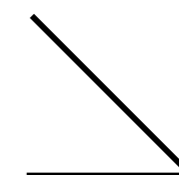


zeta300
RISE ABOVE
THE REST

TK ELEVATOR
MOVES PEOPLE -
THE FUTURE OF
URBAN MOBILITY





zeta300 rise above the rest

A high-performance, high-speed elevator designed to meet the complex demands of high-rise buildings, zeta300 offers full customization capability to enhance prestigious structures and realize your unique vision.



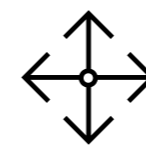
Realizes your vision

High performance and German engineering make zeta300 the ideal high-speed solution for your high-rise commercial project.



Tailored to your needs

Combining intelligent systems and advanced management functions, zeta300 is the tailored passenger transportation system that your building needs.



Gives a unique perspective

Every outstanding building needs outstanding design. zeta300 cabin customization gives designers the freedom to achieve something truly unique.

DESIGNED FOR

- Commercial buildings
- Hotels

SPECIFICATIONS

- Max. travel height: $\leq 350\text{m}$
- Max. number of floors: ≤ 60
- Rated load: 2,000kg
- Rated speed: $\leq 8.0\text{m/s}$



zeta300
RISE
ABOVE
THE REST

Realizes your vision

Specified to enhance high-end buildings

Designed to accommodate the diverse demands of the high-end, high-speed, high-rise market segment, zeta300 meets complex customization requirements with peerless specifications and engineering excellence.



Renowned German engineering

Founded on a long history of German engineering quality and innovation, over the years TK Elevator has grown into one of the world's leading elevator companies. Driven to address the modern challenges of urbanization and efficiency, we have pioneered unique technologies including many 'industry first' products such as our TWIN and MULTI concepts.

zeta300 builds upon this heritage to realize your vision.



Tailored to your needs

Intelligent efficiency

Intuitive AGILE destination control (DSC) intelligently assigns passengers to elevators, reducing waiting and traveling time by 25%, while increasing capacity by 30%. Smart kiosks and fixtures further enhance passenger satisfaction and complement your building design.

Traveling time
REDUCED

25%

Capacity
INCREASED

30%



Enhance your building's security

AGILE smoothly interfaces with building security systems to secure elevator access.

Optimize building operations

Monitor, control and schedule units from anywhere and at any time using INSIGHT, our web-enabled management solution. With additional features ranging from live video to in-depth performance analysis reporting, INSIGHT enables building management to keep on top of their elevator operations, wherever they are located.

Enrich the passenger experience

Use the AGILE design center to endlessly customize kiosks and delight tenants with tailored messages. Once on board, in-car displays combine elevator status with programmable multi-media content to enhance every journey.

Gives a unique perspective

Customized designs beyond trends

Engineered with a generous decoration weight and higher car height, zeta300 offers the scope to fully customize every cabin.

Whether the application is a luxury hotel or high traffic, high-rise building, together we can freely choose materials and finishes; and customize cabin shapes, sizes, and heights to ensure that each car is as unique as your vision.

TK Elevator provides the strong technical foundation to realize your project and with zeta300, a customized design solution that is only limited by your imagination.



