

IHI PARKING SYSTEM

LEXEL PARKING SYSTEM CATALOGUE



Edition 4

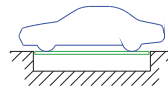
IHI ASIA PACIFIC (Thailand) Co., Ltd.

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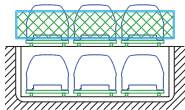
Multi-Story PARKING LINEUP

Turning Device

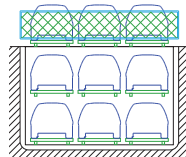


T.T

Vertical Type (With Pit)

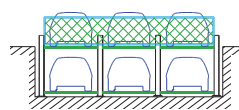


LT2

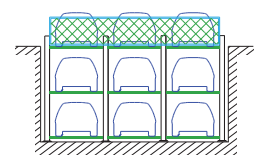


LT3

Vertical (Hydraulic) Type (With Pit)

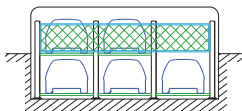


P2FC

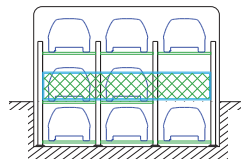


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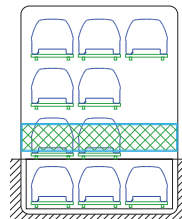
Vertical and Horizontal Type (Single Underground Layer)



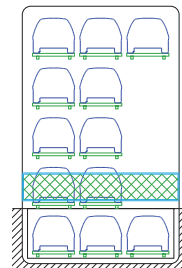
LZ11



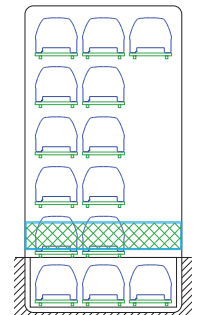
LZ21



LZ31

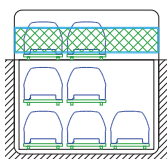


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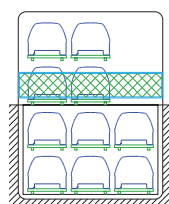


LZ51

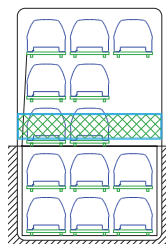
Vertical and Horizontal Type (Double Underground Layers)



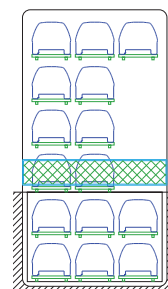
T12B



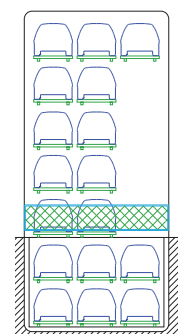
LZ22



LZ32

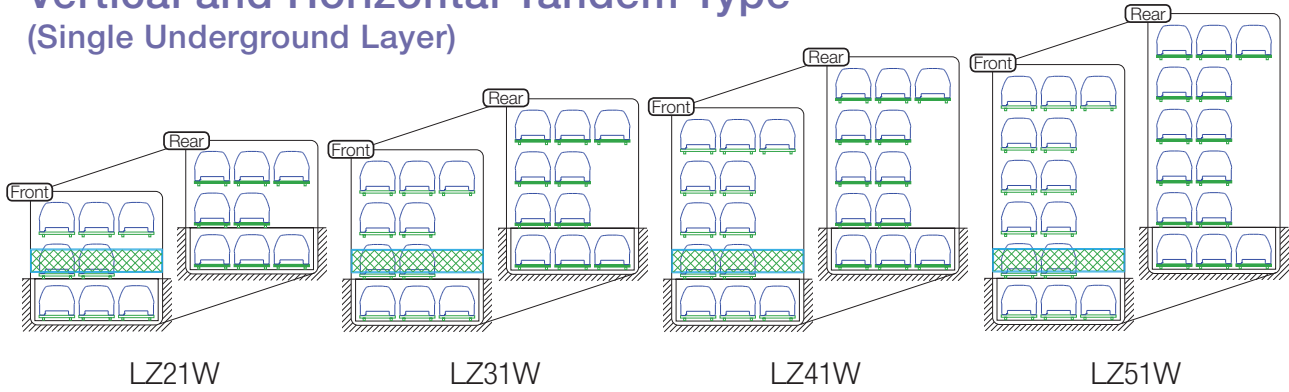


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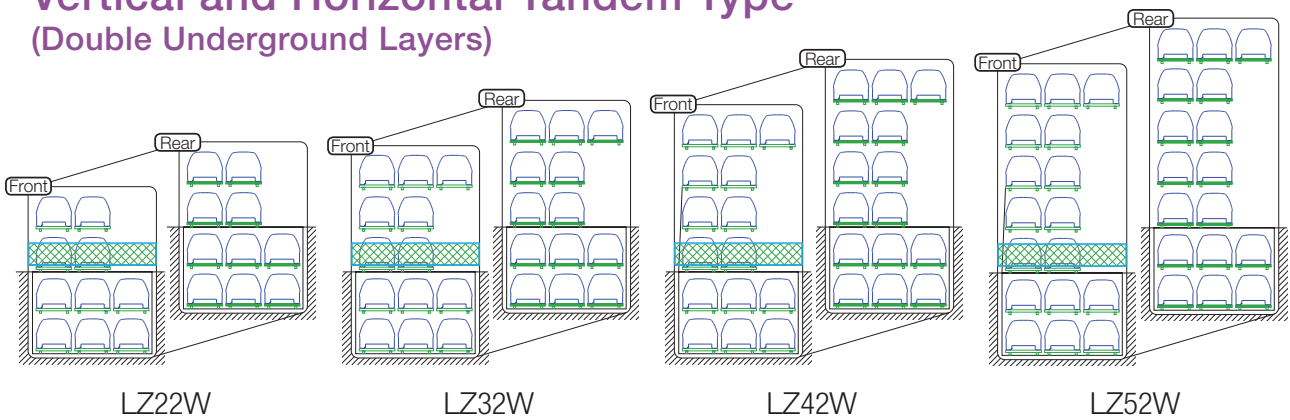


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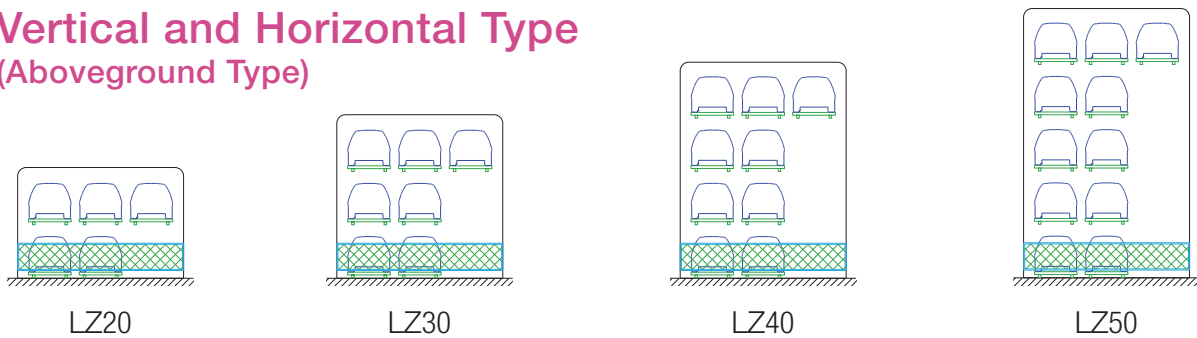
Vertical and Horizontal Tandem Type (Single Underground Layer)



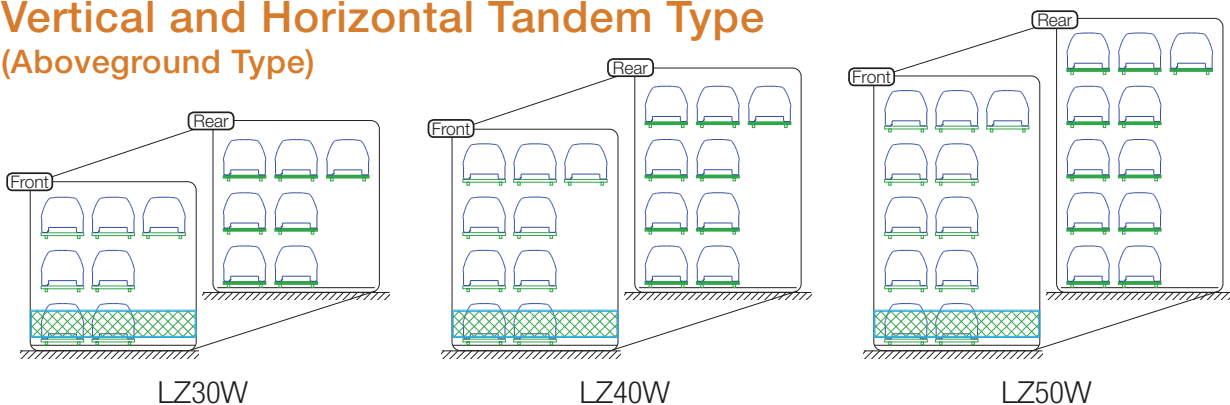
Vertical and Horizontal Tandem Type (Double Underground Layers)

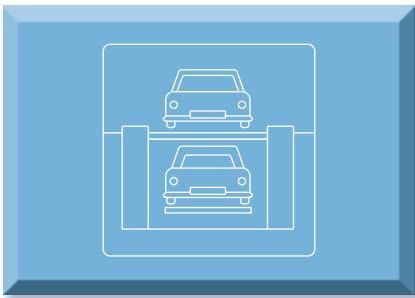


Vertical and Horizontal Type (Aboveground Type)



Vertical and Horizontal Tandem Type (Aboveground Type)





LT2

Functions / Features

Front auto gate

Intruder detection sensor

Safety hooks

Vehicle length sensor at entry

Touch-type operation panel

Adjacent pallet interlock

Noise-reduced motor

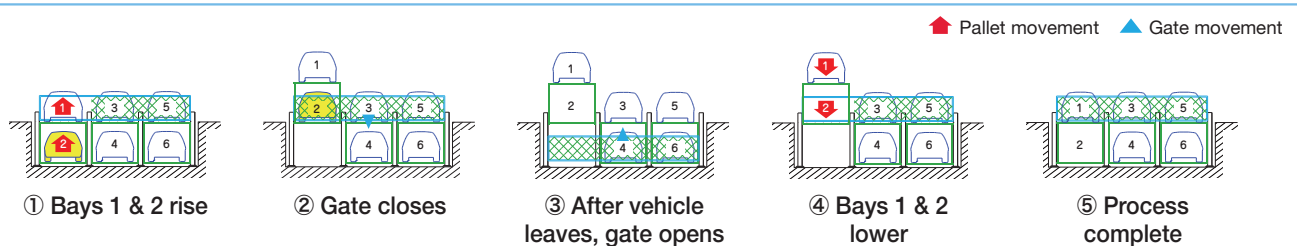
Electronic for on/off

Galvanized finishing

Accommodates minivans



System Movement <Retrieval of vehicle parked on "Bay 2">



Standard Specifications

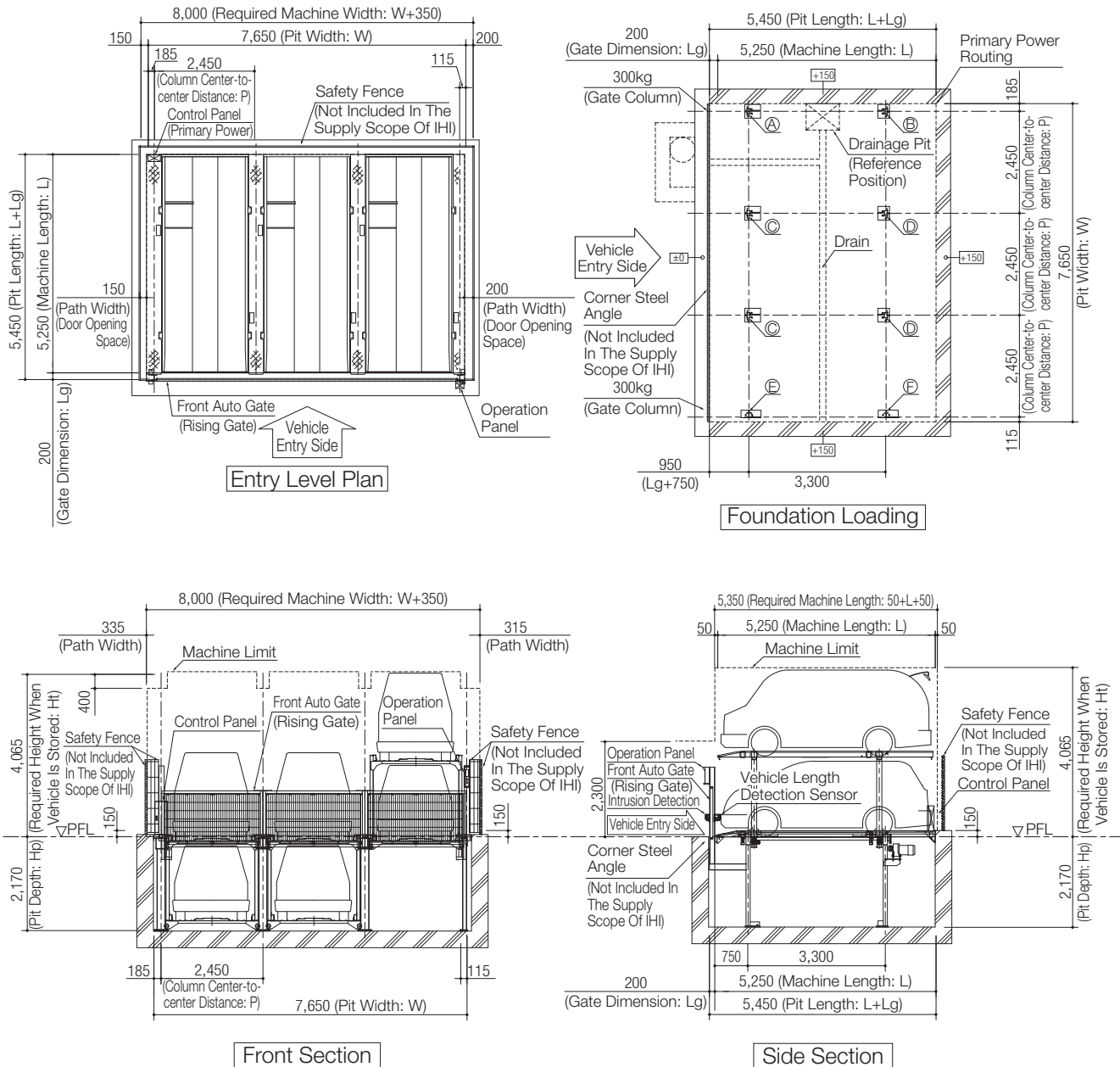
Motor	Lifting	2.2 kW Geared Motor with Brake unit	Power Supply	3 ϕ	5.0 kVA
	Front Gate	0.2 kW Geared Motor with Brake unit		1 ϕ	1.0 kVA

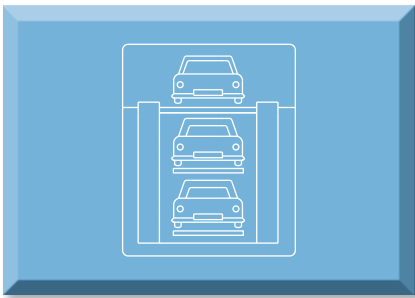
LT2 - Dimensions Table

	S	M	L	Mm	MG	MH
Maximum Length (mm)	4,700	5,050	5,300	5,050	5,050	5,050
Maximum Width (mm)	1,700	1,850	1,950	1,850	1,850	1,850
Maximum Height (mm)	1F	2,100	2,100	1,550	2,100	2,100
	B1	1,550	1,550	1,550	1,800	2,000
Maximum Weight (kg)	1,700	2,000	2,300	2,000	2,000	2,000
Machine Length : L (mm)	4,900	5,250	5,500	5,250	5,250	5,250
Gate Dimension : Lg (mm)	550	550	550	550	200	200
Column Center-to-center Distance : P (mm)	2,350	2,450	2,550	2,450	2,450	2,450
Pit Width : W (mm)	P x no. of rows + 300	P x no. of rows + 300	P x no. of rows + 300	P x no. of rows + 300	P x no. of rows + 300	P x no. of rows + 300
Pit Depth : Hp (mm)	1,920	1,920	1,920	1,920	2,170	2,370
Required Height : Ht (mm)	3,815	3,815	3,815	3,265	4,065	4,265
Loading Data (kg)	A, E	2,050	2,200	2,350	2,200	2,200
	B, F	2,050	2,200	2,350	2,200	2,200
	C/D	3,900	4,200	4,350	4,200	4,200

LT2 – Reference Drawing

* Dimensions in the drawing below represent dimensions for "MG" size.





LT3

Functions / Features

Front auto gate

Intruder detection sensor

Safety hooks

Vehicle length sensor at entry

Touch-type operation panel

Adjacent pallet interlock

Noise-reduced motor

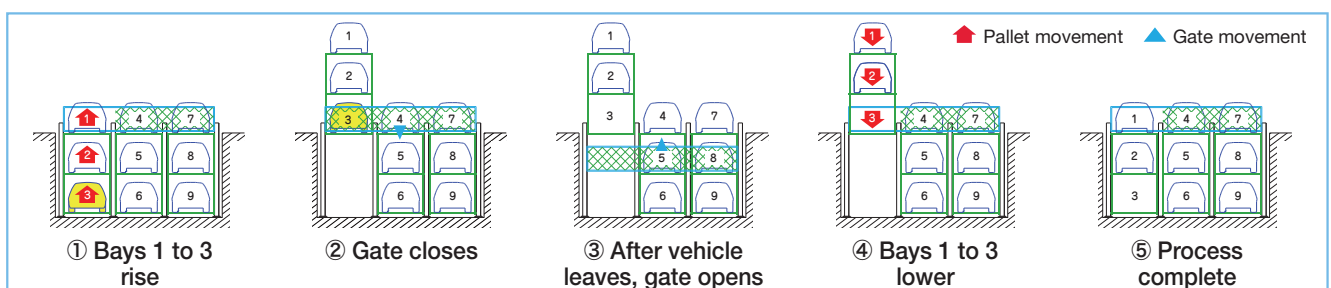
Electronic for on/off

Galvanized finishing

Accommodates minivans



System Movement <Retrieval of vehicle parked on "Bay 3">



Standard Specifications

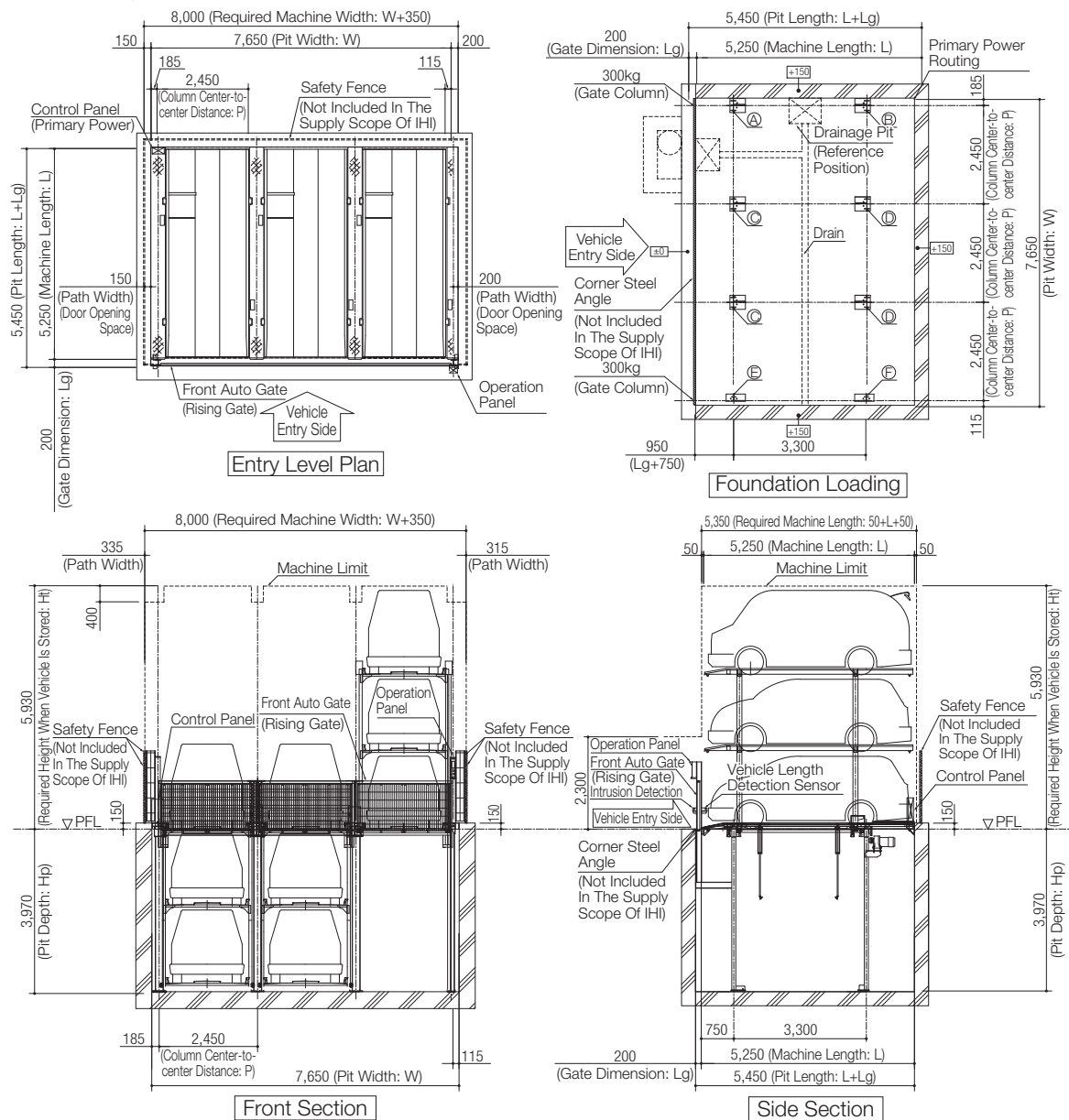
Motor	Lifting	3.7 kW Geared Motor with Brake unit	Power Supply	3 ϕ	7.5 kVA
	Front Gate	0.2 kW Geared Motor with Brake unit		1 ϕ	1.0 kVA

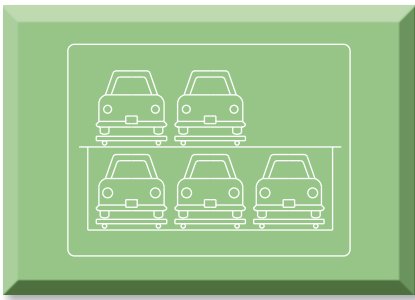
LT3 - Dimensions Table

		S	M	L	Mm	MH I D	M8	MH
Maximum Length (mm)		4,700	5,050	5,300	5,050	5,050	5,050	5,050
Maximum Width (mm)		1,700	1,850	1,950	1,850	1,850	1,850	1,850
Maximum Height (mm)	1F	2,100	2,100	2,100	1,550	2,100	2,100	2,100
	B1	1,550	1,550	1,550	1,550	1,550	1,750	2,000
	B2	1,550	1,550	1,550	1,550	2,000	1,750	2,000
Maximum Weight (kg)		1,700	2,000	2,300	2,000	2,000	2,000	2,000
Machine Length : L (mm)		4,900	5,250	5,500	5,250	5,250	5,250	5,250
Gate Dimension : Lg (mm)		550	550	550	550	550	200	200
Column Center-to-center Distance : P (mm)		2,350	2,450	2,550	2,450	2,450	2,450	2,450
Pit Width : W (mm)	P x no. of rows + 300	P x no. of rows + 300	P x no. of rows + 300	P x no. of rows + 300	P x no. of rows + 300	P x no. of rows + 300	P x no. of rows + 300	P x no. of rows + 300
Pit Depth : Hp (mm)		3,570	3,570	3,570	3,570	4,020	3,970	4,470
Required Height : Ht (mm)		5,480	5,480	5,480	4,930	5,930	5,930	6,380
Loading Data (kg)	A, E	2,300	2,550	2,800	2,550	2,550	2,550	2,550
	B, F	2,300	2,550	2,800	2,550	2,550	2,550	2,550
	C/D	4,500	5,000	5,500	5,000	5,000	5,000	5,000

LT3 - Reference Drawing

* Dimensions in the drawing below represent dimensions for "M8" size.





