employs over 63,000 dedicated experts to serve you globally and locally.

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