VARIETY
OF CHOICE

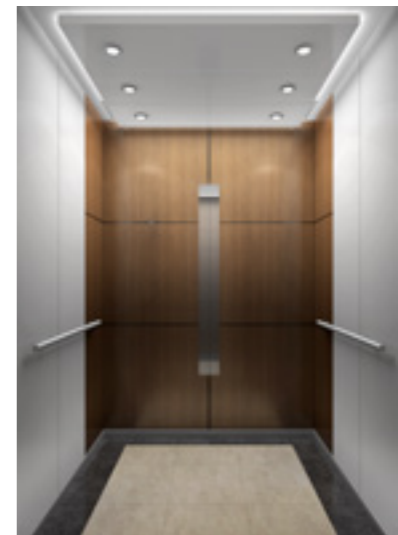
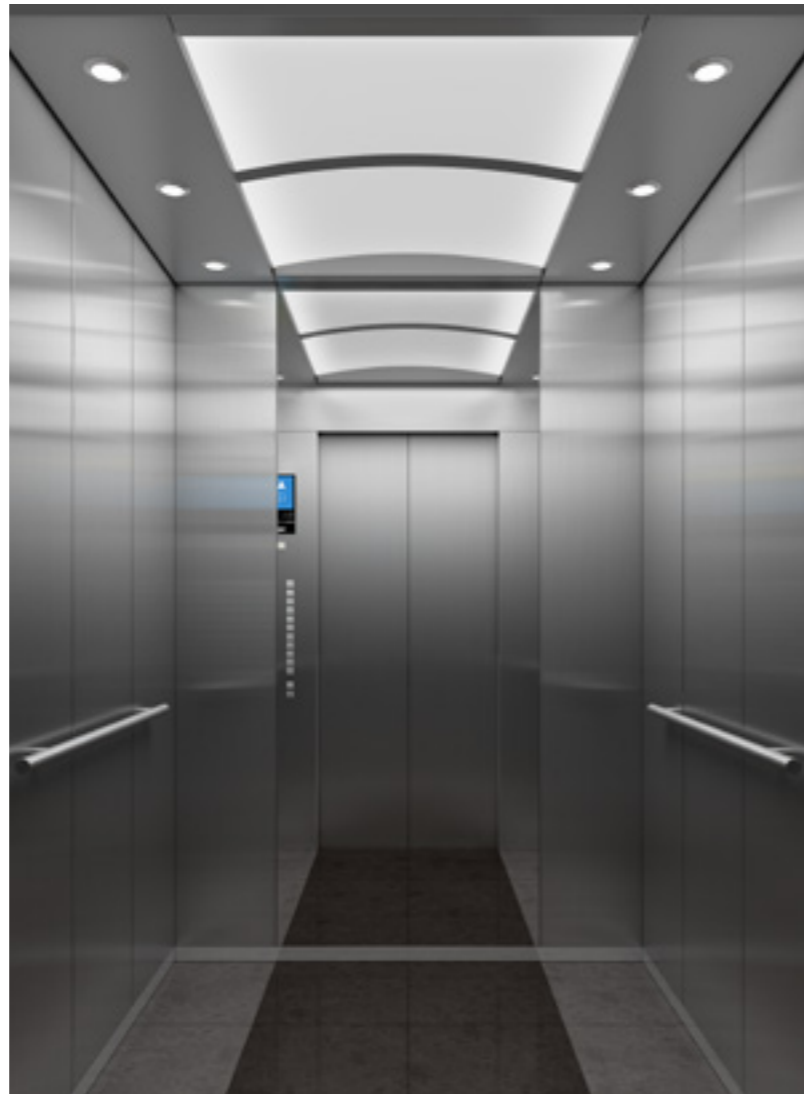
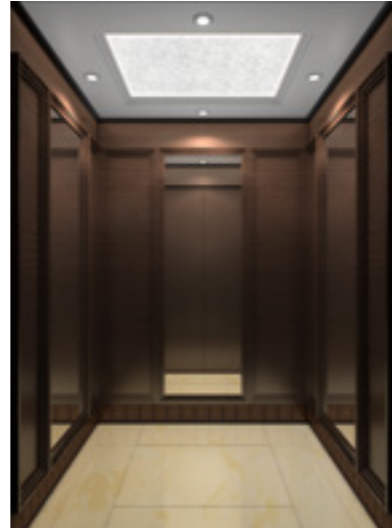
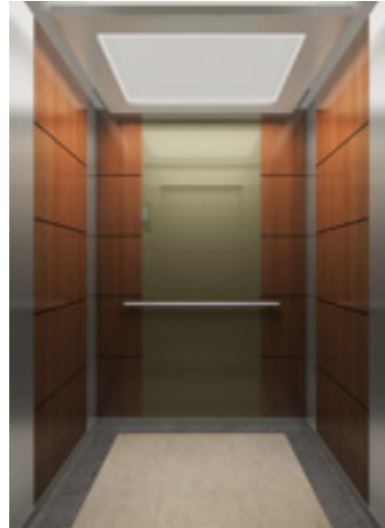
STRONG
PARTNER

NEAT
CABIN BUILT

Countless cabin designs

Turn your elevators into a focal point of your building or let them integrate seamlessly into the internal environment. Either way, zeta300 can be configured for luxurious or functional applications.

Be inspired by these design trends, carefully curated by our team – but please don't let them limit you!



REFERENCE PROJECTS



- 1 Shanghai Financial World Centre, Shanghai, China
- 2 Jin Wan Square, Tian Jin, China
- 3 Lihe Centre, ZhongShan, China
- 4 Jinling Hotel, Nanjing, China
- 5 Kunming Plaza, Kunming, China
- 6 UNIXX, Pattaya, Thailand

YOUR INNOVATION PARTNER

elevators and escalators in service

countries serviced

1,200,000 100+

employees

50,000+

service available for customers

locations

24/7 1,000+

service technicians

24,000+



WWW.TKELEVATOR.COM

FUNCTION LIST (MACHINEROOM)

CATEGORY	NO.	FUNCTION	STANDARD / OPTION
Enhanced Car Functions	1	Door reopen by following landing call at same landing	S
	2	Collective selective control	S
	3	Full-load non-stop	S
	4	Onward travel to the next stop in the case of a non-opening door	S
	5	Anti-nuisance "limit number of car call when empty load"	S
	6	Anti-nuisance "car call cancellation at terminal landing"	S
	7	Anti-nuisance "car call deletion opposite to travel direction"	S
	8	Adjustable waiting time for opening door at the main landing	S
	9	Adjustable speed and torque of door operator	S
	10	Re-leveling	S
	11	Energy saving operation for car light and fan	S
	12	Elevator start-up loading weighting compensation function	S
	13	In advance door open	O
	14	Changing fire landing	O
	15	Changing parking landing	O
	16	Changing main landing	O
	17	Main landing return	O
	Safety and Emergency Functions	18	Door nudging
19		Landing to the nearest floor in case of problem (eg. motor overheat, car position missing)	S
20		Fire emergency return (FER)	S
21		Alarm button & intercom button	S
22		Emergency car lighting	S
23		Overload protect	S
24		Repeat door closing in the event of lock failure	S
25		Door overload protect	S
26		Safety curtain for door	S
27		Parking (by key switch)	S
28		Phase failure and phase reversal protection	S
29		Lockable main switch integrated for controller cabinet	S
30		Emergency electrical operation	S
31		Inspection operation	S
32		Traction machine overheat supervision	S
33		Traction machine skidding protection	S
34		Prepared fire emergency return signal	S
35		Unintended car movement protection	S
36		Restrict the opening of the car door inside the car	S
37		Brake torque detection function	S
38		Emergency operation for electrical brake release	S
39		Main COP attendance	S
40		Fireman service	O
41		Door lock bypass function	O
42		Automatic rescue operation	S
43		Earthquake function (sensors by customer)	O
44		Earthquake function (including sensors)	O
45		Emergency power operation (generator by customer)	O