LZ11

Functions / Features

Front auto gate

Intruder detection sensor

Safety hooks

Vehicle length sensor at entry

Noise-reduced motor

Inverter control

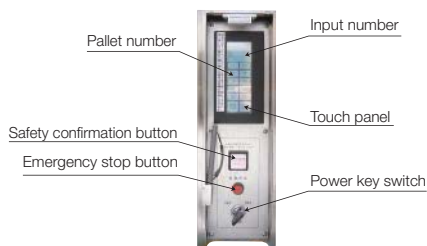
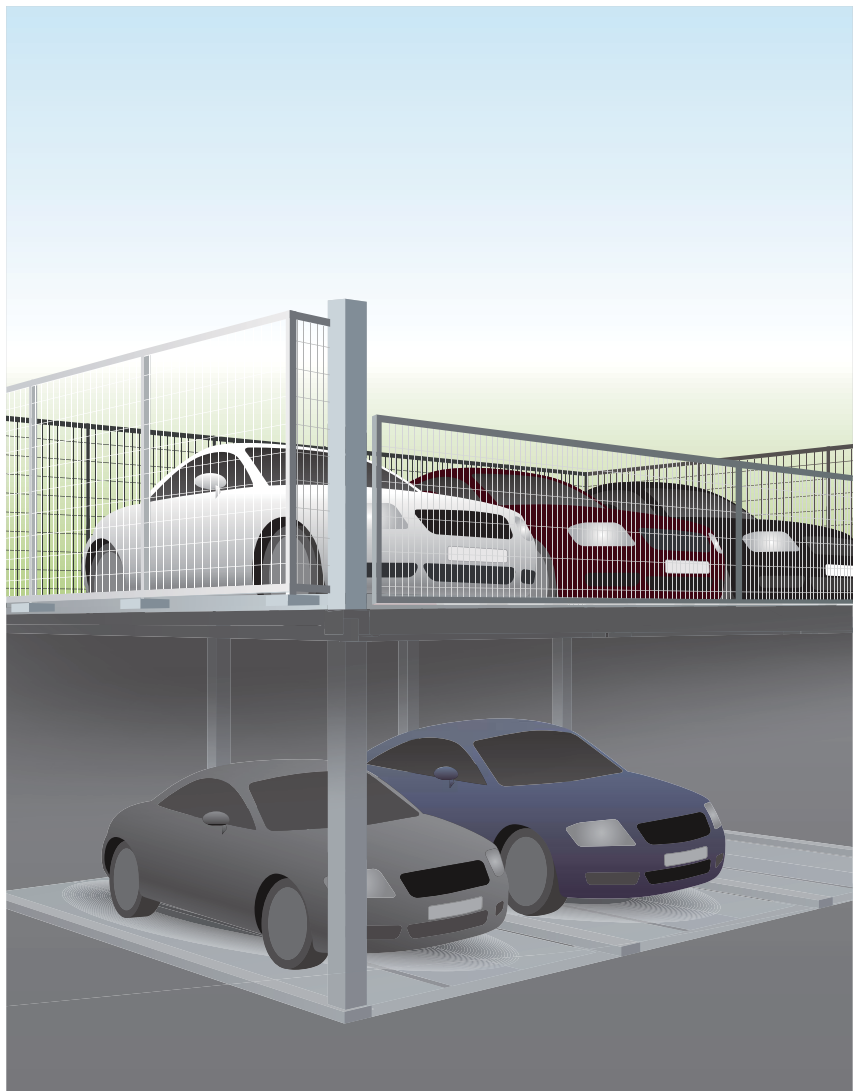
Noise-reduced wheels

Touch-type operation panel

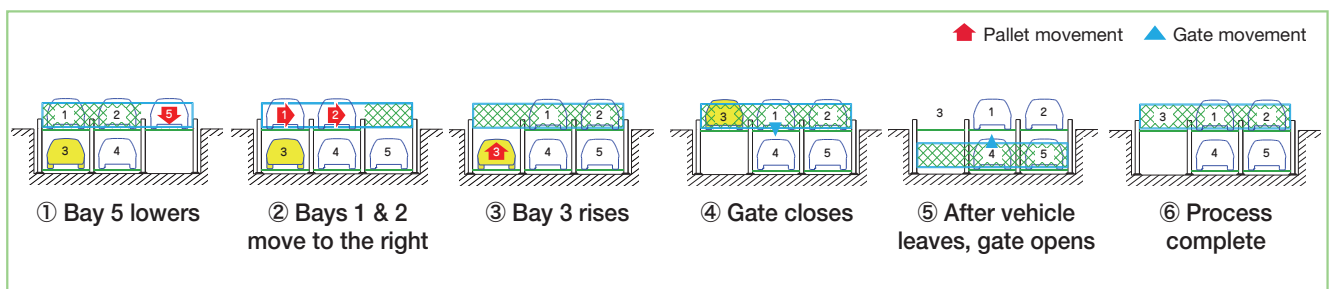
Electronic for on/off

Galvanized finishing

Accommodates minivans



System Movement <Retrieval of vehicle parked on "Bay 3">



Standard Specifications

Motor	Lifting	2.2 kW Geared Motor with Brake unit
	Traversing	0.2 kW Geared Motor with Brake unit
	Front Gate	0.2 kW Geared Motor with Brake unit

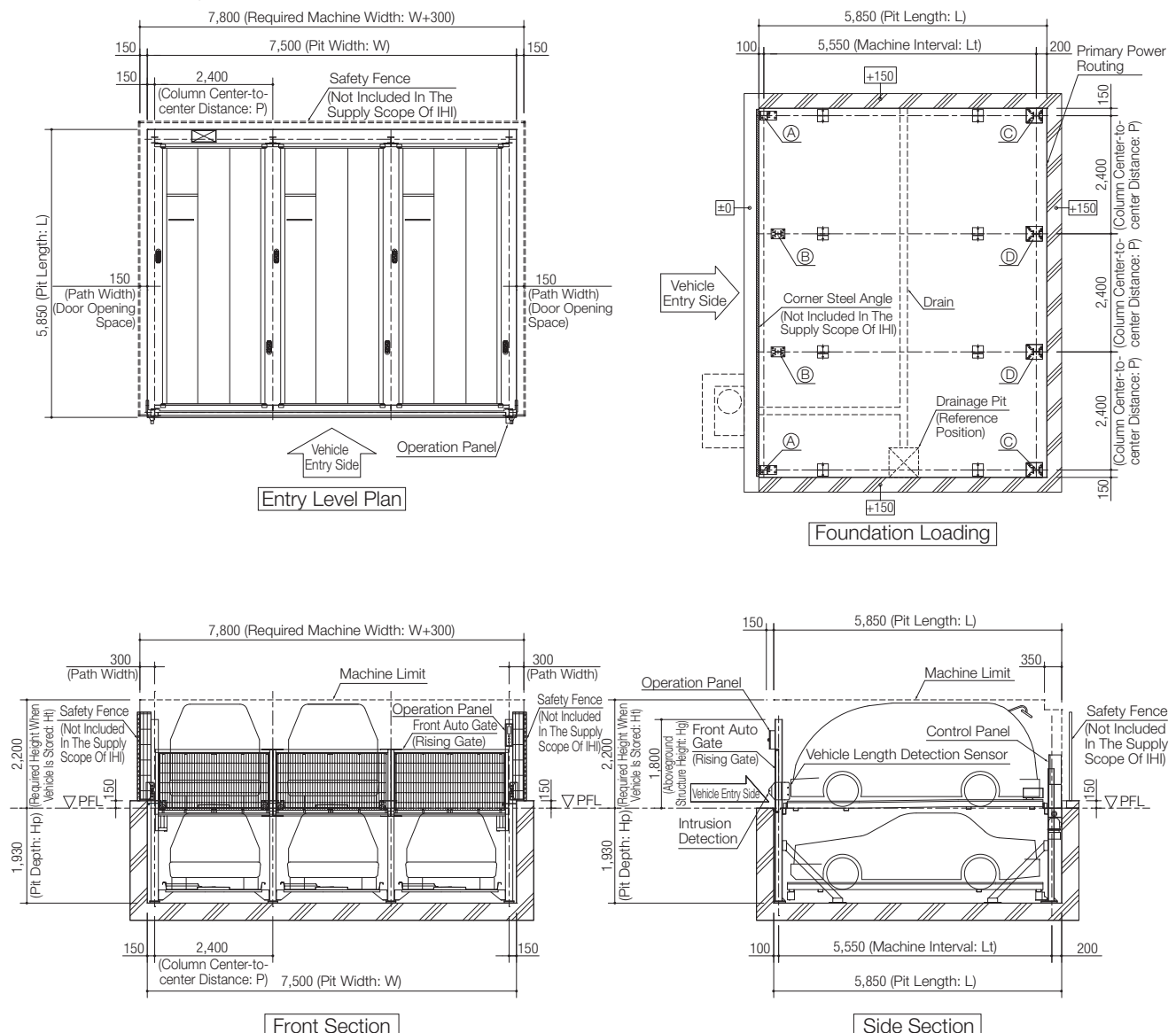
Power Supply	3 ϕ	5.0 kVA
	1 ϕ	1.0 kVA

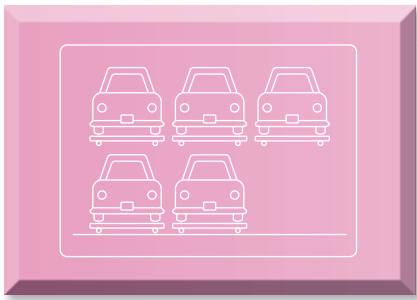
LZ11 - Dimensions Table

		S	M	L	Mm	MH
Accepted Maximum Vehicle Size	Maximum Length (mm)	4,700	5,050	5,300	5,050	5,050
	Maximum Width (mm)	1,700	1,850	1,950	1,850	1,850
	Maximum Height (mm)	1F	2,100	2,100	1,900	2,100
		B1	1,550	1,550	1,550	2,100
	Maximum Weight (kg)	1,700	2,000	2,300	2,000	2,000
Machine Dimension Requirement	Pit Length : L (mm)	5,500	5,850	6,100	5,850	5,850
	Machine Interval : Lt (mm)	5,200	5,550	5,800	5,550	5,550
	Column Center-to-center Distance : P (mm)	2,300	2,400	2,500	2,400	2,400
	Pit Width : W (mm)	P x no. of rows + 300	P x no. of rows + 300	P x no. of rows + 300	P x no. of rows + 300	P x no. of rows + 300
	Pit Depth : Hp (mm)	1,930	1,930	1,930	1,930	2,480
	Required Height : Ht (mm)	2,200	2,200	2,200	2,000	2,200
	Aboveground Structure Height : Hg (mm)	1,800	1,800	1,800	1,800	1,800
	Structure Height : Hk (mm)	3,730	3,730	3,730	3,730	4,280
Loading Data	A (kg)	1,650	1,800	2,000	1,800	1,800
	B (kg)	3,250	3,600	4,000	3,600	3,600

LZ11 – Reference Drawing

* Dimensions in the drawing below represent dimensions for "M" size.





LZ20

Functions and Features

Front auto gate

Intruder detection sensor

Safety hooks

Vehicle length sensor at entry

Noise-reduced motor

Inverter control

Noise-reduced wheels

Touch-type operation panel

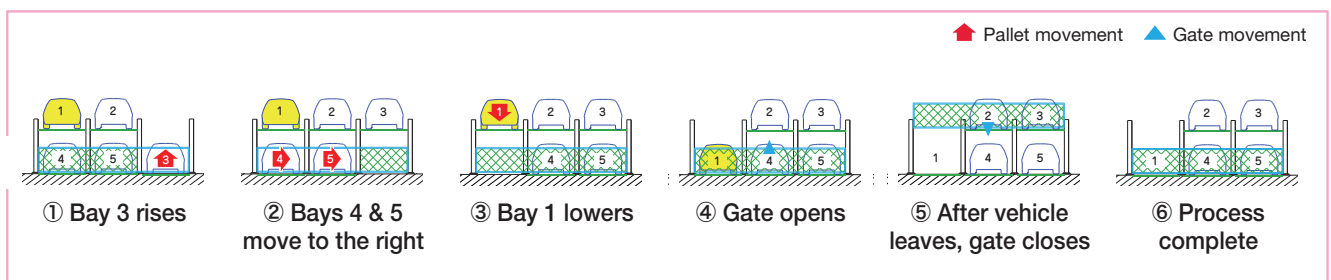
Electronic for on/off

Galvanized finishing

Accommodates minivans



System Movement <Retrieval of vehicle parked on "Bay 1">



Standard Specifications

Motor	Lifting	2.2 kW Geared Motor with Brake unit
	Traversing	0.2 kW Geared Motor with Brake unit
	Front Gate	0.2 kW Geared Motor with Brake unit

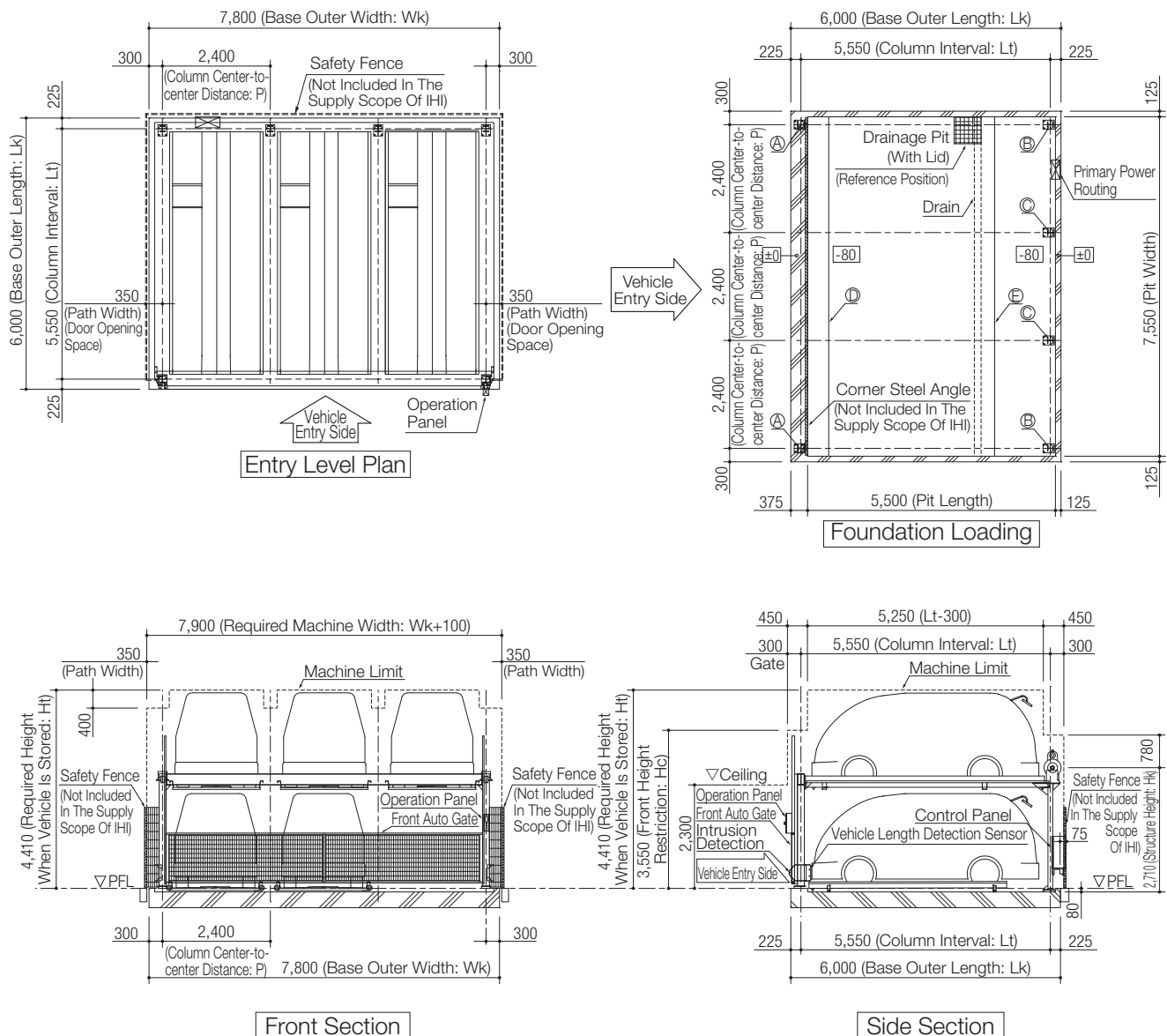
Power Supply	3 ϕ	5.0 kVA
	1 ϕ	1.0 kVA

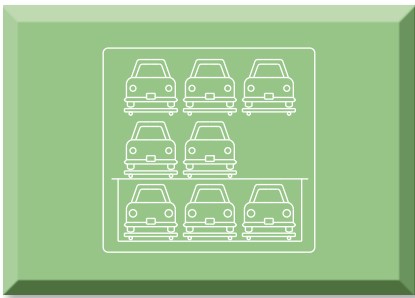
LZ20 - Dimensions Table

		S	M	L	Mm
Accepted Maximum Vehicle Size	Maximum Length (mm)	4,700	5,050	5,300	5,050
	Maximum Width (mm)	1,700	1,850	1,950	1,850
	Maximum Height (mm)	2F	2,100	2,100	1,550
		1F	2,100	2,100	1,900
	Maximum Weight (kg)	2F	1,700	2,000	2,000
		1F	1,700	2,200	2,200
Machine Dimension Requirement	Base Outer Length : Lk (mm)	5,650	6,000	6,250	6,000
	Column Interval : Lt (mm)	5,200	5,550	5,800	5,550
	Column Center-to-center Distance : P (mm)	2,300	2,400	2,500	2,400
	Base Outer Width : Wk (mm)	P x no. of rows + 600	P x no. of rows + 600	P x no. of rows + 600	P x no. of rows + 600
	Required Height : Ht (mm)	4,410	4,410	4,410	3,660
	Structure Height : Hk (mm)	2,710	2,710	2,710	2,510
	Front Height Restriction : Hc (mm)	3,550	3,550	3,550	3,350
Loading Data	A (kg)	3,150	3,150	3,150	3,150
	B/C (kg)	1,050/2,100	1,050/2,100	1,050/2,100	1,050/2,100
	D/E (kg/m)	760/550	760/550	760/550	760/550

LZ20 - Reference Drawing

* Dimensions in the drawing below represent dimensions for "M" size.





LZ21

Functions / Features

Front auto gate

Intruder detection sensor

Safety hooks

Vehicle length sensor at entry

Noise-reduced motor

Inverter control

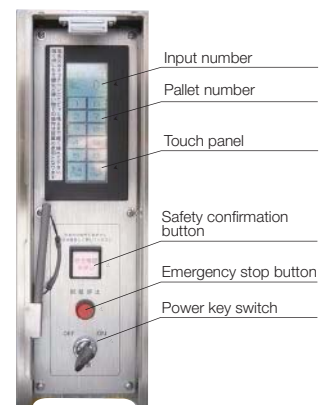
Noise-reduced wheels

Touch-type operation panel

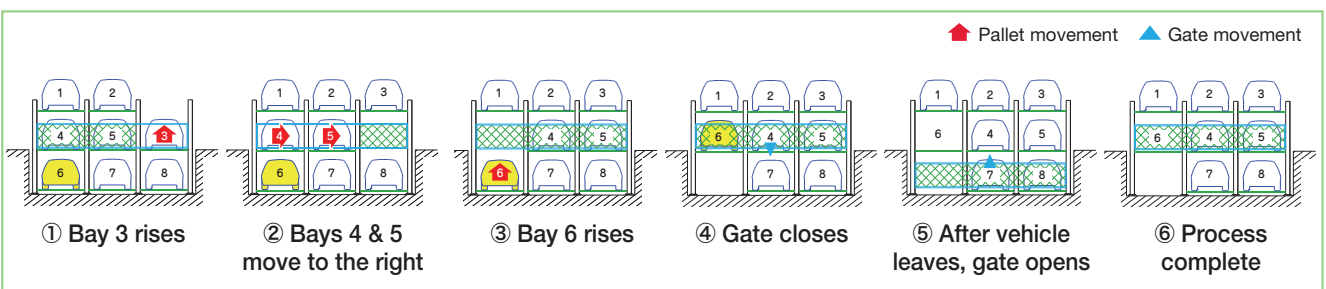
Electronic for on/off

Galvanized finishing

Accommodates minivans



System Movement <Retrieval of vehicle parked on "Bay 6">



Standard Specifications

Motor	Lifting	2.2 kW Geared Motor with Brake unit
	Traversing	0.2 kW Geared Motor with Brake unit
	Front Gate	0.2 kW Geared Motor with Brake unit

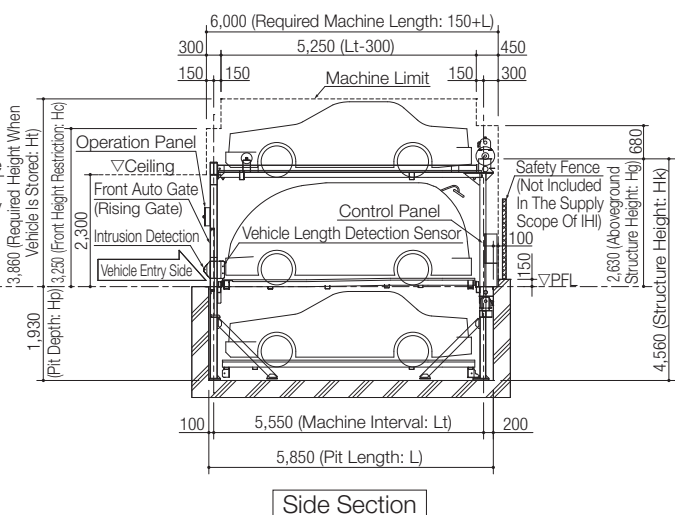
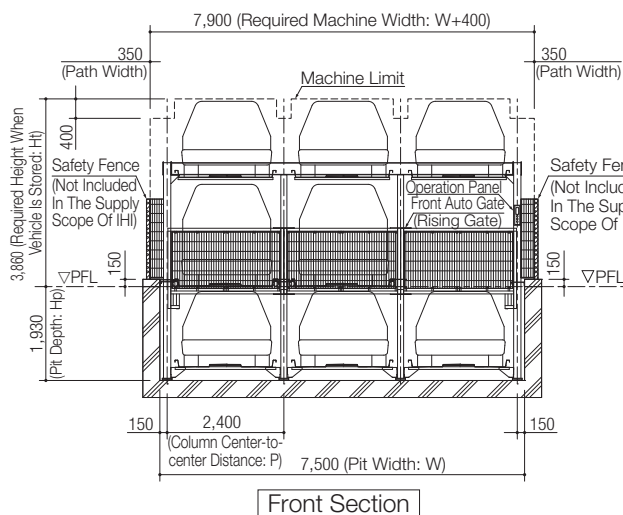
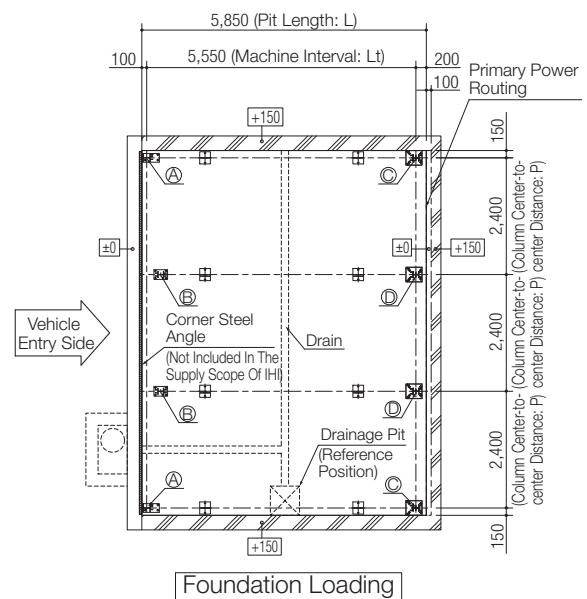
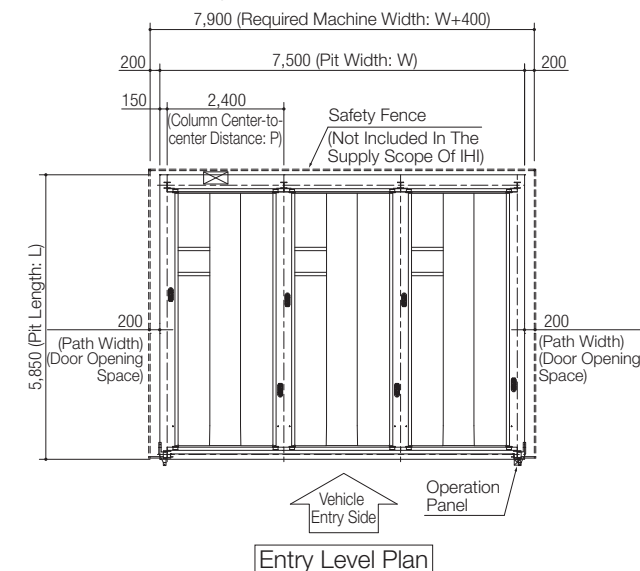
Power Supply	3 ϕ	5.0 kVA
	1 ϕ	1.0 kVA

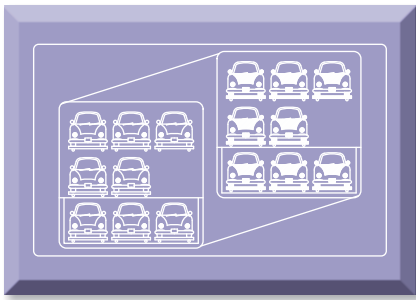
LZ21 - Dimensions Table

		S	M	L	Mm	MH
Accepted Maximum Vehicle Size	Maximum Length (mm)	4,700	5,050	5,300	5,050	5,050
	Maximum Width (mm)	1,700	1,850	1,950	1,850	1,850
	Maximum Height (mm)	2F	1,550	1,550	1,550	2,100
		1F	2,100	2,100	2,100	2,100
		B1	1,550	1,550	1,550	2,100
	Maximum Weight (kg)	1,700	2,000	2,300	2,000	2,000
Machine Dimension Requirement	Pit Length : L (mm)	5,500	5,850	6,100	5,850	5,850
	Machine Interval : Lt (mm)	5,200	5,550	5,800	5,550	5,550
	Column Center-to-center Distance : P (mm)	2,300	2,400	2,500	2,400	2,400
	Pit Width : W (mm)	P x no. of rows + 300	P x no. of rows + 300	P x no. of rows + 300	P x no. of rows + 300	P x no. of rows + 300
	Pit Depth : Hp (mm)	1,930	1,930	1,930	1,930	2,480
	Required Height : Ht (mm)	3,860	3,860	3,860	3,660	4,410
	Aboveground Structure Height : Hg (mm)	2,630	2,630	2,630	2,430	2,630
	Structure Height : Hk (mm)	4,560	4,560	4,560	4,360	5,110
	Front Height Restriction : Hc (mm)	3,250	3,250	3,250	3,050	3,250
Loading Data	A/B (kg)	3,400/3,100	4,000/3,600	4,300/4,000	4,000/3,600	4,000/3,600
	C/D (kg)	2,550/4,950	3,000/5,800	3,250/6,300	3,000/5,800	3,000/5,800

LZ21 – Reference Drawing

* Dimensions in the drawing below represent dimensions for "M" size.





LZ21W

Functions / Features

Front auto gate

Intruder detection sensor

Safety hooks

Vehicle length sensor at entry

Noise-reduced motor

Inverter control

Noise-reduced wheels

Touch-type operation panel

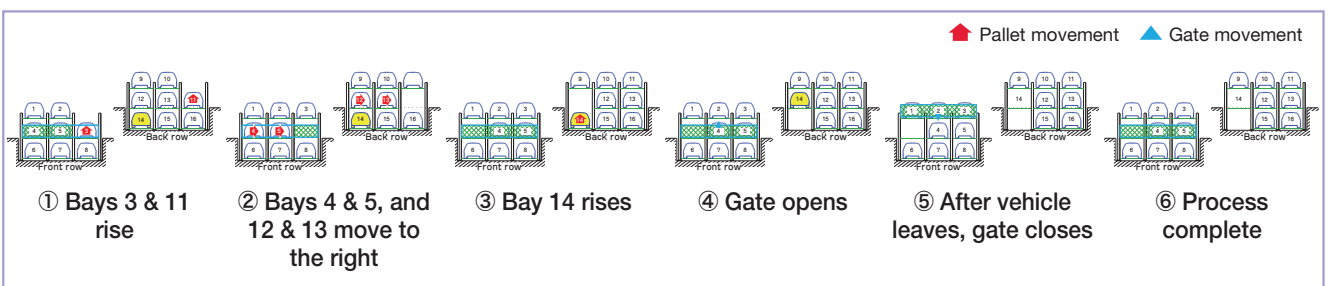
Electronic for on/off

Galvanized finishing

Accommodates minivans



System Movement <Retrieval of vehicle parked on "Bay 14">



Standard Specifications

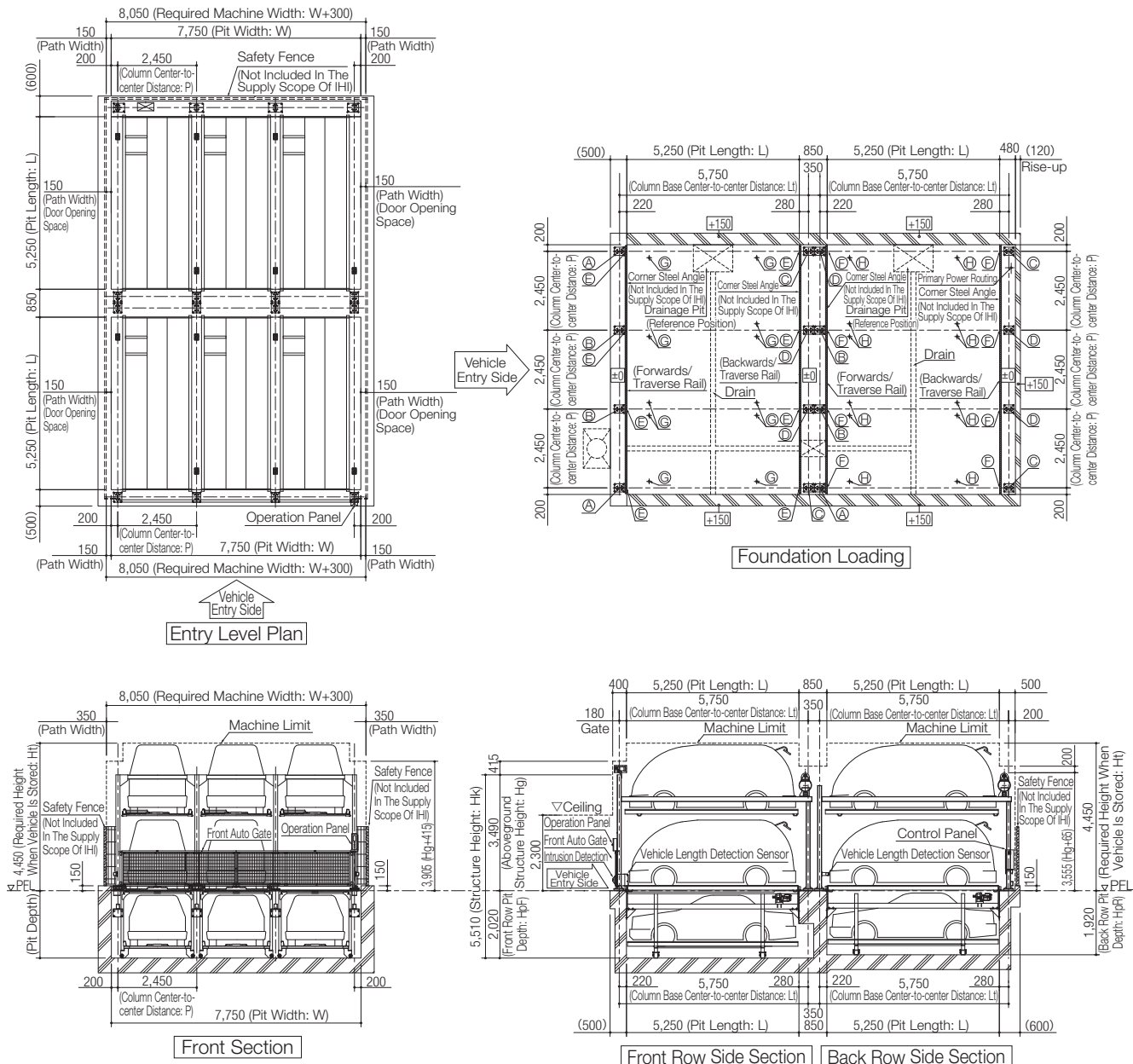
Motor	Lifting	2.2 kW Geared Motor with Brake unit	Power Supply	3 ϕ	10.0 kVA
	Traversing	0.2 kW Geared Motor with Brake unit		1 ϕ	1.0 kVA
	Front Gate	0.2 kW Geared Motor with Brake unit			

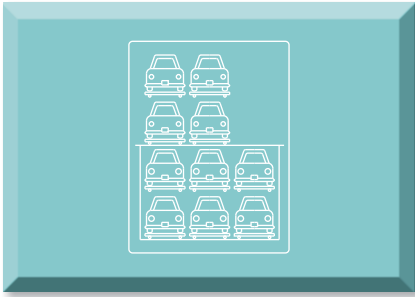
LZ21W - Dimensions Table

Accepted Maximum Vehicle Size			S	M	L	Mm	MH
	Maximum Length (mm)		4,700	5,050	5,300	5,050	5,050
	Maximum Width (mm)		1,700	1,850	1,950	1,850	1,850
	Maximum Height (mm)	2F	2,100	2,100	2,100	1,550	2,100
		1F	2,100	2,100	2,100	1,900	2,100
		B1	1,550	1,550	1,550	1,550	2,100
Machine Dimension Requirement	Maximum Weight (kg)		1,700	2,000	2,300	2,000	2,000
	Pit Length : L (mm)		4,900	5,250	5,500	5,250	5,250
	Column Base Center-to-center Distance : Lt (mm)		5,400	5,750	6,000	5,750	5,750
	Column Center-to-center Distance : P (mm)		2,350	2,450	2,550	2,450	2,450
	Pit Width : W (mm)		P x no. of rows + 400	P x no. of rows + 400	P x no. of rows + 400	P x no. of rows + 400	P x no. of rows + 400
	Front Row Pit Depth : HpF (mm)		2,020	2,020	2,020	2,020	2,570
	Back Row Pit Depth : HpR (mm)		1,920	1,920	1,920	1,920	2,470
	Required Height : Ht (mm)		4,450	4,450	4,450	3,700	4,550
	Aboveground Structure Height : Hg (mm)		3,490	3,490	3,490	3,290	3,490
	Structure Height : Hk (mm)		5,510	5,510	5,510	5,310	6,060
Loading Data	A/B (kg)		850/1,700	1,000/2,000	1,150/2,300	1,000/2,000	1,000/2,000
	C/D (kg)		850/1,700	1,000/2,000	1,150/2,300	1,000/2,000	1,000/2,000
	E/F (kg)		1,650/1,300	1,800/1,450	1,950/1,600	1,800/1,450	1,800/1,450
	G/H (kg)		1,500/1,300	1,650/1,500	1,850/1,700	1,650/1,500	1,650/1,500

LZ21W – Reference Drawing

* Dimensions in the drawing below represent dimensions for "M" size.





LZ22

Functions / Features

Front auto gate

Intruder detection sensor

Safety hooks

Vehicle length sensor at entry

Noise-reduced motor

Inverter control

Noise-reduced wheels

Touch-type operation panel

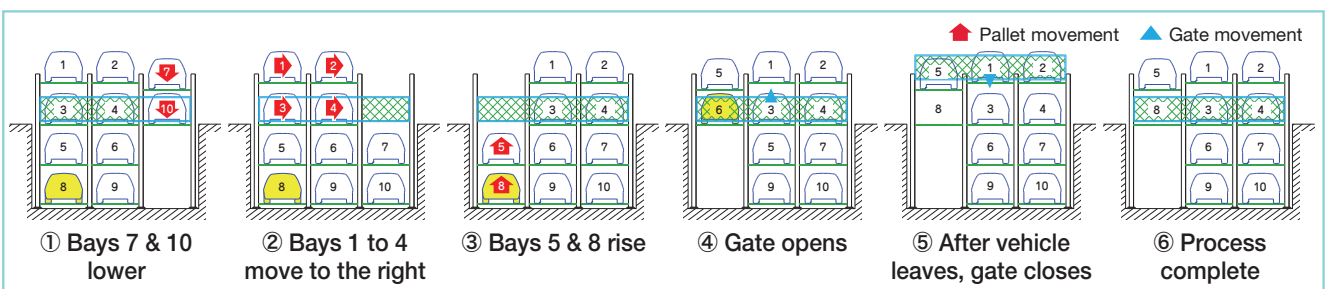
Electronic for on/off

Galvanized finishing

Accommodates minivans



System Movement <Retrieval of vehicle parked on "Bay 8">



Standard Specifications

Motor	Lifting	Aboveground lifting 2.2 kW, Underground lifting 3.7 kW Geared Motor with Brake unit
	Traversing	0.2 kW Geared Motor with Brake unit
	Front Gate	0.2 kW Geared Motor with Brake unit

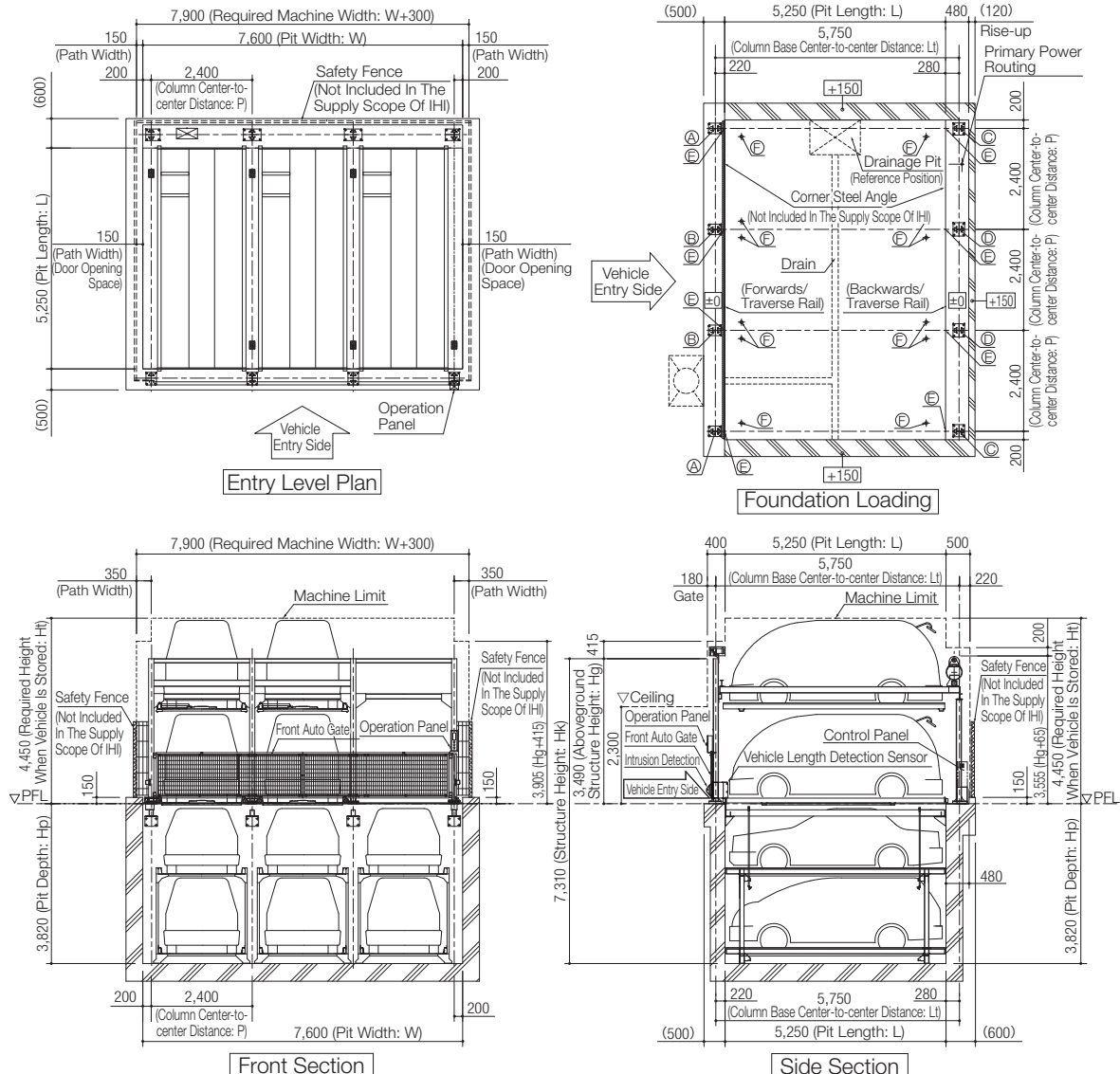
Power Supply	3 ϕ	8.0 kVA
	1 ϕ	1.0 kVA

LZ22 - Dimensions Table

		S	M	L	Mm	MH
Accepted Maximum Vehicle Size	Maximum Length (mm)	4,700	5,050	5,300	5,050	5,050
	Maximum Width (mm)	1,700	1,850	1,950	1,850	1,850
	Maximum Height (mm)	2F	2,100	2,100	1,550	2,100
		1F	2,100	2,100	1,900	2,100
		B1	1,550	1,550	1,550	2,100
		B2	1,800	1,800	1,550	2,100
	Maximum Weight (kg)	1,700	2,000	2,300	2,000	2,000
Machine Dimension Requirement	Pit Length : L (mm)	4,900	5,250	5,500	5,250	5,250
	Column Base Center-to-center Distance : Lt (mm)	5,400	5,750	6,000	5,750	5,750
	Column Center-to-center Distance : P (mm)	2,300	2,400	2,500	2,400	2,400
	Pit Width : W (mm)	P x no. of rows + 400	P x no. of rows + 400	P x no. of rows + 400	P x no. of rows + 400	P x no. of rows + 400
	Pit Depth : Hp (mm)	3,820	3,820	3,820	3,570	4,670
	Required Height : Ht (mm)	4,450	4,450	4,450	3,700	4,450
	Aboveground Structure Height : Hg (mm)	3,490	3,490	3,490	3,290	3,490
	Structure Height : Hk (mm)	7,310	7,310	7,310	6,860	8,160
Loading Data	A/B (kg)	850/1,700	1,000/2,000	1,150/2,300	1,000/2,000	1,000/2,000
	C/D (kg)	850/1,700	1,000/2,000	1,150/2,300	1,000/2,000	1,000/2,000
	E/F (kg)	2,400/1,950	2,800/2,250	3,100/2,550	2,800/2,250	2,800/2,250

LZ22 - Reference Drawing

* Dimensions in the drawing below represent dimensions for "M" size.