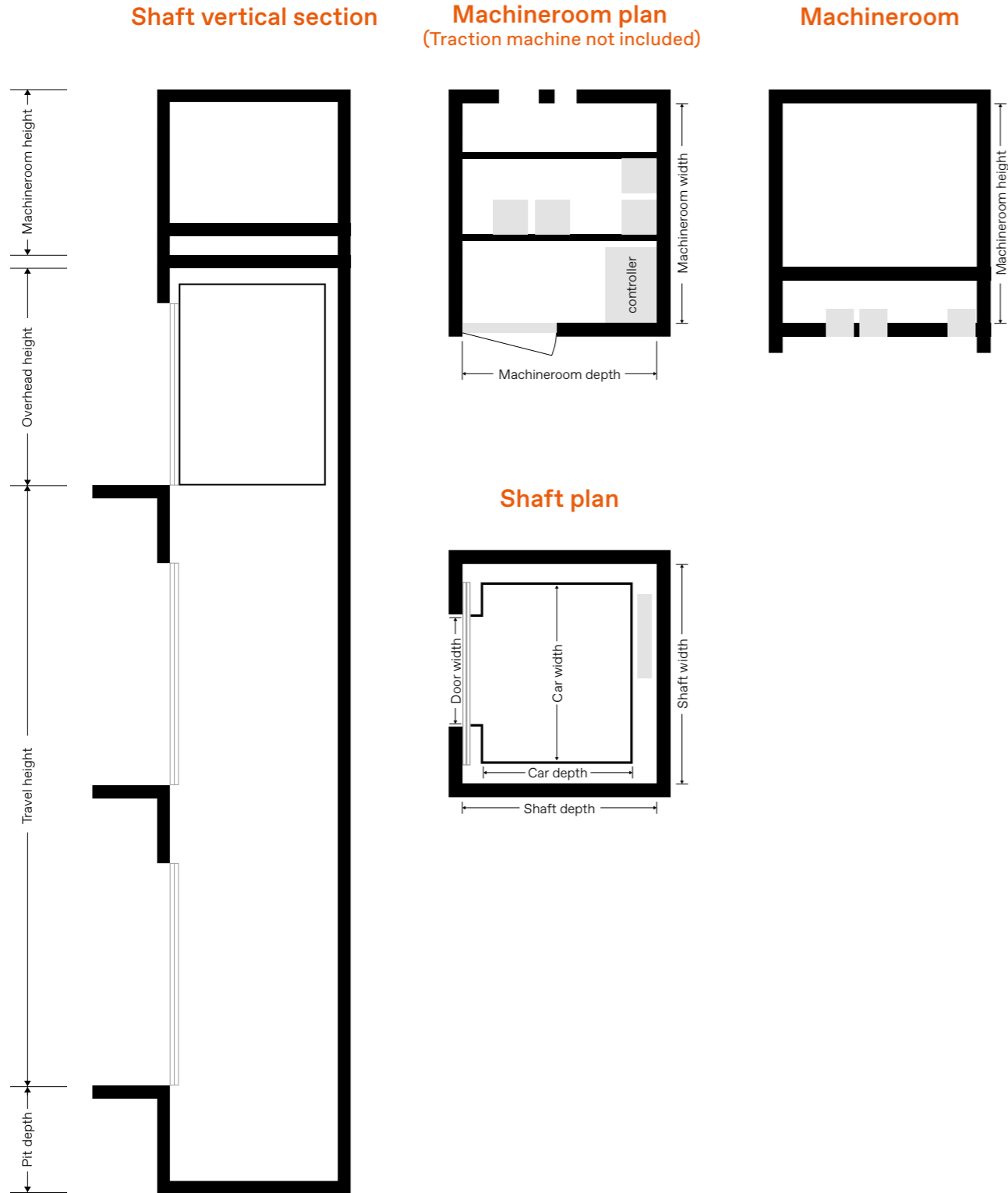
FUNCTION LIST (MACHINEROOM)

CATEGORY	NO.	FUNCTION	STANDARD / OPTION
Safety and Emergency Functions	46	Top of car emergency exit	O
	47	3D safety curtain	O
	48	Automatic doors	S
	49	Collective fault signal	S
Trip Functions	50	Operation counter (trip and hour)	S
	51	Car priority	S
	52	Through door	S
	53	Selective door (only in through car and second COP case)	O
	54	Fire detector operation (fire alarm sensor by others)	O
	55	Special trip (landing priority) by key switch	O
	56	Blocking of landings (switch/timer)	O
	57	Car reader operate car call (instead of push button)	O
	58	Door close button	S
	59	Door open button	S
Human Machine Interface	60	Car call cancellation (by double press)	S
	61	Landing indicator of dot-matrix (red)	S
	62	Car indicator of dot-matrix (red)	O
	63	Landing indicator of 4.3" blue-white segment LCD	O
	64	Car indicator of 5.7" blue-white segment LCD	O
	65	Car indicator of 7.6" blue-white segment LCD	S
	66	Car indicator of TFT LCD	O
	67	Car arrival chime	O
	68	Landing arrival chime	O
	69	Speech synthesis service	O
Monitoring and Tele-Service	70	Second COP (excluding car attendant and intercom)	O
	71	COP for disabled persons (no indicator, braille, push button as standard)	O
	72	Contactless card reader	O
	73	Intercom system	O
	74	Travelling cable (including video transmission function)	O
	75	BAS interface function (dry contactor signal)	O
	76	Color video camera (in car)	O
	77	Remote monitor interfacing (excluding MH2 board)	O
	78	Remote monitor interfacing (including MH2 board, without modem)	O
	79	Supervision panel (cable by other, cable length ≤150m)	O
Group/Duplex Control	80	Build automation interfacing (RS232, MM board)	O
	81	Build automation interfacing (RS485, MMC board)	O
	82	Lift monitoring system (excluding computer & printer)	O
	83	Group control (max. 8 units)	O
	84	Automatically allocate lower load elevator to responselanding call in group	O
	85	Continued group/duplex operation in case of failure of the other elevator	O
	86	Peak service function (only for group control)	O
	87	Taking units out of group (timer/switch)	O