LZ22W

Functions / Features

Front auto gate

Intruder detection sensor

Safety hooks

Vehicle length sensor at entry

Noise-reduced motor

Inverter control

Noise-reduced wheels

Touch-type operation panel

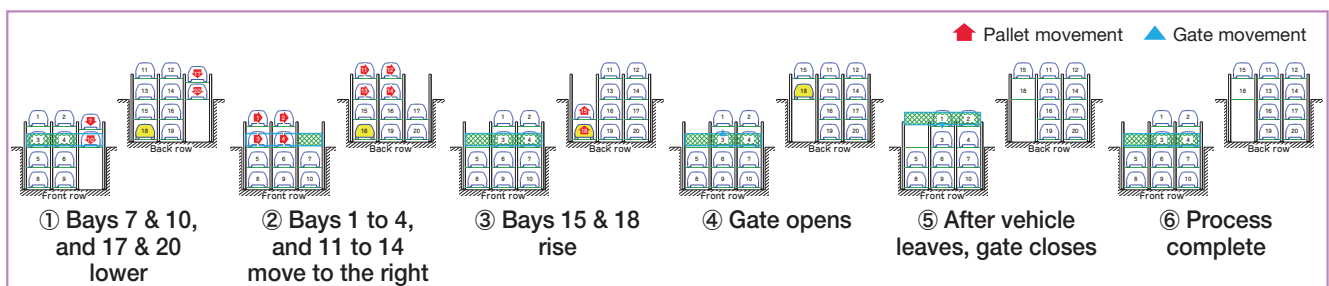
Electronic for on/off

Galvanized finishing

Accommodates minivans



System Movement <Retrieval of vehicle parked on "Bay 18">



Standard Specifications

Motor	Lifting	Aboveground lifting 2.2 kW, Underground lifting 3.7 kW Geared Motor with Brake unit
	Traversing	0.2 kW Geared Motor with Brake unit
	Front Gate	0.2 kW Geared Motor with Brake unit

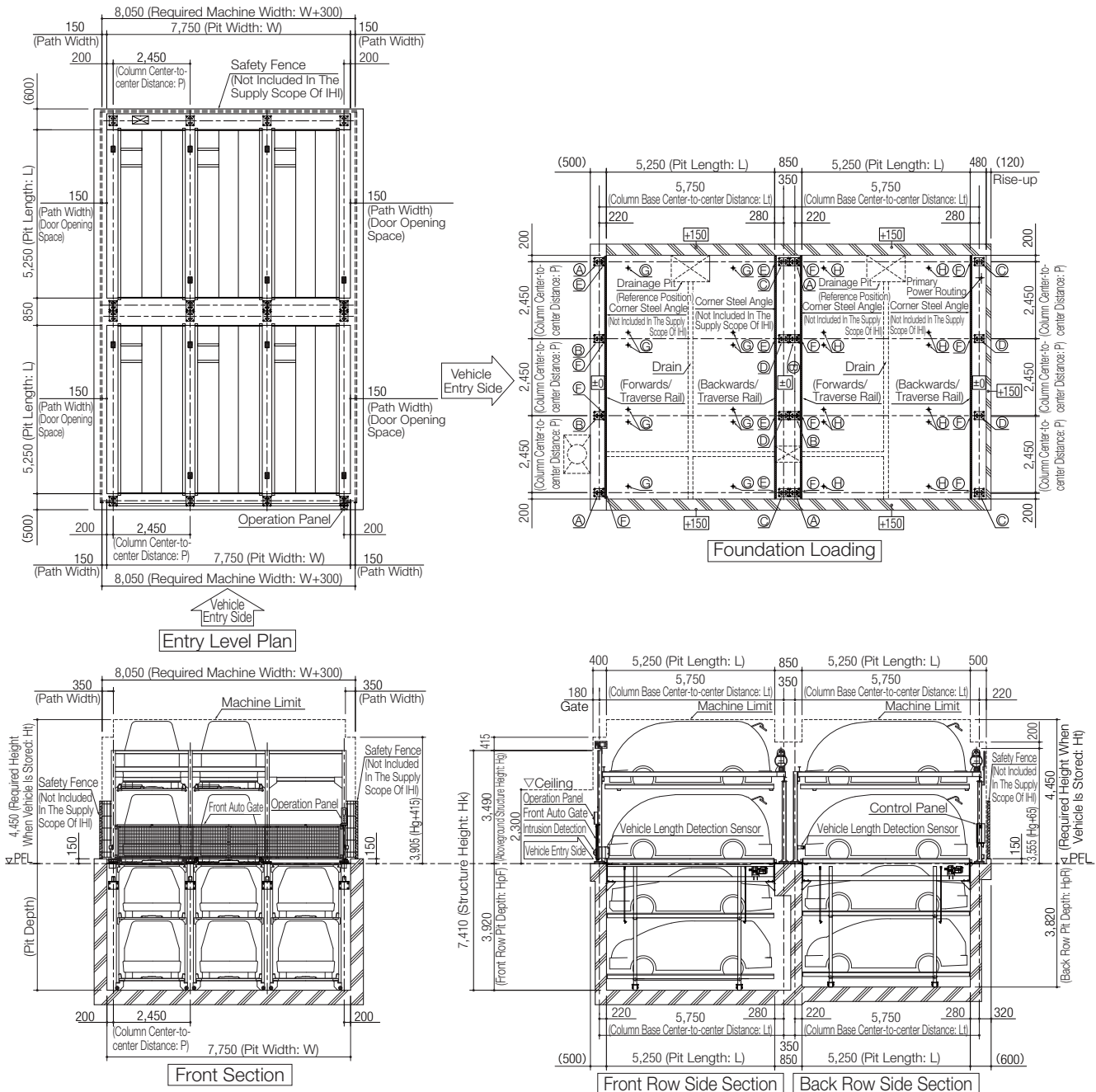
Power Supply	3 ϕ	16.0 kVA
	1 ϕ	1.0 kVA

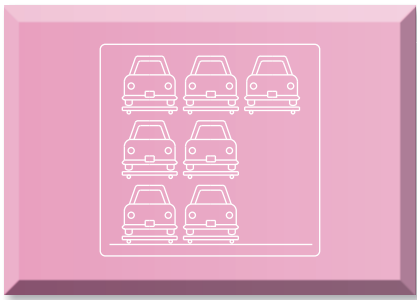
LZ22W - Dimensions Table

Accepted Maximum Vehicle Size			S	M	L	Mm	MH
	Maximum Length (mm)		4,700	5,050	5,300	5,050	5,050
	Maximum Width (mm)		1,700	1,850	1,950	1,850	1,850
	Maximum Height (mm)	2F	2,100	2,100	2,100	1,550	2,100
		1F	2,100	2,100	2,100	1,900	2,100
		B1	1,550	1,550	1,550	1,550	2,100
		B2	1,800	1,800	1,800	1,550	2,100
Maximum Weight (kg)		1,700	2,000	2,300	2,000	2,000	
Machine Dimension Requirement	Pit Length : L (mm)		4,900	5,250	5,500	5,250	5,250
	Column Base Center-to-center Distance : Lt (mm)		5,400	5,750	6,000	5,750	5,750
	Column Center-to-center Distance : P (mm)		2,350	2,450	2,550	2,450	2,450
	Pit Width : W (mm)		P x no. of rows + 400	P x no. of rows + 400	P x no. of rows + 400	P x no. of rows + 400	P x no. of rows + 400
	Front Row Pit Depth : HpF (mm)		3,920	3,920	3,920	3,670	4,770
	Back Row Pit Depth : HpR (mm)		3,820	3,820	3,820	3,570	4,670
	Required Height : Ht (mm)		4,450	4,450	4,450	3,700	4,550
	Aboveground Structure Height : Hg (mm)		3,490	3,490	3,490	3,290	3,490
	Structure Height : Hk (mm)		7,410	7,410	7,410	6,910	8,260
Loading Data	A/B (kg)		850/1,700	1,000/2,000	1,150/2,300	1,000/2,000	1,000/2,000
	C/D (kg)		850/1,700	1,000/2,000	1,150/2,300	1,000/2,000	1,000/2,000
	E/F (kg)		2,850/2,500	3,150/2,800	3,450/3,100	3,150/2,800	3,150/2,800
	G/H (kg)		2,250/1,950	2,450/2,250	2,700/2,550	2,450/2,250	2,450/2,250

LZ22W - Reference Drawing

* Dimensions in the drawing below represent dimensions for "M" size.





LZ30

Functions / Features

Front auto gate

Intruder detection sensor

Safety hooks

Vehicle length sensor at entry

Noise-reduced motor

Inverter control

Noise-reduced wheels

Touch-type operation panel

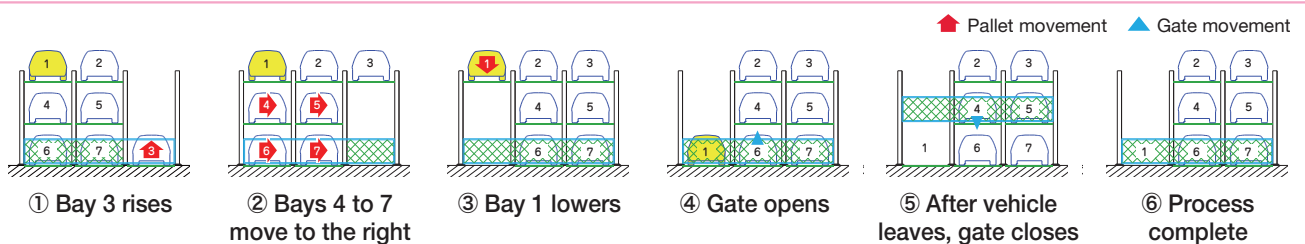
Electronic for on/off

Galvanized finishing

Accommodates minivans



System Movement <Retrieval of vehicle parked on "Bay 1">



Standard Specifications

Motor	Lifting	2.2 kW Geared Motor with Brake unit
	Traversing	0.2 kW Geared Motor with Brake unit
	Front Gate	0.2 kW Geared Motor with Brake unit

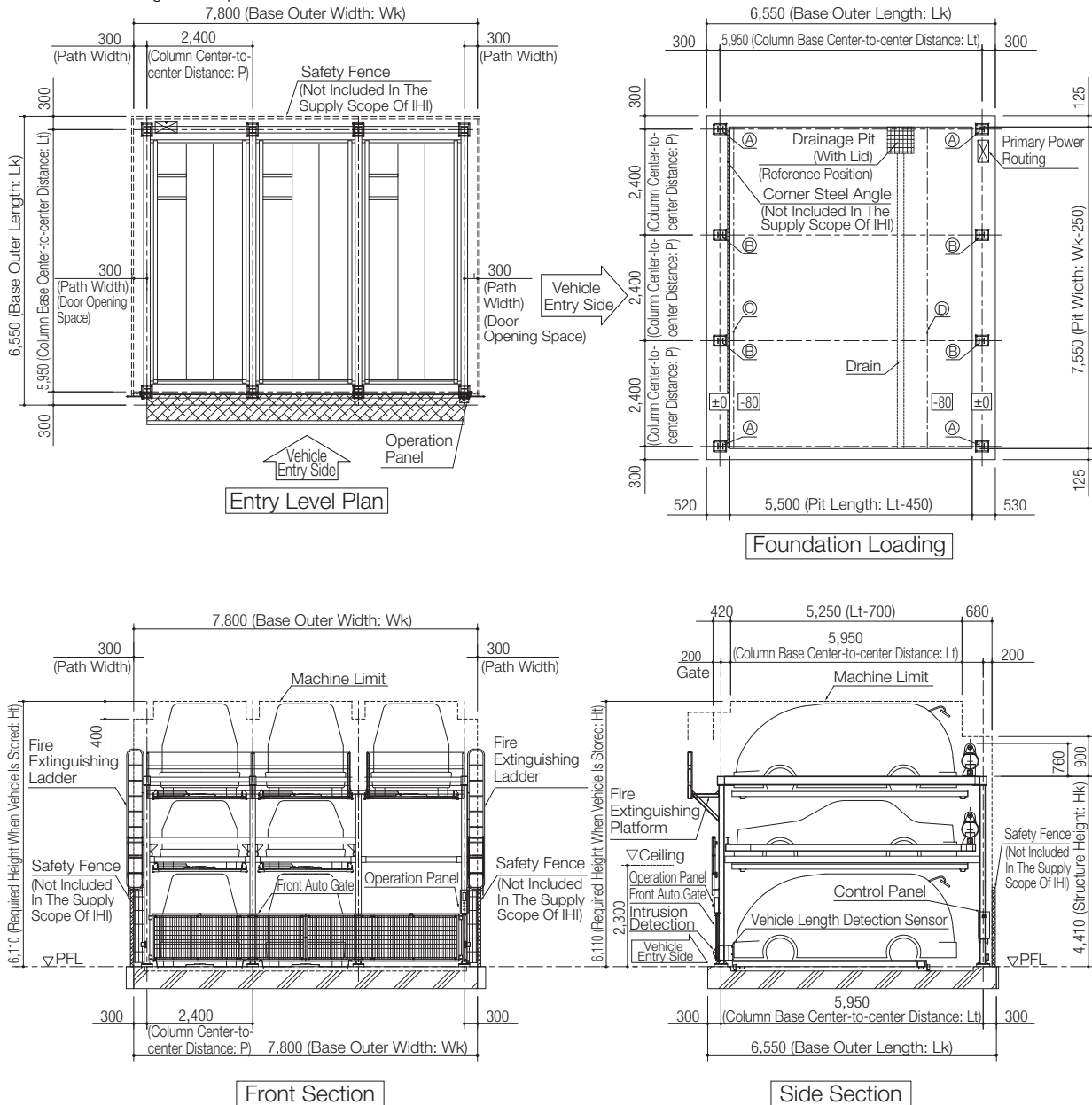
Power Supply	3 ϕ	5.0 kVA - 7.0 kVA
	1 ϕ	1.0 kVA

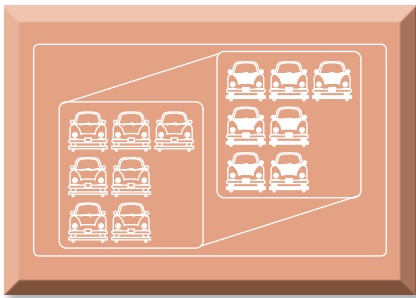
LZ30 - Dimensions Table

		S	M	L	Mm	MH
Accepted Maximum Vehicle Size	Maximum Length (mm)	4,700	5,050	5,300	5,050	5,050
	Maximum Width (mm)	1,700	1,850	1,950	1,850	1,850
	Maximum Height (mm)	3F	2,100	2,100	1,550	2,100
		2F	1,550	1,550	1,550	2,100
		1F	2,100	2,100	1,900	2,100
	Maximum Weight (kg)	3F, 2F	1,700	2,000	2,300	2,000
		1F	1,700	2,200	2,200	2,200
Machine Dimension Requirement	Base Outer Length : Lk (mm)	6,200	6,550	6,800	6,550	6,550
	Column Base Center-to-center Distance : Lt (mm)	5,600	5,950	6,200	5,950	5,950
	Column Center-to-center Distance : P (mm)	2,300	2,400	2,500	2,400	2,400
	Base Outer Width : Wk (mm)	P x no. of rows + 600	P x no. of rows + 600	P x no. of rows + 600	P x no. of rows + 600	P x no. of rows + 600
	Required Height : Ht (mm)	6,110	6,110	6,110	5,360	6,660
	Structure Height : Hk (mm)	4,410	4,410	4,410	4,210	4,960
Loading Data	A/B (kg)	1,700/3,400	1,850/3,700	2,050/4,100	1,850/3,700	1,850/3,700
	C/D (kg/m)	700/510	760/550	790/570	760/550	760/550

LZ30 - Reference

* Dimensions in the drawing below represent dimensions for "M" size.





LZ30W

Functions / Features

Front auto gate

Intruder detection sensor

Safety hooks

Vehicle length sensor at entry

Noise-reduced motor

Inverter control

Noise-reduced wheels

Touch-type operation panel

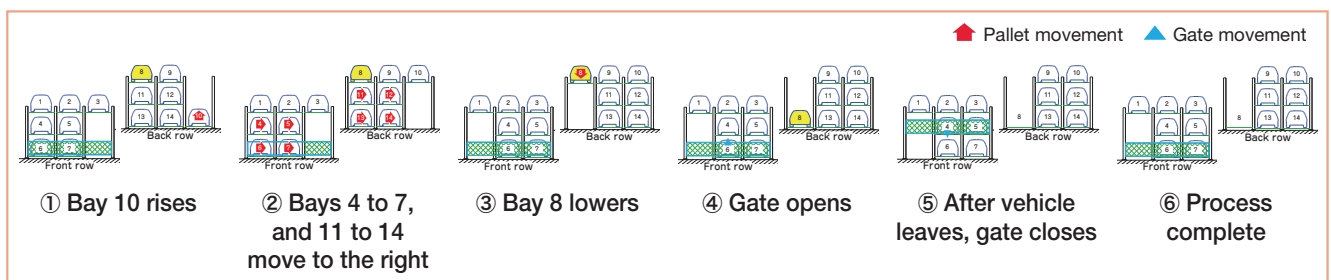
Electronic for on/off

Galvanized finishing

Accommodates minivans



System Movement <Retrieval of vehicle parked on "Bay 8">



Standard Specifications

Motor	Lifting	2.2 kW Geared Motor with Brake unit
	Traversing	0.2 kW Geared Motor with Brake unit
	Front Gate	0.2 kW Geared Motor with Brake unit

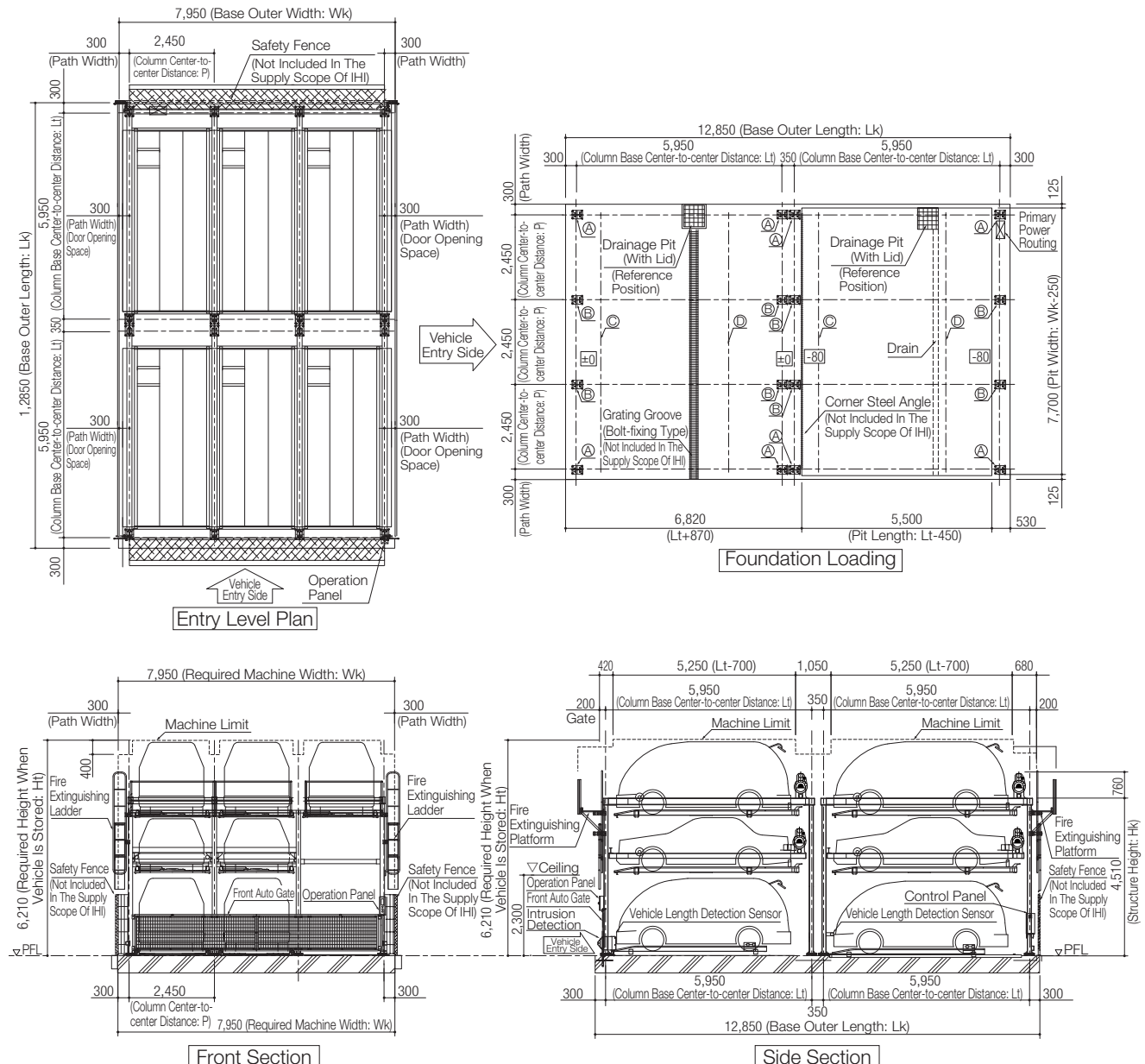
Power Supply	3 ϕ	10.0 kVA
	1 ϕ	1.0 kVA

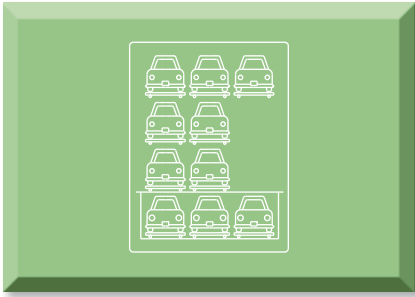
LZ30W - Dimensions Table

Accepted Maximum Vehicle Size	S		M		L		Mm		MH	
	Maximum Length (mm)		4,700		5,050		5,300		5,050	
	Maximum Width (mm)		1,700		1,850		1,950		1,850	
	Maximum Height (mm)	3F	2,100		2,100		2,100		1,550	
		2F	1,550		1,550		1,550		1,550	
		1F	2,100		2,100		2,100		1,900	
Machine Dimension Requirement	Maximum Weight (kg)	3F, 2F	1,700		2,000		2,300		2,000	
		1F	1,700		2,200		2,300		2,200	
	Base Outer Length : Lk (mm)		12,150		12,850		13,350		12,850	
	Column Base Center-to-center Distance : Lt (mm)		5,600		5,950		6,200		5,950	
	Column Center-to-center Distance : P (mm)		2,350		2,450		2,550		2,450	
	Base Outer Width : Wk (mm)		P x no. of rows + 600		P x no. of rows + 600		P x no. of rows + 600		P x no. of rows + 600	
Loading Data	Required Height : Ht (mm)		6,210		6,210		6,210		5,460	
	Structure Height : Hk (mm)		4,510		4,510		4,510		4,310	
	A/B (kg)		1,700/3,400		1,850/3,700		2,050/4,100		1,850/3,700	
Loading Data	C/D (kg/m)		700/510		760/550		790/570		760/550	

LZ30W - Reference Drawing

* Dimensions in the drawing below represent dimensions for "M" size.