* S - Standard; O - Option

LAYOUT (MACHINEROOM)

1-2.5M/S



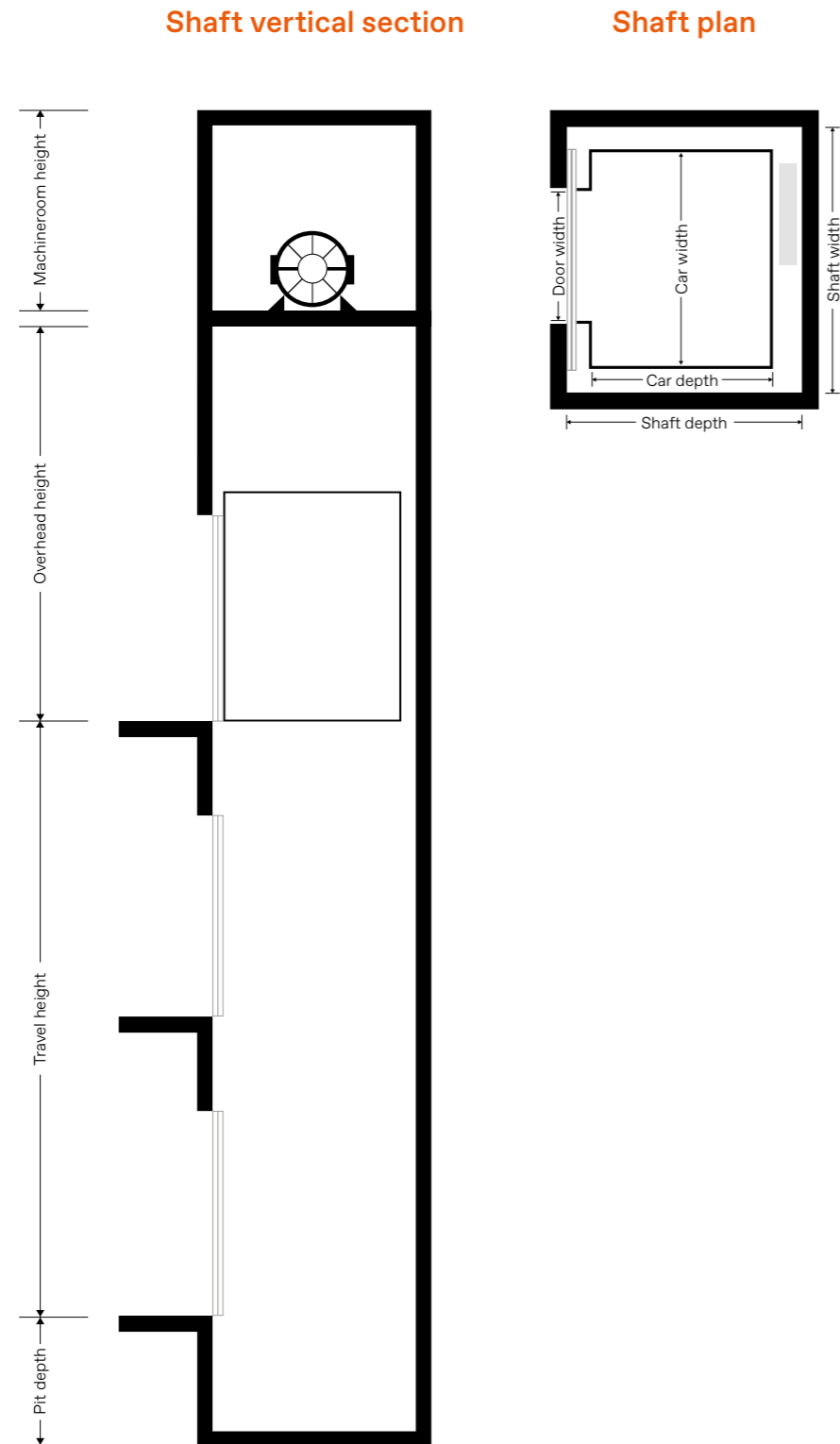
TECHNICAL SPECIFICATIONS (MACHINEROOM)

1-2.5M/S

RATED LOAD (KG)	RATED SPEED (M/S)	MAX. TRAVEL HEIGHT (M)	MAX. NUMBER OF FLOORS	DOOR SIZE (DW × DH) (MM)	CAR SIZE (CW × CD × CH) (MM)	SHAFT SIZE (SW × SD) (MM)
630	1.0	55	18	800 × 2100	1100 × 1400 × 2400	1800 × 2000
	1.5	75	26			
	1.6	85	30			
	1.75	85	30			
800	1.0	50	17	800 × 2100	1350 × 1400 × 2400	1900 × 2000
	1.5	75	26			
	1.6	75	26			
	1.75	90	31			
	2.0	110	32			
1000	2.5	125	32	900 × 2100	1600 × 1400 × 2400	2150 × 2000
	1.0	50	17			
	1.5	75	26			
	1.6	75	26			
	1.75	90	31			
1150	2.0	110	32	1100 × 2100	1800 × 1400 × 2400	2350 × 2000
	2.5	125	32			
	1.0	50	17			
	1.5	75	26			
	1.6	75	26			
1250	1.75	90	31	1100 × 2100	2000 × 1450 × 2400	2450 × 2170
	2.0	110	32			
	2.5	125	32			
	1.0	50	17			
	1.5	75	26			
1350	1.6	75	26	1100 × 2100	2000 × 1550 × 2400	2450 × 2270
	1.75	90	31			
	2.0	110	32			
	2.5	125	32			
	1.0	50	17			
1600	1.5	75	26	1100 × 2100	2000 × 1750 × 2400	2450 × 2470
	1.6	75	26			
	1.75	90	31			
	2.0	110	32			
	2.5	125	32			
1800	1.0	50	17	1100 × 2100	1950 × 1900 × 2400	2400 × 2700
	1.5	80	26			
	1.6	100	26			
	1.75	120	31			
	2.0	135	32			
2000	1.0	50	17	1100 × 2100	2000 × 2000 × 2400	2450 × 2800
	1.5	80	26			
	1.6	100	26			
	1.75	120	31			
	2.0	135	32			

MIN. OVERHEAD HEIGHT & MIN. PIT DEPTH

RATED SPEED (M/S)	MIN. OVERHEAD HEIGHT (MM)				MIN. PIT DEPTH (MM)			
	630KG	800-1150KG	1250-1600KG	1800-2000KG	630KG	800-1150KG	1250-1600KG	1800-2000KG
1.0	3800	3800	4100	4050 (1800kg) 4150 (2000kg)	1250	1250	1300	1800
1.5	3900	3900	4400	/	1300	1300	1400	/
1.6	3900	3900	4450	4200	1300	1300	1400	1850
1.75	3950	3950	4500	4250	1300	1300	1400	1900
2.0	/	4040	4550	4450	/	1350	1400	1950
2.5	/	4750	4750	4650	/	1750	1750	2100



3-6M/S

RATED LOAD (KG)	RATED SPEED (M/S)	MAX. TRAVEL HEIGHT (M)	MAX. NUMBER OF FLOORS	DOOR SIZE (DW × DH) (MM)	CAR SIZE (CW × CD × CH) (MM)	SHAFT SIZE (SW × SD) (MM)
1000	3.0	200	60	900 × 2100	1600 × 1400 × 2400	2150 × 2200
	3.5	200	60			
	4.0	200	60			
	5.0	200	60			
	5.0	200 < TH ≤ 250	79		1600 × 1400 × 3000	2200 × 2300
1150	6.0	250	79	1100 × 2100	1800 × 1400 × 2400	2400 × 2200
	3.0	200	60			
	3.5	200	60			
	4.0	200	60			
	5.0	200	79		1800 × 1400 × 3000	2400 × 2300
1250	5.0	200 < TH ≤ 250	79	1100 × 2100	1950 × 1400 × 2400	2550 × 2200
	6.0	250	79			
	3.0	200	60			
	3.5	200	60			
	4.0	200	60		1950 × 1400 × 3000	2550 × 2300
1350	5.0	200	79	1100 × 2100	1950 × 1500 × 2400	2550 × 2300
	5.0	200 < TH ≤ 250	79			
	6.0	250	79			
	6.0	200 < TH ≤ 250	79		1950 × 1500 × 3000	2550 × 2400
	6.0	200 < TH ≤ 250	79		2600 × 2400	2600 × 2400
1600	3.0	200	60	1100 × 2100	1950 × 1750 × 2400	2550 × 2550
	3.5	200	60			
	4.0	200	60			
	5.0	200	79		1950 × 1750 × 3000	2600 × 2650
	5.0	200 < TH ≤ 250	79		2650 × 2650	2600 × 2600
1800	6.0	250	79	1100 × 2100	1950 × 1900 × 3000	2550 × 2700
	6.0	200 < TH ≤ 250	79			
	3.0	200	60			
	3.5	200	60			
	4.0	200	60		2650 × 2850	2650 × 2850
2000	5.0	250	79	1100 × 2100	2000 × 2000 × 3000	2600 × 2800
	5.0	200 < TH ≤ 250	79			
	6.0	250	79		2700 × 2950	2700 × 2950
	6.0	200 < TH ≤ 250	79			

*Please contact local branch if speed needs to be adjusted to 6.0m/s or above.

MIN. OVERHEAD HEIGHT & MIN. PIT DEPTH

RATED SPEED (M/S)	MIN. OVERHEAD HEIGHT (MM)			MIN. PIT DEPTH (MM)	
	CH = 2400 1000-1600KG	CH = 3000 1000-1600KG	CH = 3000 1800-2000KG	1000-1600KG	1800-2000KG
3.0	5300	5900	5900	3150	3350
3.5	5600	6200	6200	3350	3550
4.0	5950	6550	6550	3800	4050
5.0	/	6200	6200	3600	3600
5.0	/	6400	6400	4000	4000

*Overhead height and pit depth vary according to machine.

FUNCTION LIST (MACHINEROOM)

CATEGORY	NO.	FUNCTION	STANDARD / OPTION
Enhanced Car Functions	1	Door reopen by following landing call at same landing	S
	2	Collective selective control	S
	3	Full-load non-stop	S
	4	Onward travel to the next stop in the case of a non-opening door	S
	5	Anti-nuisance "limit number of car call when empty load"	S
	6	Anti-nuisance "car call cancellation at terminal landing"	S
	7	Anti-nuisance "car call deletion opposite to travel direction"	S
	8	Adjustable waiting time for opening door at the main landing	S
	9	Adjustable speed and torque of door operator	S
	10	Re-leveling	S
	11	Energy saving operation for car light and fan	S
	12	Elevator start-up loading weighting compensation function	S
	13	In advance door open	O
	14	Changing fire landing	O
	15	Changing parking landing	O
	16	Changing main landing	O
	17	Main landing return	O
	18	Door nudging	O
Safety and Emergency Functions	19	Landing to the nearest floor in case of problem (eg. motor overheat, car position missing)	S
	20	Fire emergency return (FER)	S
	21	Alarm button & intercom button	S
	22	Emergency car lighting	S
	23	Overload protect	S
	24	Repeat door closing in the event of lock failure	S
	25	Door overload protect	S
	26	Safety curtain for door	S
	27	Parking (by key switch)	S
	28	Phase failure and phase reversal protection	S
	29	Lockable main switch integrated for controller cabinet	S
	30	Emergency electrical operation	S
	31	Inspection operation	S
	32	Traction machine overheat supervision	S
	33	Traction machine skidding protection	S
	34	Prepared fire emergency return signal	S
	35	Unintended car movement protection	S
	36	Restrict the opening of the car door inside the car	S
	37	Brake torque detection function	S
	38	Emergency operation for electrical brake release	S
	39	Main COP attendance	S
	40	Fireman service	O
	41	Door lock bypass function	O
	42	Automatic rescue operation	S
	43	Earthquake function (sensors by customer)	O
	44	Earthquake function (including sensors)	O
	45	Emergency power operation (generator by customer)	O