LZ31

Functions / Features

Front auto gate

Intruder detection sensor

Safety hooks

Vehicle length sensor at entry

Noise-reduced motor

Inverter control

Noise-reduced wheels

Touch-type operation panel

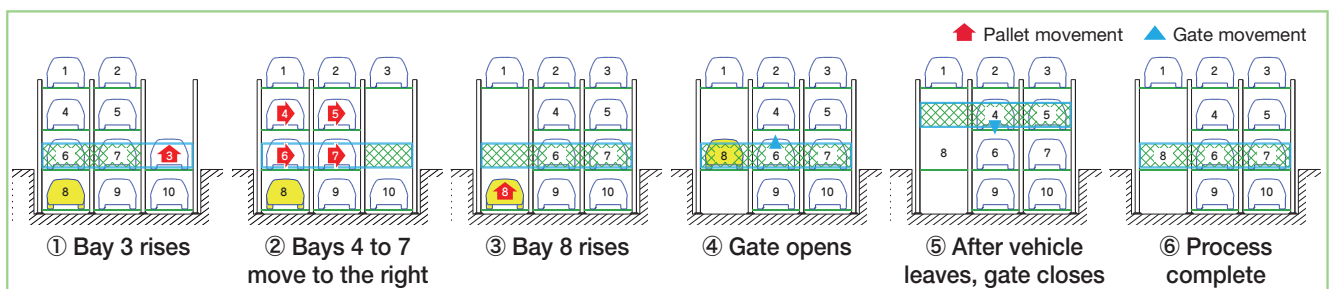
Electronic for on/off

Galvanized finishing

Accommodates minivans



System Movement <Retrieval of vehicle parked on "Bay 8">



Standard Specifications

Motor	Lifting	2.2 kW Geared Motor with Brake unit
	Traversing	0.2 kW Geared Motor with Brake unit
	Front Gate	0.2 kW Geared Motor with Brake unit

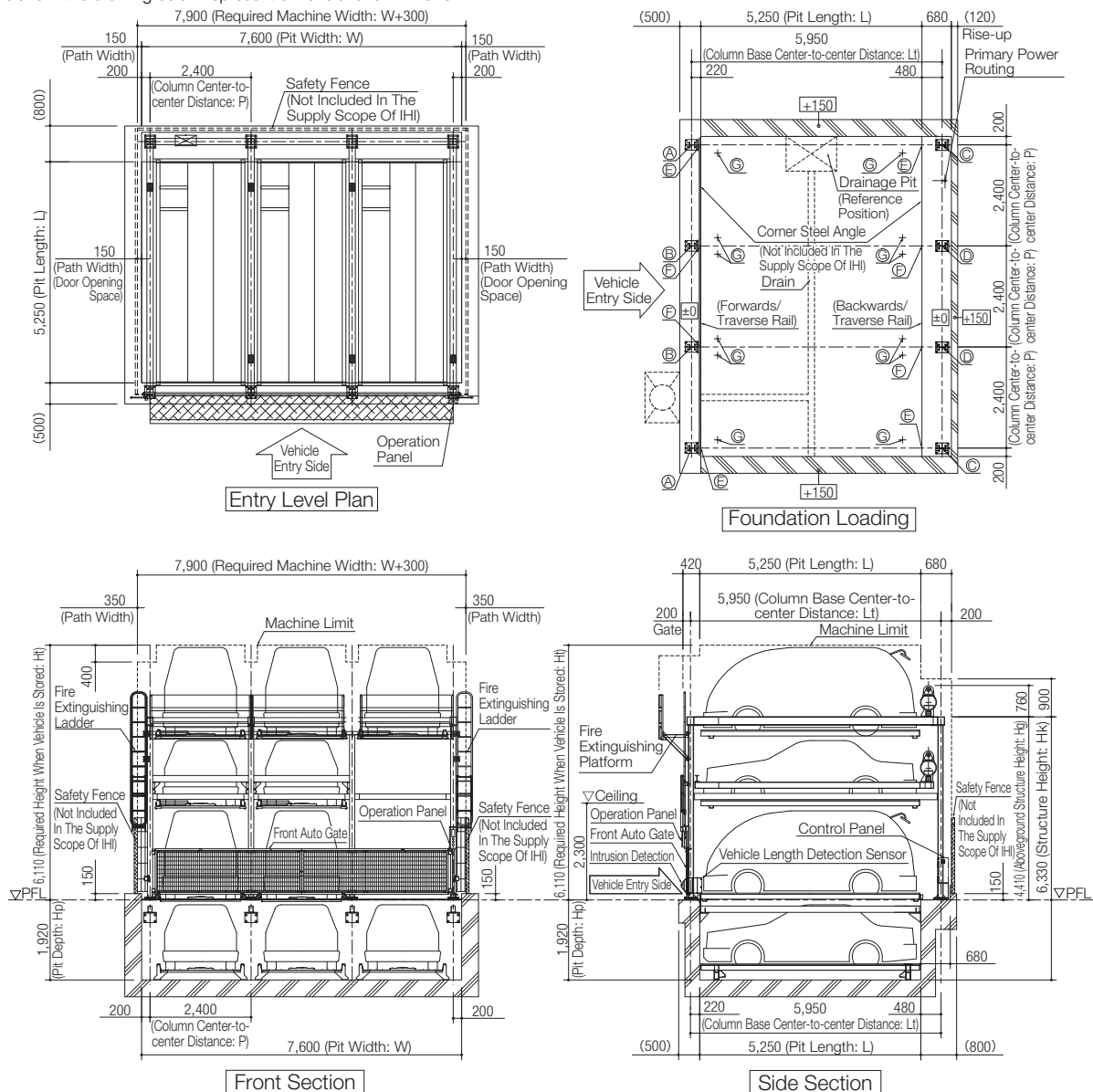
Power Supply	3 ϕ	5.0 kVA - 7.0 kVA
	1 ϕ	1.0 kVA

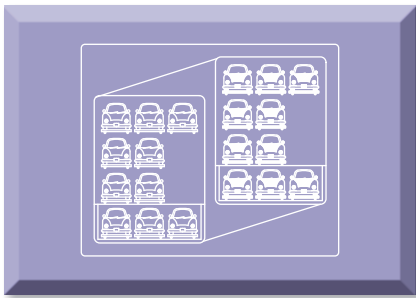
LZ31 - Dimensions Table

Accepted Maximum Vehicle Size		S	M	L	Mm	MH
	Maximum Length (mm)	4,700	5,050	5,300	5,050	5,050
	Maximum Width (mm)	1,700	1,850	1,950	1,850	1,850
	Maximum Height (mm)	3F	2,100	2,100	1,550	2,100
		2F	1,550	1,550	1,550	2,100
		1F	2,100	2,100	1,900	2,100
		B1	1,550	1,550	1,550	2,100
Machine Dimension Requirement	Maximum Weight (kg)	1,700	2,000	2,300	2,000	2,000
	Pit Length : L (mm)	4,900	5,250	5,500	5,250	5,250
	Column Base Center-to-center Distance : Lt (mm)	5,600	5,950	6,200	5,950	5,950
	Column Center-to-center Distance : P (mm)	2,300	2,400	2,500	2,400	2,400
	Pit Width : W (mm)	P x no. of rows + 400	P x no. of rows + 400	P x no. of rows + 400	P x no. of rows + 400	P x no. of rows + 400
	Pit Depth : Hp (mm)	1,920	1,920	1,920	1,920	2,470
	Required Height : Ht (mm)	6,110	6,110	6,110	5,360	6,660
	Aboveground Structure Height : Hg (mm)	4,410	4,410	4,410	4,210	4,960
	Structure Height : Hk (mm)	6,330	6,330	6,330	6,130	7,430
Loading Data	A/B (kg)	1,700/3,400	1,850/3,700	2,050/4,100	1,850/3,700	1,850/3,700
	C/D (kg)	1,700/3,400	1,850/3,700	2,050/4,100	1,850/3,700	1,850/3,700
	E, F/G (kg)	1,200/1,300	1,350/1,500	1,500/1,700	1,350/1,500	1,350/1,500

LZ31 - Reference Drawing

* Dimensions in the drawing below represent dimensions for "M" size.





LZ31W

Functions / Features

Front auto gate

Intruder detection sensor

Safety hooks

Vehicle length sensor at entry

Noise-reduced motor

Inverter control

Noise-reduced wheels

Touch-type operation panel

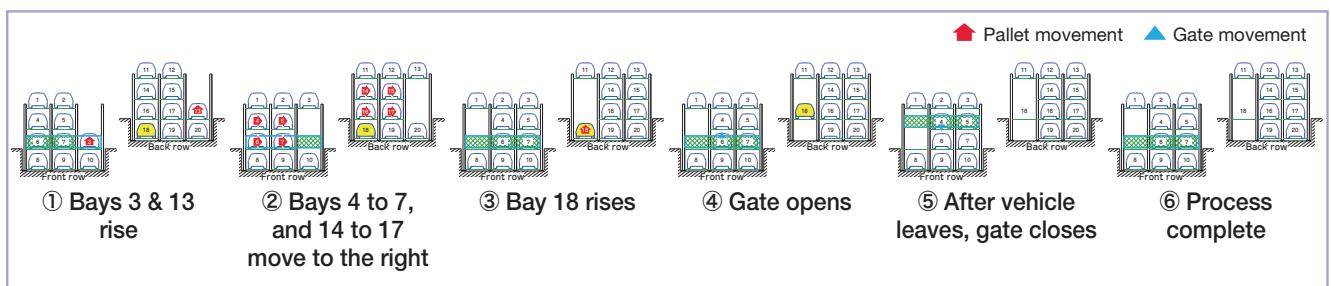
Electronic for on/off

Galvanized finishing

Accommodates minivans



System Movement <Retrieval of vehicle parked on "Bay 18">



Standard Specifications

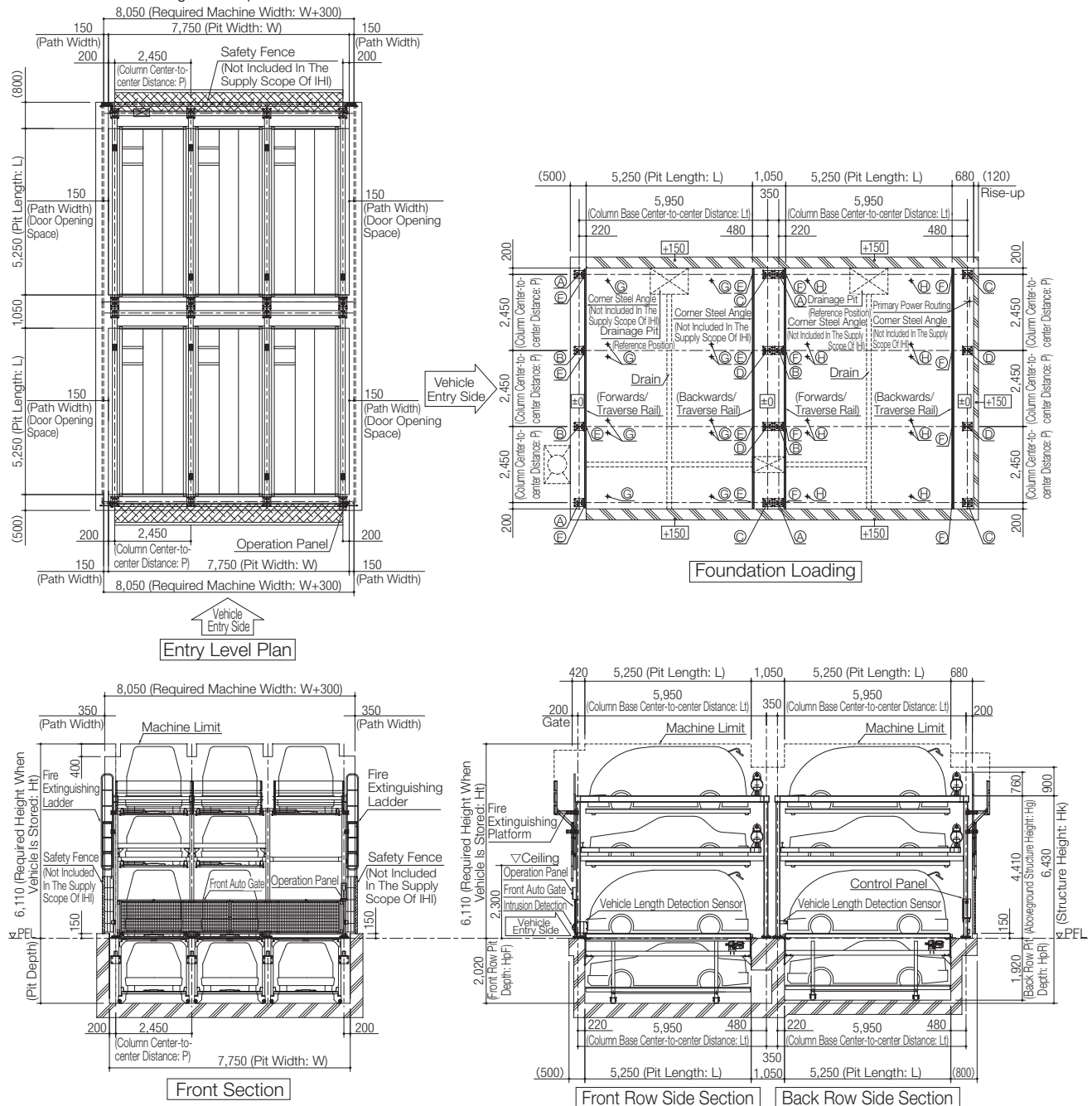
Motor	Lifting	2.2 kW Geared Motor with Brake unit	Power Supply	3 ϕ	10.0 kVA
	Traversing	0.2 kW Geared Motor with Brake unit		1 ϕ	1.0 kVA
	Front Gate	0.2 kW Geared Motor with Brake unit			

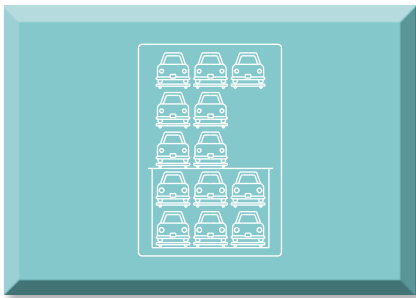
LZ31W - Dimensions Table

Accepted Maximum Vehicle Size	Maximum Length (mm)		S	M	L	Mm	MH
	Maximum Width (mm)		4,700	5,050	5,300	5,050	5,050
	Maximum Height (mm)	3F	2,100	2,100	2,100	1,550	2,100
		2F	1,550	1,550	1,550	1,550	2,100
		1F	2,100	2,100	2,100	1,900	2,100
		B1	1,550	1,550	1,550	1,550	2,100
	Maximum Weight (kg)		1,700	2,000	2,300	2,000	2,000
Machine Dimension Requirement	Pit Length : L (mm)		4,900	5,250	5,500	5,250	5,250
	Column Base Center-to-center Distance : Lt (mm)		5,600	5,950	6,200	5,950	5,950
	Column Center-to-center Distance : P (mm)		2,350	2,450	2,550	2,450	2,450
	Pit Width : W (mm)		P x no. of rows + 400	P x no. of rows + 400	P x no. of rows + 400	P x no. of rows + 400	P x no. of rows + 400
	Front Row Pit Depth : HpF (mm)		2,020	2,020	2,020	2,020	2,570
	Back Row Pit Depth : HpR (mm)		1,920	1,920	1,920	1,920	2,470
	Required Height : Ht (mm)		6,110	6,110	6,110	5,360	6,660
	Aboveground Structure Height : Hg (mm)		4,410	4,410	4,410	4,210	4,960
	Structure Height : Hk (mm)		6,430	6,430	6,430	6,230	7,530
Loading Data	A/B (kg)		1,700/3,400	1,850/3,700	2,050/4,100	1,850/3,700	1,850/3,700
	C/D (kg)		1,700/3,400	1,850/3,700	2,050/4,100	1,850/3,700	1,850/3,700
	E/F (kg)		1,650/1,300	1,800/1,450	1,950/1,600	1,800/1,450	1,800/1,450
	G/H (kg)		1,500/1,300	1,650/1,500	1,850/1,700	1,650/1,500	1,650/1,500

LZ31W - Reference Drawing

* Dimensions in the drawing below represent dimensions for "M" size.





LZ32

Functions / Features

Front auto gate

Intruder detection sensor

Safety hooks

Vehicle length sensor at entry

Noise-reduced motor

Inverter control

Noise-reduced wheels

Touch-type operation panel

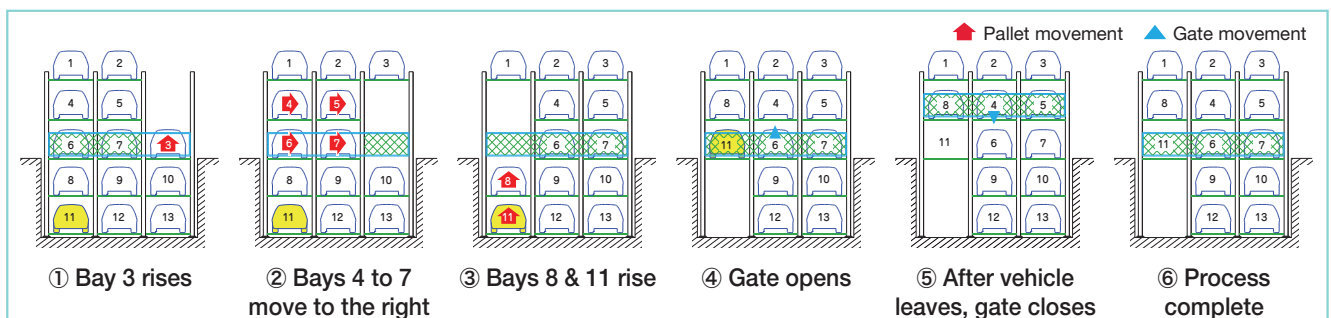
Electronic for on/off

Galvanized finishing

Accommodates minivans



System Movement <Retrieval of vehicle parked on "Bay 11">



Standard Specifications

Motor	Lifting	Aboveground lifting 2.2 kW, Underground lifting 3.7 kW Geared Motor with Brake unit
	Traversing	0.2 kW Geared Motor with Brake unit
	Front Gate	0.2 kW Geared Motor with Brake unit