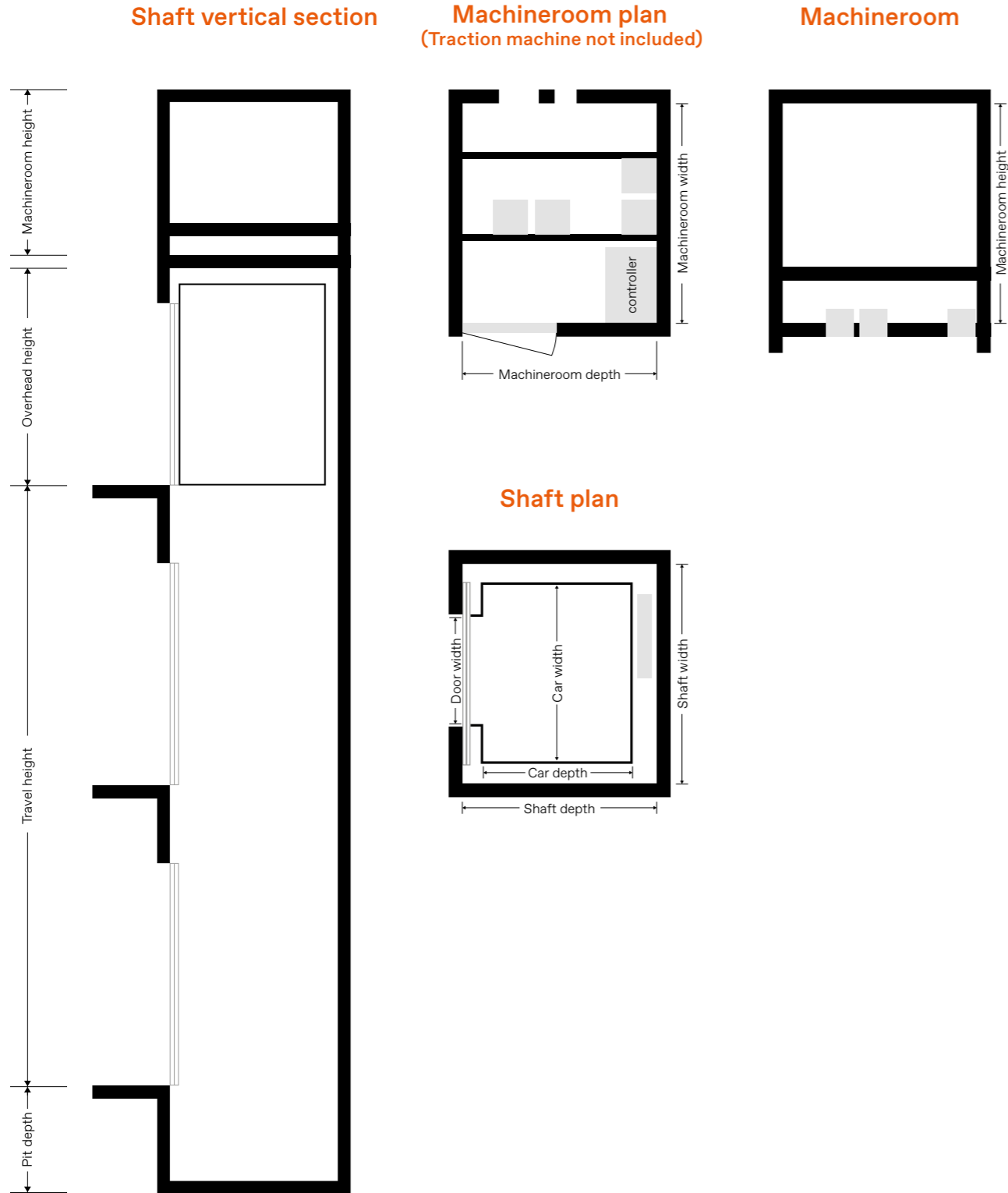
FUNCTION LIST (MACHINEROOM)

CATEGORY	NO.	FUNCTION	STANDARD / OPTION
Safety and Emergency Functions	46	Top of car emergency exit	O
	47	Residual current devices function (RCD function)	S
	48	3D safety curtain	O
	49	Automatic doors	S
	50	Collective fault signal	S
	51	Operation counter (trip and hour)	S
	52	Car priority	S
	53	Through door	O
	54	Selective door (only in through car and second COP case)	O
	Trip Functions	55	Fire detector operation (fire alarm sensor by others)
56		Special trip (landing priority) by key switch	O
57		Blocking of landings (switch/timer)	O
58		Car reader operate car call (instead of push button)	O
59		Door close button	S
60		Door open button	S
61		Car call cancellation (by double press)	S
62		Landing indicator of dot-matrix (red)	S
Human Machine Interface	63	Car indicator of dot-matrix (red)	O
	64	Landing indicator of 4.3" blue-white segment LCD	O
	65	Car indicator of 5.7" blue-white segment LCD	O
	66	Car indicator of 7.6" blue-white segment LCD	S
	67	Car indicator of TFT LCD	O
	68	Car arrival chime	S
	69	Landing arrival chime	O
	70	Speech synthesis service	O
	71	Second COP (excluding car attendant and intercom)	O
	72	COP for disabled persons (no indicator, braille, push button as standard)	O
	73	Contactless card reader	O
	74	Intercom system	S
	75	Travelling cable (including video transmission function)	O
	76	BAS interface function (dry contactor signal)	O
	77	Color video camera (in car)	O
Monitoring and Tele-Service	78	Remote monitor interfacing (excluding MH2 board)	O
	79	Remote monitor interfacing (including MH2 board, without modem)	O
	80	Supervision panel (cable by other, cable length ≤150m)	O
	81	Build automation interfacing (RS232, MM board)	O
	82	Build automation interfacing (RS485, MMC board)	O
	83	Lift monitoring system (excluding computer & printer)	O
Group/Duplex Control	84	Group control (max. 8 units)	O
	85	Automatically allocate lower load elevator to responselanding call in group	O
	86	Continued group/duplex operation in case of failure of the other elevator	O
	87	Peak service function (only for group control)	O
	88	Taking units out of group (timer/switch)	O

* S - Standard; O - Option

LAYOUT (MACHINEROOM)

1-2.5M/S



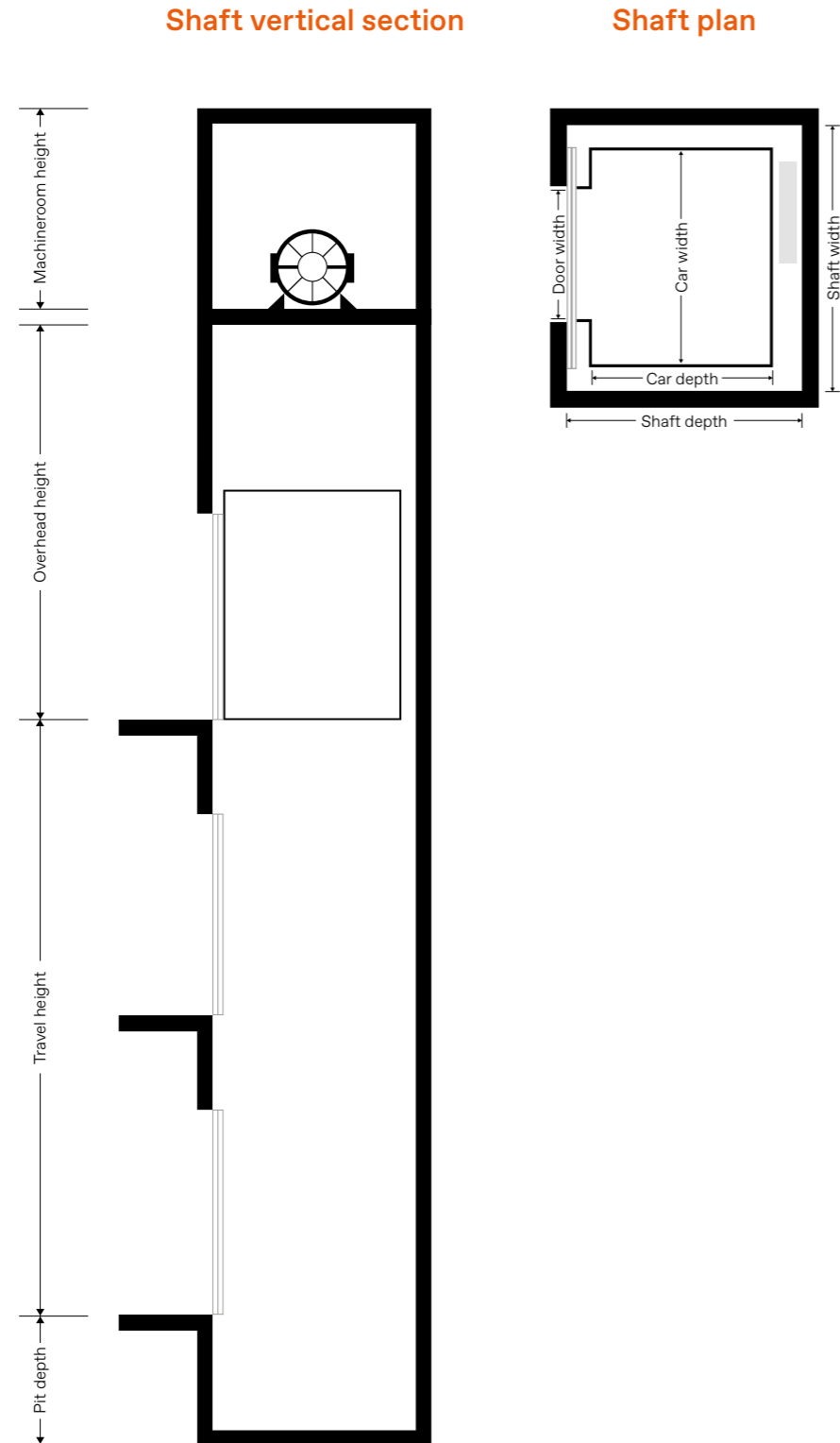
TECHNICAL SPECIFICATIONS (MACHINEROOM)