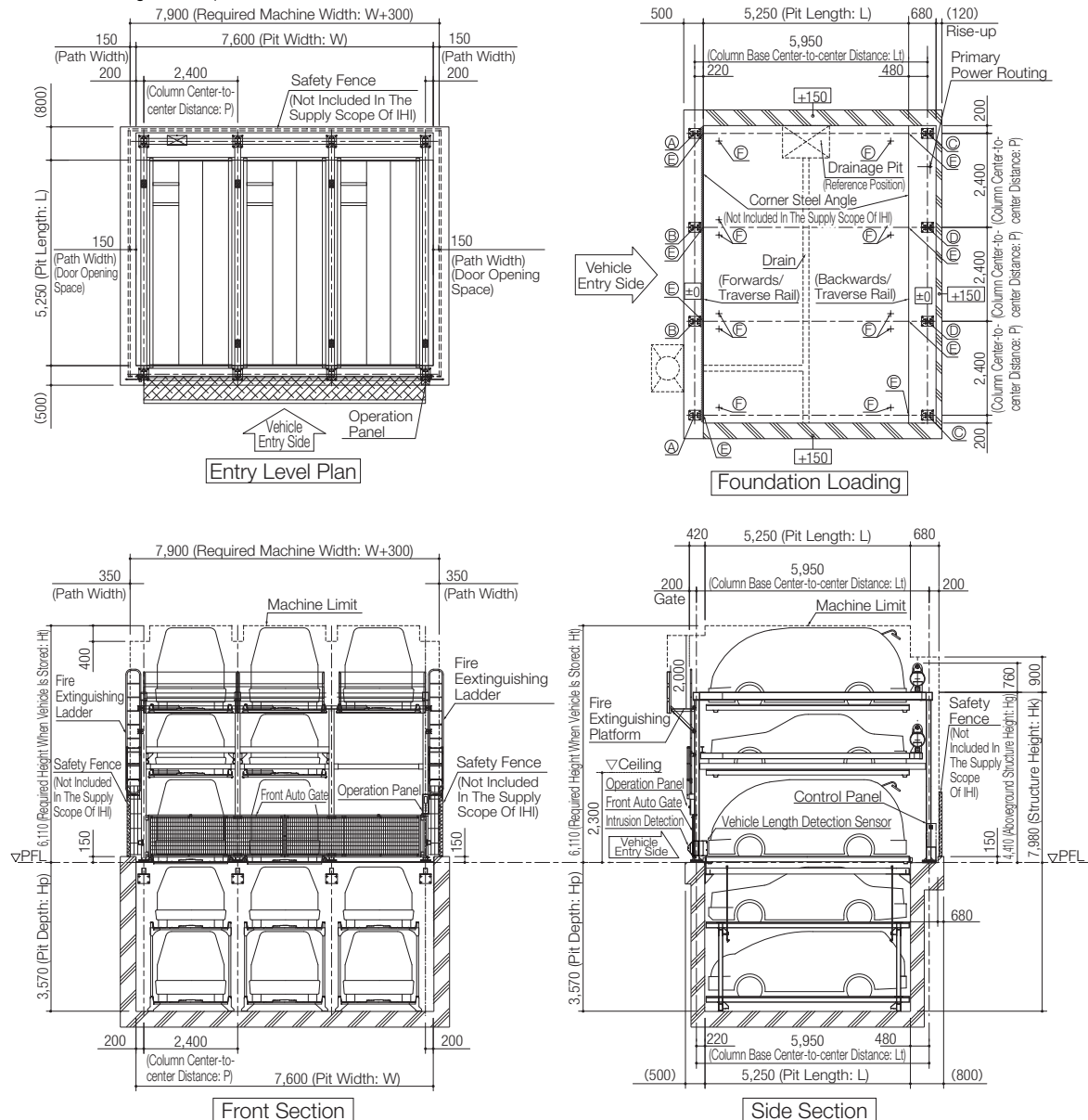
Power Supply	3 ϕ	8.0 kVA
	1 ϕ	1.0 kVA

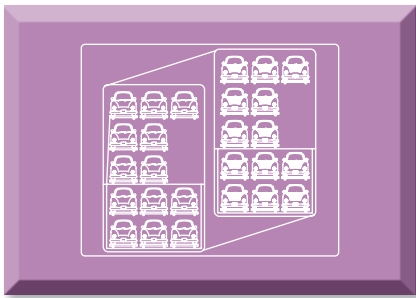
LZ32 - Dimensions Table

Accepted Maximum Vehicle Size	S		M		L		M8		MH	
	Maximum Length (mm)		4,700		5,050		5,300		5,050	
	Maximum Width (mm)		1,700		1,850		1,950		1,850	
	Maximum Height (mm)	3F	2,100		2,100		2,100		2,100	
		2F	1,550		1,550		1,550		1,550	
		1F	2,100		2,100		2,100		2,100	
		B1	1,550		1,550		1,550		1,550	
	Maximum Weight (kg)		1,700		2,000		2,300		2,000	
Machine Dimension Requirement	Pit Length : L (mm)		4,900		5,250		5,500		5,250	
	Column Base Center-to-center Distance : Lt (mm)		5,600		5,950		6,200		5,950	
	Column Center-to-center Distance : P (mm)		2,300		2,400		2,500		2,400	
	Pit Width : W (mm)	P x no. of rows + 400	P x no. of rows + 400		P x no. of rows + 400		P x no. of rows + 400		P x no. of rows + 400	
	Pit Depth : Hp (mm)		3,820		3,820		3,820		3,570	
	Required Height : Ht (mm)		6,110		6,110		6,110		6,660	
	Aboveground Structure Height : Hg (mm)		4,410		4,410		4,410		4,960	
	Structure Height : Hk (mm)		8,230		8,230		8,230		7,980	
Loading Data	A/B (kg)		1,700/3,400		1,850/3,700		2,050/4,100		1,850/3,700	
	C/D (kg)		1,700/3,400		1,850/3,700		2,050/4,100		1,850/3,700	
	E/F (kg)		2,400/1,950		2,800/2,250		3,100/2,550		2,800/2,250	

LZ32 – Reference Drawing

* Dimensions in the drawing below represent dimensions for "M8" size.





LZ32W

Functions / Features

Front auto gate

Intruder detection sensor

Safety hooks

Vehicle length sensor at entry

Noise-reduced motor

Inverter control

Noise-reduced wheels

Touch-type operation panel

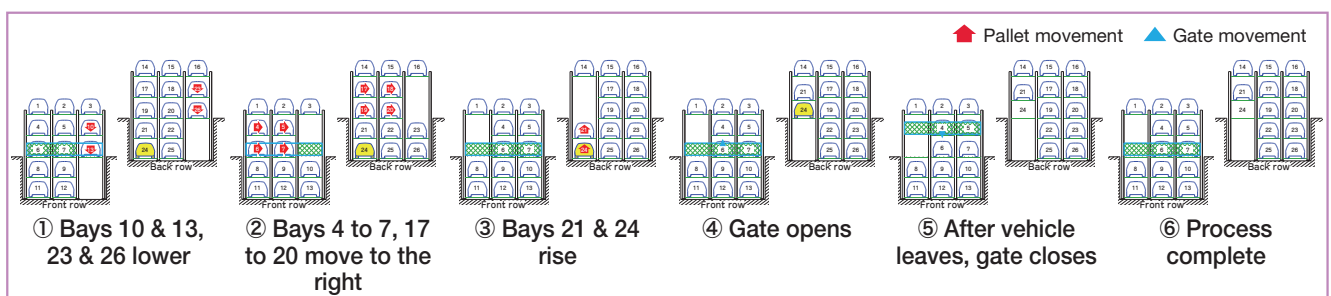
Electronic for on/off

Galvanized finishing

Accommodates minivans



System Movement <Retrieval of vehicle parked on "Bay 24">



Standard Specifications

Motor	Lifting	Aboveground lifting 2.2 kW, Underground lifting 3.7 kW Geared Motor with Brake unit
	Traversing	0.2 kW Geared Motor with Brake unit
	Front Gate	0.2 kW Geared Motor with Brake unit

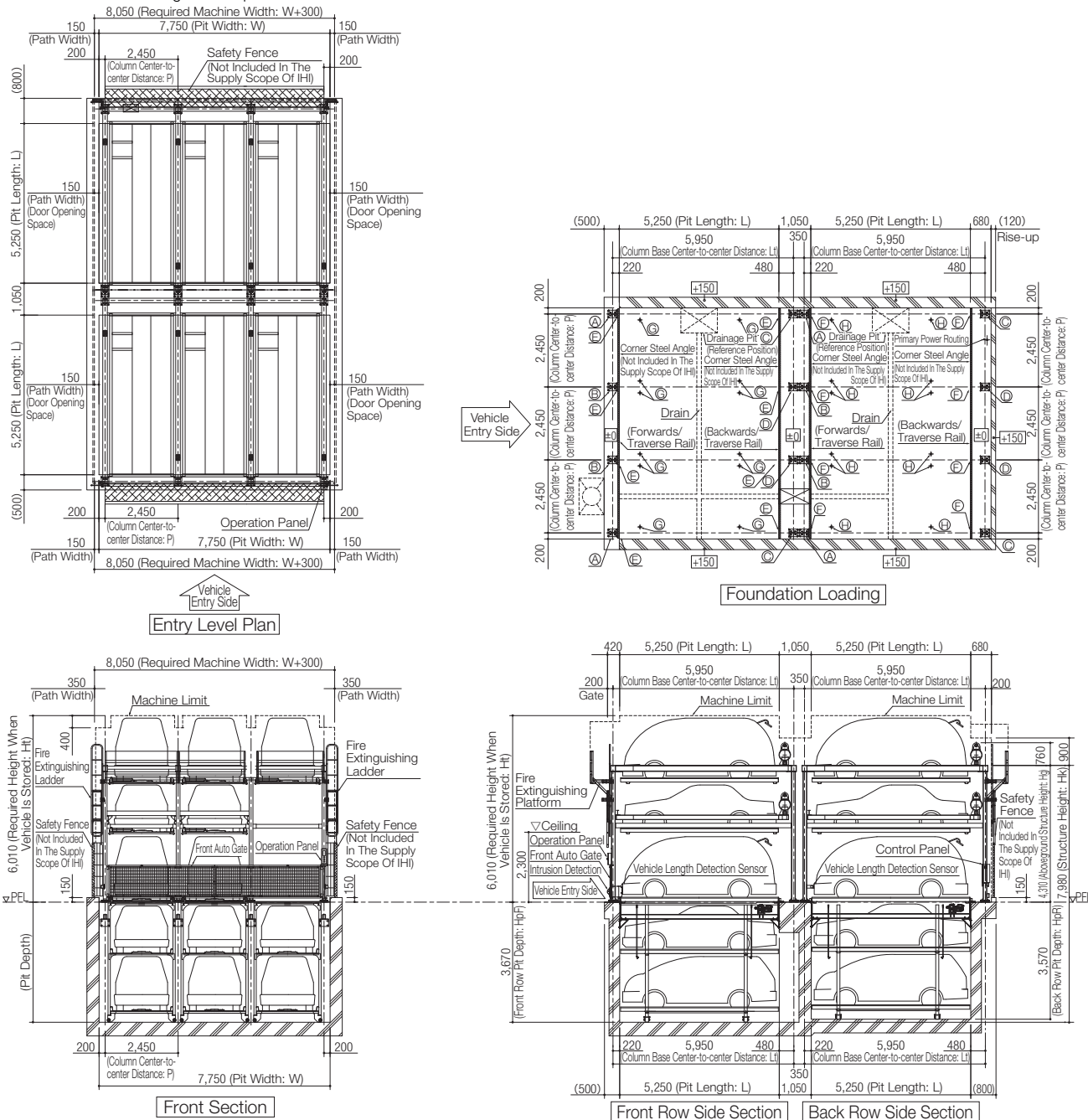
Power Supply	3 ϕ	16.0 kVA
	1 ϕ	1.0 kVA

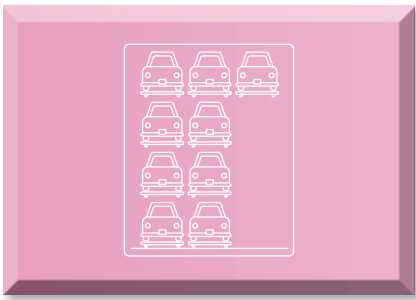
LZ32W - Dimensions Table

Accepted Maximum Vehicle Size			S	M	L	M8	MH
	Maximum Length (mm)		4,700	5,050	5,300	5,050	5,050
Machine Dimension Requirement	Maximum Width (mm)		1,700	1,850	1,950	1,850	1,850
	Maximum Height (mm)	3F	2,100	2,100	2,100	2,100	2,100
		2F	1,550	1,550	1,550	1,550	2,100
		1F	2,100	2,100	2,100	2,000	2,100
		B1	1,550	1,550	1,550	1,550	2,100
		B2	1,800	1,800	1,800	1,550	2,100
Machine Dimension Requirement	Maximum Weight (kg)		1,700	2,000	2,300	2,000	2,000
	Pit Length : L (mm)		4,900	5,250	5,500	5,250	5,250
	Column Base Center-to-center Distance : Lt (mm)		5,600	5,950	6,200	5,950	5,950
	Column Center-to-center Distance : P (mm)		2,350	2,450	2,550	2,450	2,450
	Pit Width : W (mm)		P x no. of rows + 400	P x no. of rows + 400	P x no. of rows + 400	P x no. of rows + 400	P x no. of rows + 400
	Front Row Pit Depth : HpF (mm)		3,920	3,920	3,920	3,670	4,770
	Back Row Pit Depth : HpR (mm)		3,820	3,820	3,820	3,570	4,670
	Required Height : Ht (mm)		6,110	6,110	6,110	6,010	6,760
	Aboveground Structure Height : Hg (mm)		4,410	4,410	4,410	4,310	5,060
	Structure Height : Hk (mm)		8,330	8,330	8,330	7,980	9,730
Loading Data	A/B (kg)		1,700/3,400	1,850/3,700	2,050/4,100	1,850/3,700	1,850/3,700
	C/D (kg)		1,700/3,400	1,850/3,700	2,050/4,100	1,850/3,700	1,850/3,700
	E/F (kg)		2,850/2,500	3,150/2,800	3,450/3,100	3,150/2,800	3,150/2,800
	G/H (kg)		2,250/1,950	2,450/2,250	2,700/2,550	2,450/2,250	2,450/2,250

LZ32W - Reference Drawing

* Dimensions in the drawing below represent dimensions for "M8" size.





LZ40

Functions / Features

Front auto gate

Intruder detection sensor

Safety hooks

Vehicle length sensor at entry

Noise-reduced motor

Inverter control

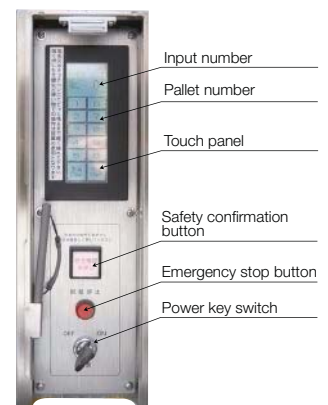
Noise-reduced wheels

Touch-type operation panel

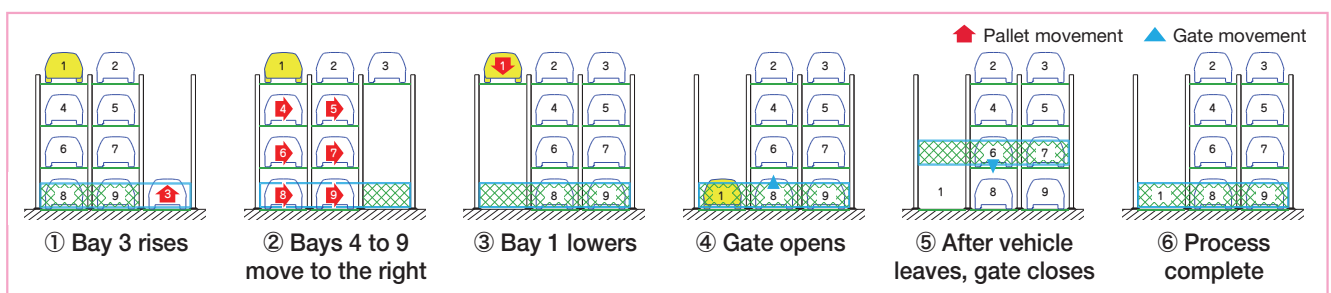
Electronic for on/off

Galvanized finishing

Accommodates minivans



System Movement <Retrieval of vehicle parked on "Bay 1">



Standard Specifications

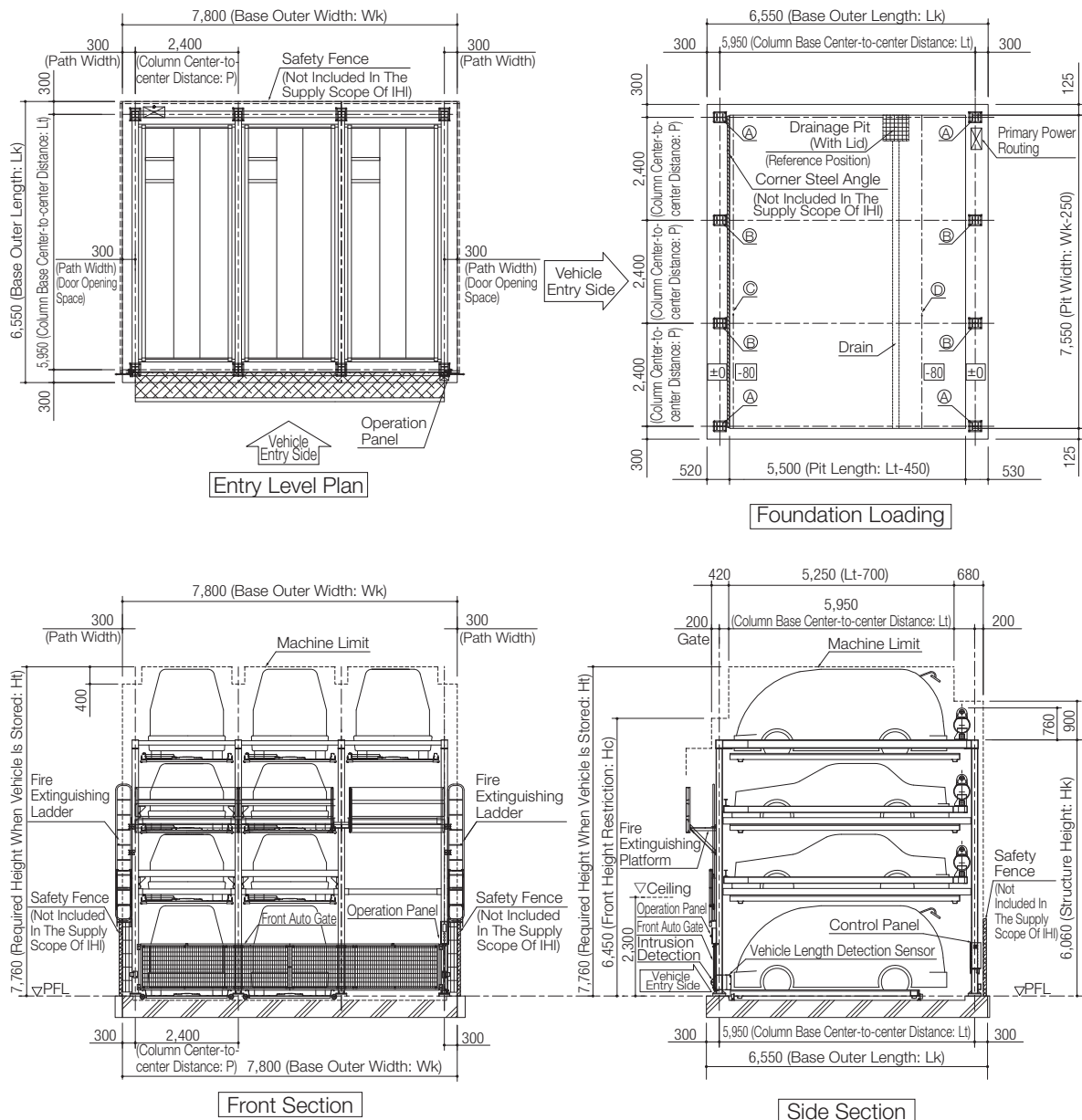
Motor	Lifting	2.2 kW Geared Motor with Brake unit	Power Supply	3 ϕ	5.0 kVA - 10.5 kVA
	Traversing	0.2 kW Geared Motor with Brake unit		1 ϕ	1.0 kVA
	Front Gate	0.2 kW Geared Motor with Brake unit			

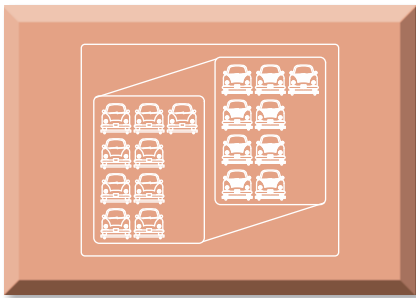
LZ40 - Dimensions Table

		S	M	L	Mm	MH
Accepted Maximum Vehicle Size	Maximum Length (mm)	4,700	5,050	5,300	5,050	5,050
	Maximum Width (mm)	1,700	1,850	1,950	1,850	1,850
	Maximum Height (mm)	4F	2,100	2,100	1,550	2,100
		3F	1,550	1,550	1,550	2,100
		2F	1,550	1,550	1,550	2,100
		1F	2,100	2,100	1,900	2,100
	Maximum Weight (kg)	4F, 3F, 2F	1,700	2,300	2,000	2,000
		1F	1,700	2,200	2,200	2,200
Machine Dimension Requirement	Base Outer Length : Lk (mm)	6,200	6,550	6,800	6,550	6,550
	Column Base Center-to-center Distance : Lt (mm)	5,600	5,950	6,200	5,950	5,950
	Column Center-to-center Distance : P (mm)	2,300	2,400	2,500	2,400	2,400
	Base Outer Width : Wk (mm)	P x no. of rows + 600	P x no. of rows + 600	P x no. of rows + 600	P x no. of rows + 600	P x no. of rows + 600
	Required Height : Ht (mm)	7,760	7,760	7,760	7,010	8,860
	Structure Height : Hk (mm)	6,060	6,060	6,060	5,860	7,160
	Front Height Restriction : Hc (mm)	6,450	6,450	6,450	6,250	7,550
Loading Data	A/B (kg)	2,500/5,000	2,750/5,500	3,050/6,050	2,750/5,500	2,750/5,500
	C/D (kg/m)	700/510	760/550	790/570	760/550	760/550

LZ40 - Reference Drawing

* Dimensions in the drawing below represent dimensions for "M" size.





LZ40W

Functions / Features

Front auto gate

Intruder detection sensor

Safety hooks

Vehicle length sensor at entry

Noise-reduced motor

Inverter control

Noise-reduced wheels

Touch-type operation panel

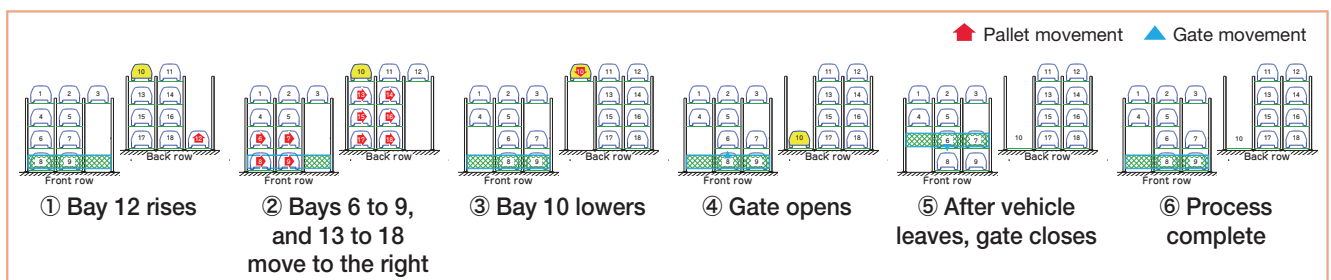
Electronic for on/off

Galvanized finishing

Accommodates minivans



System Movement <Retrieval of vehicle parked on "Bay 10">



Standard Specifications

Motor	Lifting	2.2 kW Geared Motor with Brake unit
	Traversing	0.2 kW Geared Motor with Brake unit
	Front Gate	0.2 kW Geared Motor with Brake unit

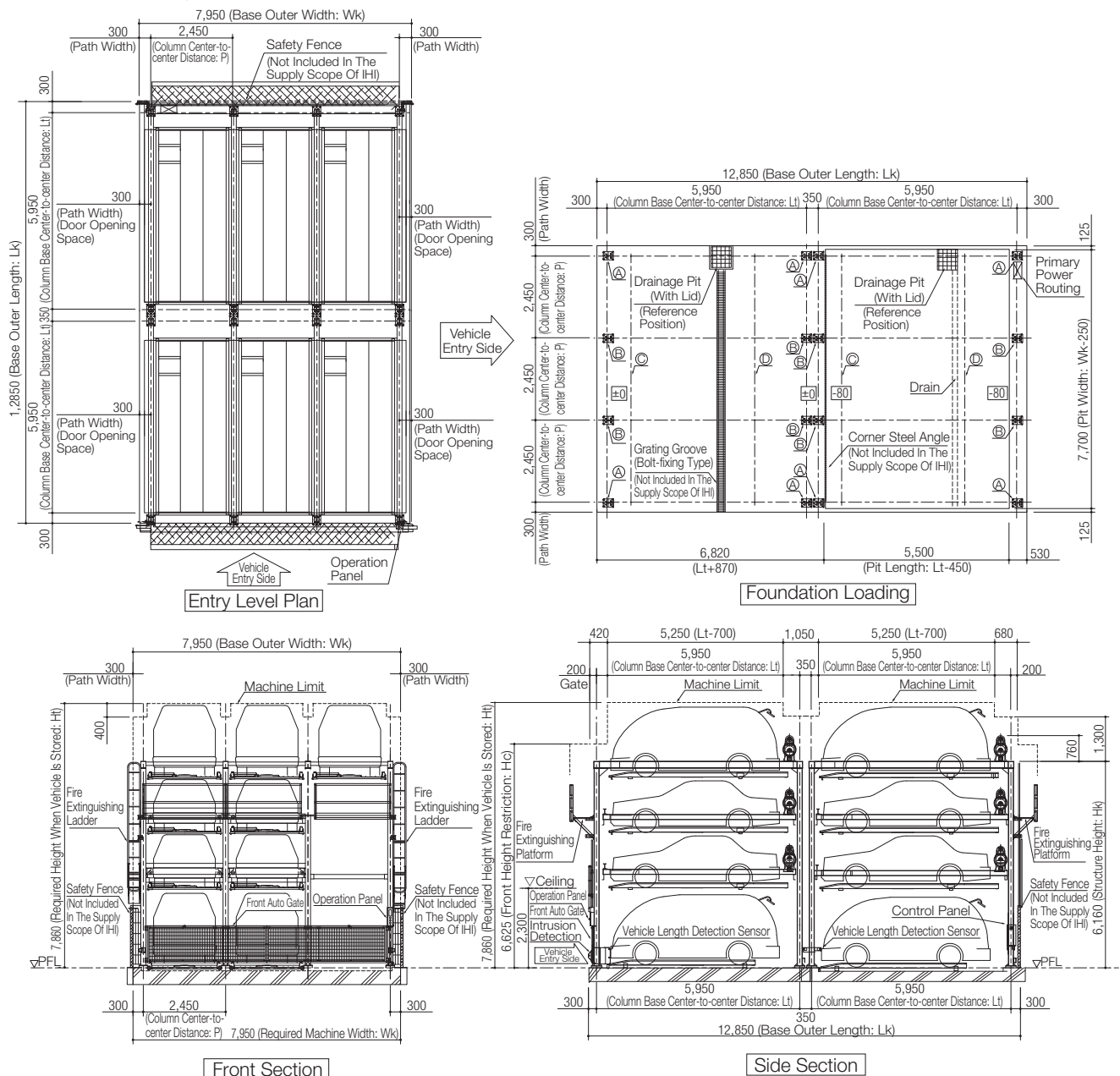
Power Supply	3 ϕ	10.0 kVA
	1 ϕ	1.0 kVA

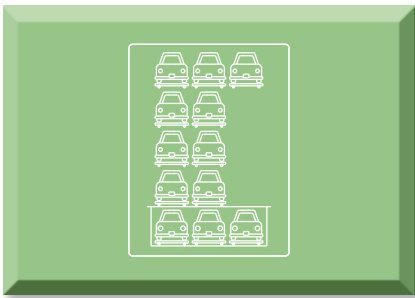
LZ40W - Dimensions Table

			S	M	L	Mm	MH
Accepted Maximum Vehicle Size	Maximum Length (mm)		4,700	5,050	5,300	5,050	5,050
	Maximum Width (mm)		1,700	1,850	1,950	1,850	1,850
	Maximum Height (mm)	4F	2,100	2,100	2,100	1,550	2,100
		3F	1,550	1,550	1,550	1,550	2,100
		2F	1,550	1,550	1,550	1,550	2,100
		1F	2,100	2,100	2,100	1,900	2,100
	Maximum Weight (kg)	4F, 3F, 2F	1,700	2,000	2,300	2,000	2,000
1F		1,700	2,200	2,300	2,200	2,200	
Machine Dimension Requirement	Base Outer Length : Lk (mm)		12,150	12,850	13,350	12,850	12,850
	Column Base Center-to-center Distance : Lt (mm)		5,600	5,950	6,200	5,950	5,950
	Column Center-to-center Distance : P (mm)		2,350	2,450	2,550	2,450	2,450
	Base Outer Width : Wk (mm)		P x no. of rows + 600	P x no. of rows + 600	P x no. of rows + 600	P x no. of rows + 600	P x no. of rows + 600
	Required Height : Ht (mm)		7,860	7,860	7,860	7,110	8,960
	Structure Height : Hk (mm)		6,160	6,160	6,160	5,960	7,260
	Front/Rear Height Limit : Hc (mm)		6,625	6,625	6,625	6,425	7,725
Loading Data	A/B (kg)		2,500/5,000	2,750/5,500	3,050/6,050	2,750/5,500	2,750/5,500
	C/D (kg/m)		700/510	760/550	790/570	760/550	760/550

LZ40W - Reference Drawing

* Dimensions in the drawing below represent dimensions for "M" size.





LZ41

Functions / Features

Front auto gate

Intruder detection sensor

Safety hooks

Vehicle length sensor at entry

Noise-reduced motor

Inverter control

Noise-reduced wheels

Touch-type operation panel

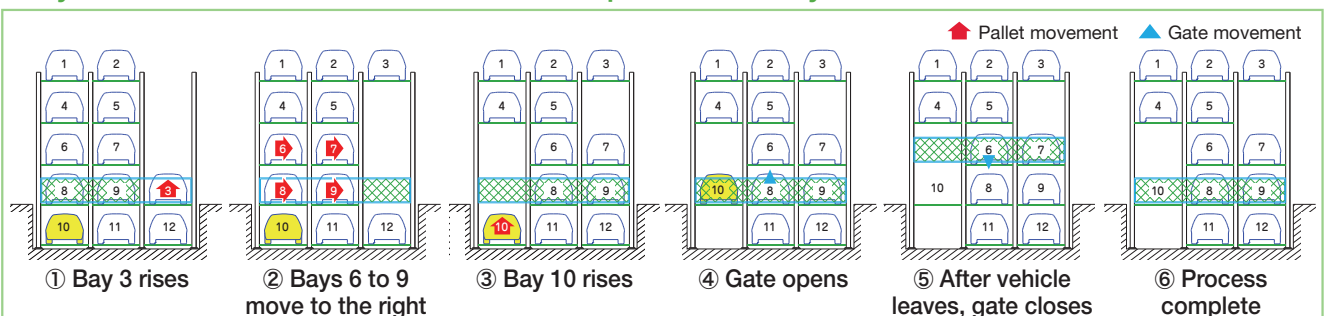
Electronic for on/off

Galvanized finishing

Accommodates minivans



System Movement <Retrieval of vehicle parked on "Bay 10">



Standard Specifications

Motor	Lifting	2.2 kW Geared Motor with Brake unit
	Traversing	0.2 kW Geared Motor with Brake unit
	Front Gate	0.2 kW Geared Motor with Brake unit

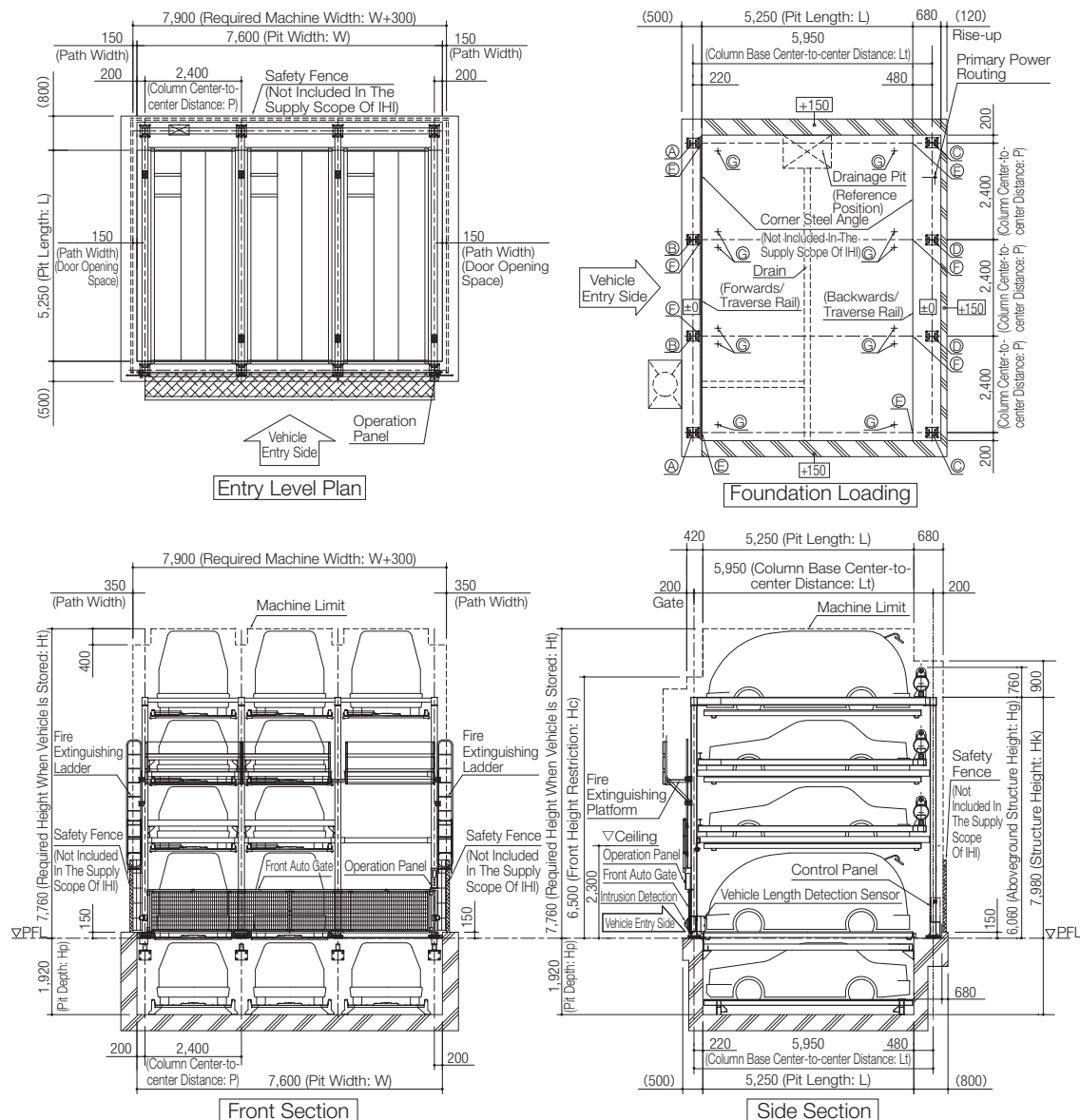
Power Supply	3 ϕ	5.0 kVA - 10.5 kVA
	1 ϕ	1.0 kVA

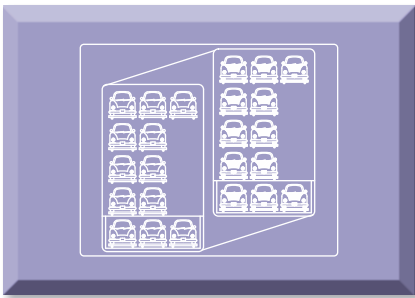
LZ41 - Dimensions Table

Accepted Maximum Vehicle Size	Maximum Length (mm)	S	M (M8)	L	Mm	MH
	Maximum Width (mm)	4,700	5,050	5,300	5,050	5,050
	Maximum Height (mm)	1,700	1,850	1,950	1,850	1,850
		4F	2,100	2,100	1,550	2,100
		3F	1,550	1,550	1,550	2,100
		2F	1,550	1,550	1,550	2,100
		1F	2,100	2,100	1,900	2,100
		B1	1,550	1,550	1,550	2,100
	Maximum Weight (kg)	1,700	2,000	2,300	2,000	2,000
Machine Dimension Requirement	Pit Length : L (mm)	4,900	5,250	5,500	5,250	5,250
	Column Base Center-to-center Distance : Lt (mm)	5,600	5,950	6,200	5,950	5,950
	Column Center-to-center Distance : P (mm)	2,300	2,400	2,500	2,400	2,400
	Pit Width : W (mm)	P x no. of rows + 400	P x no. of rows + 400	P x no. of rows + 400	P x no. of rows + 400	P x no. of rows + 400
	Pit Depth : Hp (mm)	1,920	1,920	1,920	1,920	2,470
	Required Height : Ht (mm)	7,760	7,760	7,760	7,010	8,860
	Aboveground Structure Height : Hg (mm)	6,060	6,060	6,060	5,860	7,160
	Structure Height : Hk (mm)	7,980	7,980	7,980	7,780	9,630
Loading Data	Front Height Restriction : Hc (mm)	6,500	6,500	6,500	6,300	7,600
	A/B (kg)	2,500/5,000	2,750/5,500	3,050/6,050	2,750/5,500	2,750/5,500
	C/D (kg)	2,500/5,000	2,750/5,500	3,050/6,050	2,750/5,500	2,750/5,500
	E, F/G (kg)	1,200/1,300	1,350/1,500	1,500/1,700	1,350/1,500	1,350/1,500

LZ41 - Reference Drawing

* Dimensions in the drawing below represent dimensions for "M (M8)" size.





LZ41W

Functions / Features

Front auto gate

Intruder detection sensor

Safety hooks

Vehicle length sensor at entry

Noise-reduced motor

Inverter control

Noise-reduced wheels

Touch-type operation panel

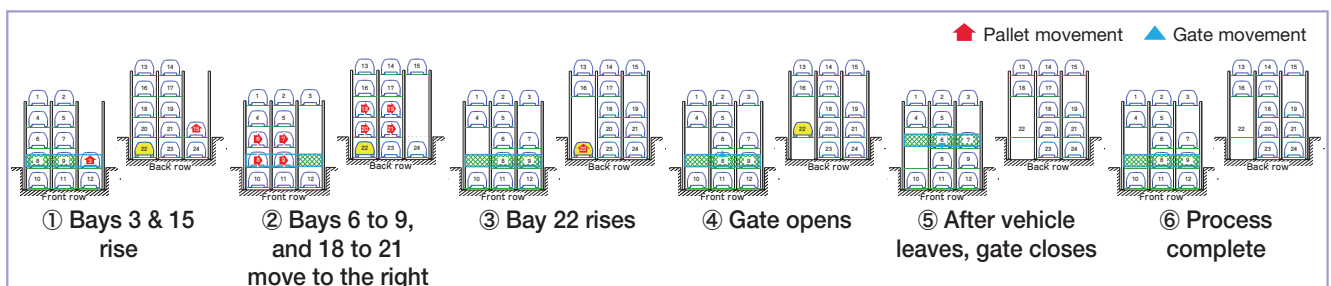
Electronic for on/off

Galvanized finishing

Accommodates minivans



System Movement <Retrieval of vehicle parked on "Bay 22">



Standard Specifications

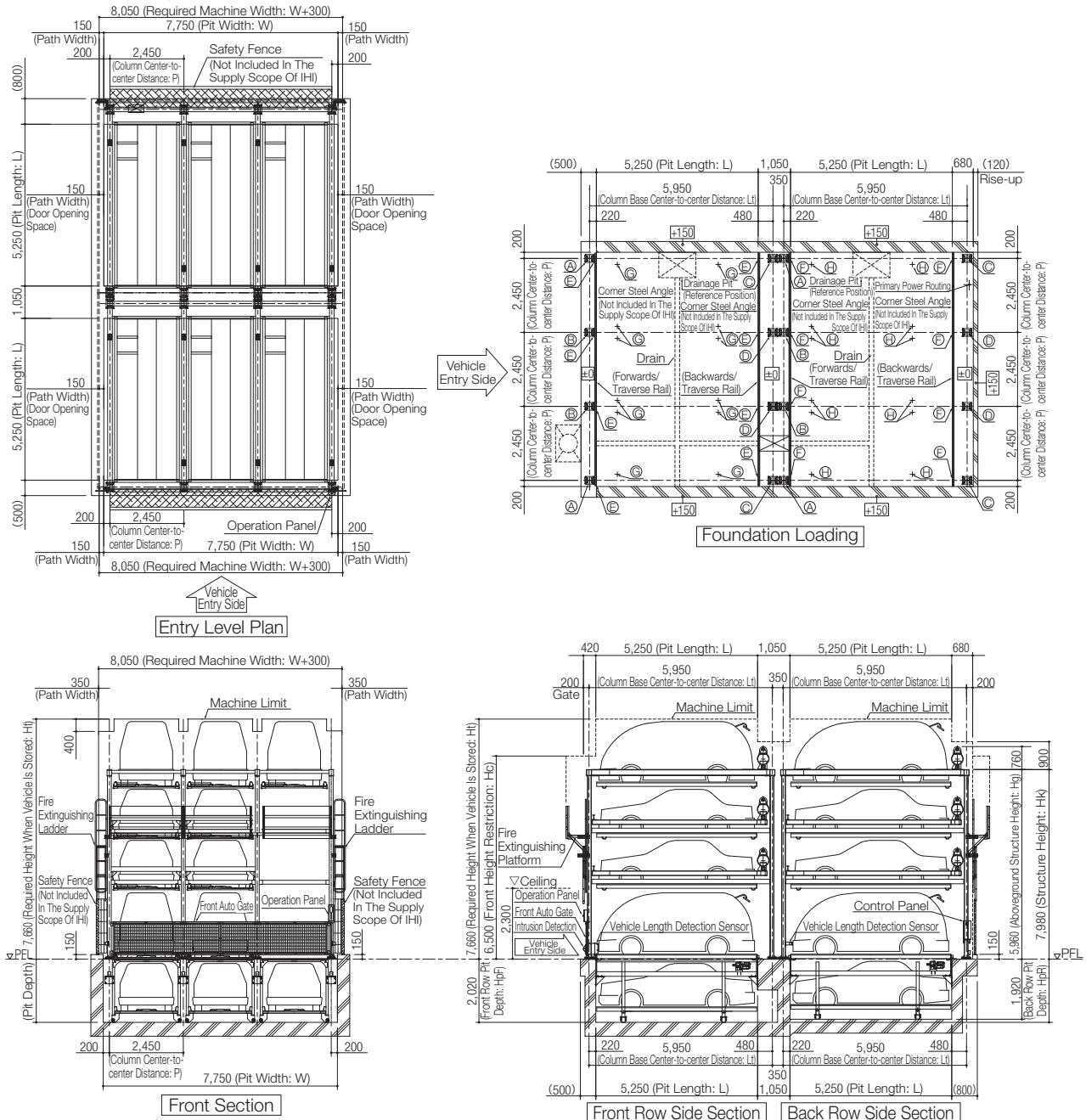
Motor	Lifting	2.2 kW Geared Motor with Brake unit	Power Supply	3 ϕ	10.0 kVA
	Traversing	0.2 kW Geared Motor with Brake unit		1 ϕ	1.0 kVA
	Front Gate	0.2 kW Geared Motor with Brake unit			

LZ41W - Dimensions Table

Accepted Maximum Vehicle Size	S		M		L		M8		MH	
	Maximum Length (mm)		4,700		5,050		5,300		5,050	
	Maximum Width (mm)		1,700		1,850		1,950		1,850	
	Maximum Height (mm)	4F	2,100	2,100	2,100	2,100	2,100	2,100	2,100	2,100
		3F	1,550	1,550	1,550	1,550	1,550	1,550	1,550	1,550
		2F	1,550	1,550	1,550	1,550	1,550	1,550	1,550	1,550
		1F	2,100	2,100	2,100	2,100	2,000	2,000	2,100	2,100
		B1	1,550	1,550	1,550	1,550	1,550	1,550	1,550	1,550
Machine Dimension Requirement	Maximum Weight (kg)		1,700		2,000		2,300		2,000	
	Pit Length : L (mm)		4,900	5,250	5,500	5,500	5,250	5,250	5,250	5,250
	Column Base Center-to-center Distance : Lt (mm)		5,600	5,950	6,200	6,200	5,950	5,950	5,950	5,950
	Column Center-to-center Distance : P (mm)		2,350	2,450	2,550	2,550	2,450	2,450	2,450	2,450
	Pit Width : W (mm)		P x no. of rows + 400	P x no. of rows + 400	P x no. of rows + 400	P x no. of rows + 400	P x no. of rows + 400	P x no. of rows + 400	P x no. of rows + 400	P x no. of rows + 400
	Front Row Pit Depth : HpF (mm)		2,020	2,020	2,020	2,020	2,020	2,020	2,570	2,570
	Back Row Pit Depth : HpR (mm)		1,920	1,920	1,920	1,920	1,920	1,920	2,470	2,470
	Required Height : Ht (mm)		7,760	7,760	7,760	7,760	7,660	7,660	8,860	8,860
	Aboveground Structure Height : Hg (mm)		6,060	6,060	6,060	6,060	5,960	5,960	7,160	7,160
	Structure Height : Hk (mm)		8,080	8,080	8,080	8,080	7,980	7,980	9,730	9,730
	Front Height Restriction : Hc (mm)		6,500	6,500	6,500	6,500	6,500	6,500	7,600	7,600
Loading Data	A/B (kg)		2,500/5,000	2,750/5,500	3,050/6,050	3,050/6,050	2,750/5,500	2,750/5,500	2,750/5,500	2,750/5,500
	C/D (kg)		2,500/5,000	2,750/5,500	3,050/6,050	3,050/6,050	2,750/5,500	2,750/5,500	2,750/5,500	2,750/5,500
	E/F (kg)		1,650/1,300	1,800/1,450	1,950/1,600	1,950/1,600	1,800/1,450	1,800/1,450	1,800/1,450	1,800/1,450
	G/H (kg)		1,500/1,300	1,650/1,500	1,850/1,700	1,850/1,700	1,650/1,500	1,650/1,500	1,650/1,500	1,650/1,500

LZ41W - Reference Drawing

* Dimensions in the drawing below represent dimensions for "M8" size.