1-2.5M/S

RATED LOAD (KG)	RATED SPEED (M/S)	MAX. TRAVEL HEIGHT (M)	MAX. NUMBER OF FLOORS	DOOR SIZE (DW × DH) (MM)	CAR SIZE (CW × CD × CH) (MM)	SHAFT SIZE (SW × SD) (MM)
630	1.0	55	18	800 × 2100	1100 × 1400 × 2400	1800 × 2000
	1.5	75	26			
	1.6	85	30			
	1.75	85	30			
800	1.0	50	17	800 × 2100	1350 × 1400 × 2400	1900 × 2000
	1.5	75	26			
	1.6	75	26			
	1.75	90	31			
	2.0	110	32			
1000	2.5	125	32	900 × 2100	1600 × 1400 × 2400	2150 × 2000
	1.0	50	17			
	1.5	75	26			
	1.6	75	26			
	1.75	90	31			
1150	2.0	110	32	1100 × 2100	1800 × 1400 × 2400	2350 × 2000
	2.5	125	32			
	1.0	50	17			
	1.5	75	26			
	1.6	75	26			
1250	1.75	90	31	1100 × 2100	2000 × 1450 × 2400	2450 × 2170
	2.0	110	32			
	2.5	125	32			
	1.0	50	17			
	1.5	75	26			
1350	1.6	75	26	1100 × 2100	2000 × 1550 × 2400	2450 × 2270
	1.75	90	31			
	2.0	110	32			
	2.5	125	32			
	1.0	50	17			
1600	1.5	75	26	1100 × 2100	2000 × 1750 × 2400	2450 × 2470
	1.6	75	26			
	1.75	90	31			
	2.0	110	32			
	2.5	125	32			
1800	1.0	50	17	1100 × 2100	1950 × 1900 × 2400	2400 × 2700
	1.5	80	26			
	1.6	100	26			
	1.75	120	31			
	2.0	135	32			
2000	1.0	50	17	1100 × 2100	2000 × 2000 × 2400	2450 × 2800
	1.5	80	26			
	1.6	100	26			
	1.75	120	31			
	2.0	135	32			

MIN. OVERHEAD HEIGHT & MIN. PIT DEPTH

RATED SPEED (M/S)	MIN. OVERHEAD HEIGHT (MM)				MIN. PIT DEPTH (MM)				
	630KG	800-1150KG	1250-1600KG	1800-2000KG	630KG	800-1150KG	1250KG	1350-1600KG	1800-2000KG
1.0	4200	4100	4350	4200	1600	1600	1650	1300	1800
1.5	4300	4200	4500	/	1650	1650	1750	1400	/
1.6	4300	4200	4550	4350	1650	1650	1750	1400	1850
1.75	4350	4250	4550	4400	1650	1650	1750	1400	1900
2.0	/	4350	4600	4500	/	1750	1800	1400	1950
2.5	/	4750	4850	4700	/	1950	1950	1750	2100



3-6M/S

RATED LOAD (KG)	RATED SPEED (M/S)	MAX. TRAVEL HEIGHT (M)	MAX. NUMBER OF FLOORS	DOOR SIZE (DW × DH) (MM)	CAR SIZE (CW × CD × CH) (MM)	SHAFT SIZE (SW × SD) (MM)
1000	3.0	200	60	900 × 2100	1600 × 1400 × 2400	2150 × 2200
	3.5	200	60			
	4.0	200	60			
	5.0	200	60		1600 × 1400 × 3000	2200 × 2300
	5.0	200 < TH ≤ 250	79			
1150	6.0	250	79	1100 × 2100	1800 × 1400 × 2400	2400 × 2200
	3.0	200	60			
	3.5	200	60			
	4.0	200	60			
	5.0	200	79		1800 × 1400 × 3000	2400 × 2300
5.0	200 < TH ≤ 250	79				
1250	6.0	250	79	1100 × 2100	1950 × 1400 × 2400	2550 × 2200
	3.0	200	60			
	3.5	200	60			
	4.0	200	60			
	5.0	200	79		1950 × 1400 × 3000	2550 × 2300
5.0	200 < TH ≤ 250	79				
1350	6.0	250	79	1100 × 2100	1950 × 1500 × 2400	2550 × 2300
	3.0	200	60			
	3.5	200	60			
	4.0	200	60			
	5.0	200	79		1950 × 1500 × 3000	2550 × 2400
5.0	200 < TH ≤ 250	79				
1600	6.0	250	79	1100 × 2100	1950 × 1750 × 2400	2550 × 2550
	6.0	200 < TH ≤ 250	79			
	3.0	200	60			
	3.5	200	60			
	4.0	200	60		1950 × 1750 × 3000	2600 × 2650
5.0	200 < TH ≤ 250	79				
1800	6.0	250	79	1100 × 2100	1950 × 1900 × 3000	2550 × 2700
	6.0	200 < TH ≤ 250	79			
	3.0	200	60			
	3.5	200	60			
	4.0	200	60		2650 × 2850	
5.0	250	79				
2000	6.0	250	79	1100 × 2100	2000 × 2000 × 3000	2600 × 2800
	3.0	200	60			
	3.5	200	60			
	4.0	200	60		2700 × 2950	
5.0	250	79				
	6.0	250	79			

*Please contact local branch if speed needs to be adjusted to 6.0m/s or above.

MIN. OVERHEAD HEIGHT & MIN. PIT DEPTH

RATED SPEED (M/S)	MIN. OVERHEAD HEIGHT (MM)			MIN. PIT DEPTH (MM)	
	CH = 2400 1000-1600KG	CH = 3000 1000-1600KG	CH = 3000 1800-2000KG	1000-1600KG	1800-2000KG
3.0	5300	5900	5900	3100	3350
3.5	5600	6200	6200	3350	3550
4.0	5950	6550	6550	3800	4050
5.0	/	6200	6200	3600	3600
5.0	/	6500	6500	4000	4000

*Overhead height and pit depth vary according to machine.