LZ42

Functions / Features

Front auto gate

Intruder detection sensor

Safety hooks

Vehicle length sensor at entry

Noise-reduced motor

Inverter control

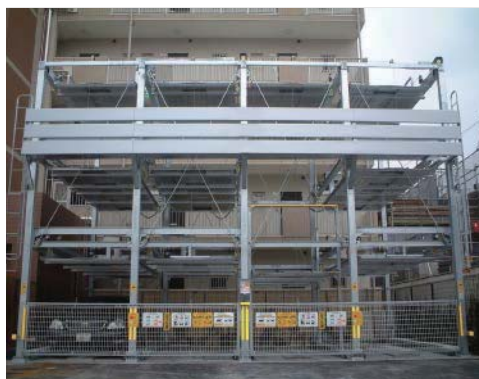
Noise-reduced wheels

Touch-type operation panel

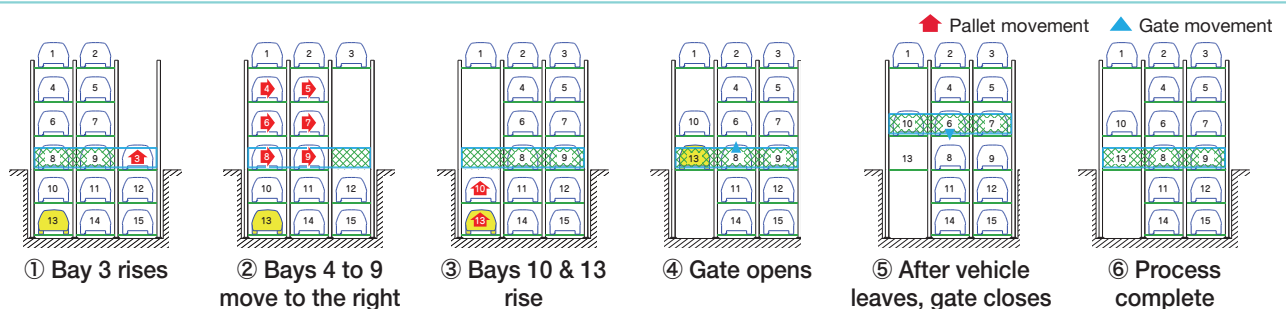
Electronic for on/off

Galvanized finishing

Accommodates minivans



System Movement <Retrieval of vehicle parked on "Bay 13">



Standard Specifications

Motor	Lifting	Aboveground lifting 2.2 kW, Underground lifting 3.7 kW Geared Motor with Brake unit
	Traversing	0.2 kW Geared Motor with Brake unit
	Front Gate	0.2 kW Geared Motor with Brake unit

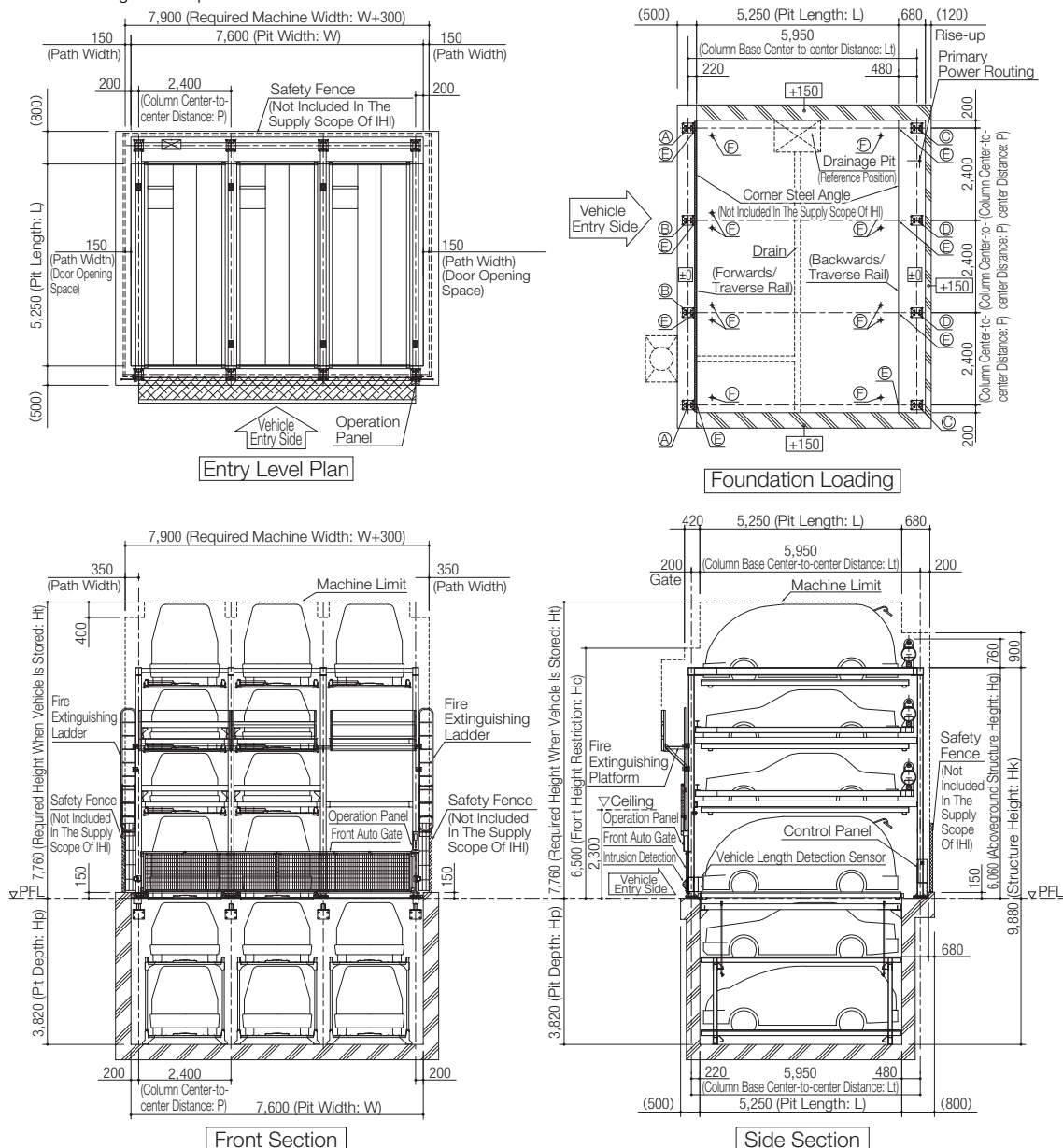
Power Supply	3 ϕ	8.0 kVA
	1 ϕ	1.0 kVA

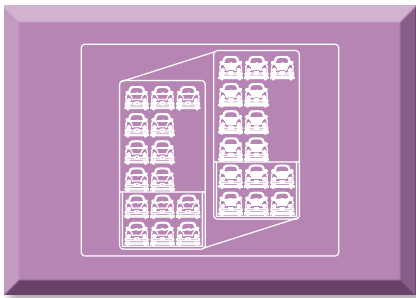
LZ42 - Dimensions Table

Accepted Maximum Vehicle Size	S		M		L		Mm		MH	
	Maximum Length (mm)		4,700		5,050		5,300		5,050	
	Maximum Width (mm)		1,700		1,850		1,950		1,850	
	Maximum Height (mm)	4F	2,100	2,100	2,100	2,100	2,100	2,100	2,100	2,100
		3F	1,550	1,550	1,550	1,550	1,550	1,550	1,550	1,550
		2F	1,550	1,550	1,550	1,550	1,550	1,550	1,550	1,550
		1F	2,100	2,100	2,100	2,100	1,900	2,100	2,100	2,100
		B1	1,550	1,550	1,550	1,550	1,550	1,550	1,550	1,550
		B2	1,800	1,800	1,800	1,800	1,550	2,100	2,100	2,100
Machine Dimension Requirement	Maximum Weight (kg)		1,700	2,000	2,300	2,000	2,000	2,000	2,000	2,000
	Pit Length : L (mm)		4,900	5,250	5,500	5,250	5,250	5,250	5,250	5,250
	Column Base Center-to-center Distance : Lt (mm)		5,600	5,950	6,200	5,950	5,950	5,950	5,950	5,950
	Column Center-to-center Distance : P (mm)		2,300	2,400	2,500	2,400	2,400	2,400	2,400	2,400
	Pit Width : W (mm)		P x no. of rows + 400	P x no. of rows + 400	P x no. of rows + 400	P x no. of rows + 400	P x no. of rows + 400	P x no. of rows + 400	P x no. of rows + 400	P x no. of rows + 400
	Pit Depth : Hp (mm)		3,820	3,820	3,820	3,570	4,670	4,670	4,670	4,670
	Required Height : Ht (mm)		7,760	7,760	7,760	7,010	8,860	8,860	8,860	8,860
	Aboveground Structure Height : Hg (mm)		6,060	6,060	6,060	5,860	7,160	7,160	7,160	7,160
	Structure Height : Hk (mm)		9,880	9,880	9,880	9,430	11,830	11,830	11,830	11,830
	Front Height Restriction : Hc (mm)		6,500	6,500	6,500	6,300	7,600	7,600	7,600	7,600
Loading Data	A/B (kg)		2,500/5,000	2,750/5,500	3,050/6,050	2,750/5,500	2,750/5,500	2,750/5,500	2,750/5,500	2,750/5,500
	C/D (kg)		2,500/5,000	2,750/5,500	3,050/6,050	2,750/5,500	2,750/5,500	2,750/5,500	2,750/5,500	2,750/5,500
	E/F (kg)		2,400/1,950	2,800/2,250	3,100/2,550	2,800/2,250	2,800/2,250	2,800/2,250	2,800/2,250	2,800/2,250

LZ42 - Reference Drawing

* Dimensions in the drawing below represent dimensions for "M" size.





LZ42W

Functions / Features

Front auto gate

Intruder detection sensor

Safety hooks

Vehicle length sensor at entry

Noise-reduced motor

Inverter control

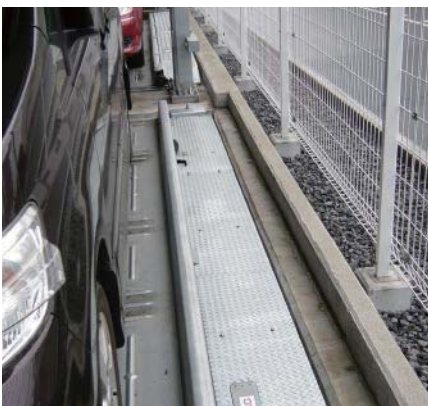
Noise-reduced wheels

Touch-type operation panel

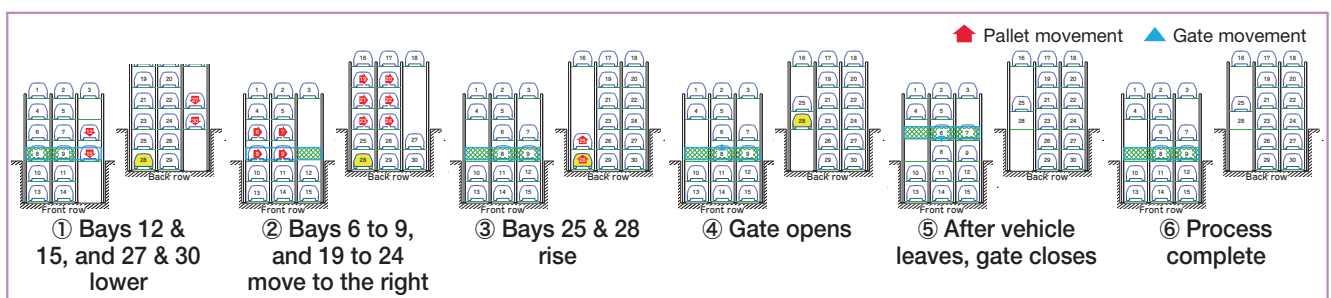
Electronic for on/off

Galvanized finishing

Accommodates minivans



System Movement <Retrieval of vehicle parked on "Bay 28">



Standard Specifications

Motor	Lifting	Aboveground lifting 2.2 kW, Underground lifting 3.7 kW Geared Motor with Brake unit
	Traversing	0.2 kW Geared Motor with Brake unit
	Front Gate	0.2 kW Geared Motor with Brake unit

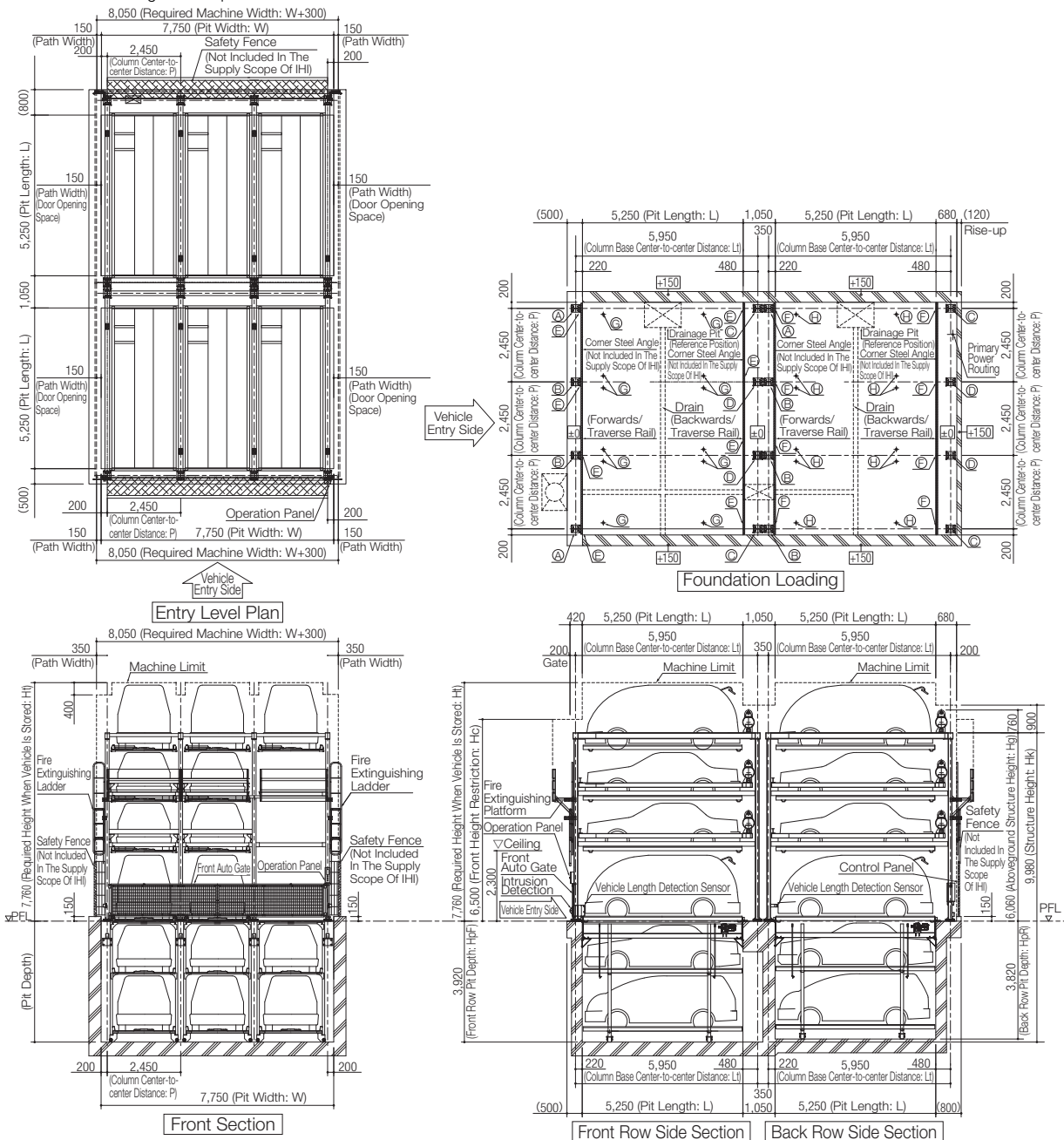
Power Supply	3 ϕ	16.0 kVA
	1 ϕ	1.0 kVA

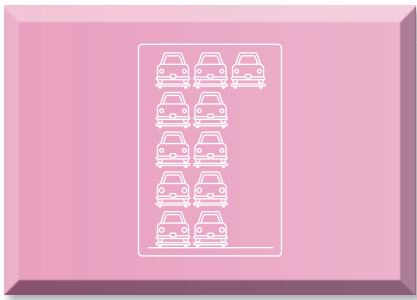
LZ42W - Dimensions Table

Accepted Maximum Vehicle Size						
		S	M	L	Mm	MH
Maximum Length (mm)	Maximum Length (mm)	4,700	5,050	5,300	5,050	5,050
	Maximum Width (mm)	1,700	1,850	1,950	1,850	1,850
	4F	2,100	2,100	2,100	1,550	2,100
	3F	1,550	1,550	1,550	1,550	2,100
	2F	1,550	1,550	1,550	1,550	2,100
	1F	2,100	2,100	2,100	1,900	2,100
	B1	1,550	1,550	1,550	1,550	2,100
	B2	1,800	1,800	1,800	1,550	2,100
Machine Dimension Requirement	Maximum Weight (kg)	1,700	2,000	2,300	2,000	2,000
	Pit Length : L (mm)	4,900	5,250	5,500	5,250	5,250
	Column Base Center-to-center Distance : Lt (mm)	5,600	5,950	6,200	5,950	5,950
	Column Center-to-center Distance : P (mm)	2,350	2,450	2,550	2,450	2,450
	Pit Width : W (mm)	P x no. of rows + 400	P x no. of rows + 400	P x no. of rows + 400	P x no. of rows + 400	P x no. of rows + 400
	Front Row Pit Depth : HpF (mm)	3,920	3,920	3,920	3,670	4,770
	Back Row Pit Depth : HpR (mm)	3,820	3,820	3,820	3,570	4,670
	Required Height : Ht (mm)	7,760	7,760	7,760	7,010	8,860
	Aboveground Structure Height : Hg (mm)	6,060	6,060	6,060	5,860	7,160
	Structure Height : Hk (mm)	9,980	9,980	9,980	9,530	11,930
	Front Height Restriction : Hc (mm)	6,500	6,500	6,500	6,300	7,600
	A/B (kg)	2,500/5,000	2,750/5,500	3,050/6,050	2,750/5,500	2,750/5,500
Loading Data	C/D (kg)	2,500/5,000	2,750/5,500	3,050/6,050	2,750/5,500	2,750/5,500
	E/F (kg)	2,850/2,800	3,150/2,800	3,450/3,100	3,150/2,800	3,150/2,800
	G/H (kg)	2,250/1,950	2,450/2,250	2,700/2,550	2,450/2,250	2,450/2,250

LZ42W - Reference Drawing

* Dimensions in the drawing below represent dimensions for "M" size.





LZ50

Functions / Features

Front auto gate

Intruder detection sensor

Safety hooks

Vehicle length sensor at entry

Noise-reduced motor

Inverter control

Noise-reduced wheels

Touch-type operation panel

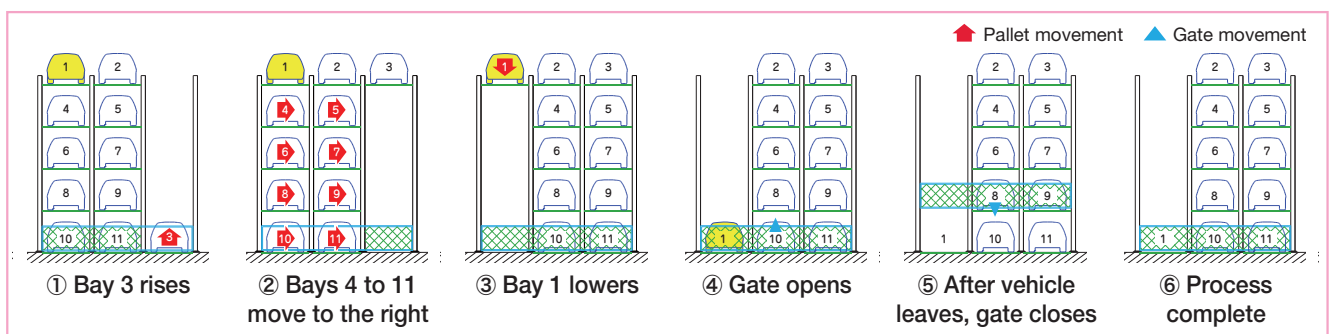
Electronic for on/off

Galvanized finishing

Accommodates minivans



System Movement <Retrieval of vehicle parked on "Bay 1">



Standard Specifications

Motor	Lifting	2.2 kW Geared Motor with Brake unit
	Traversing	0.2 kW Geared Motor with Brake unit
	Front Gate	0.2 kW Geared Motor with Brake unit

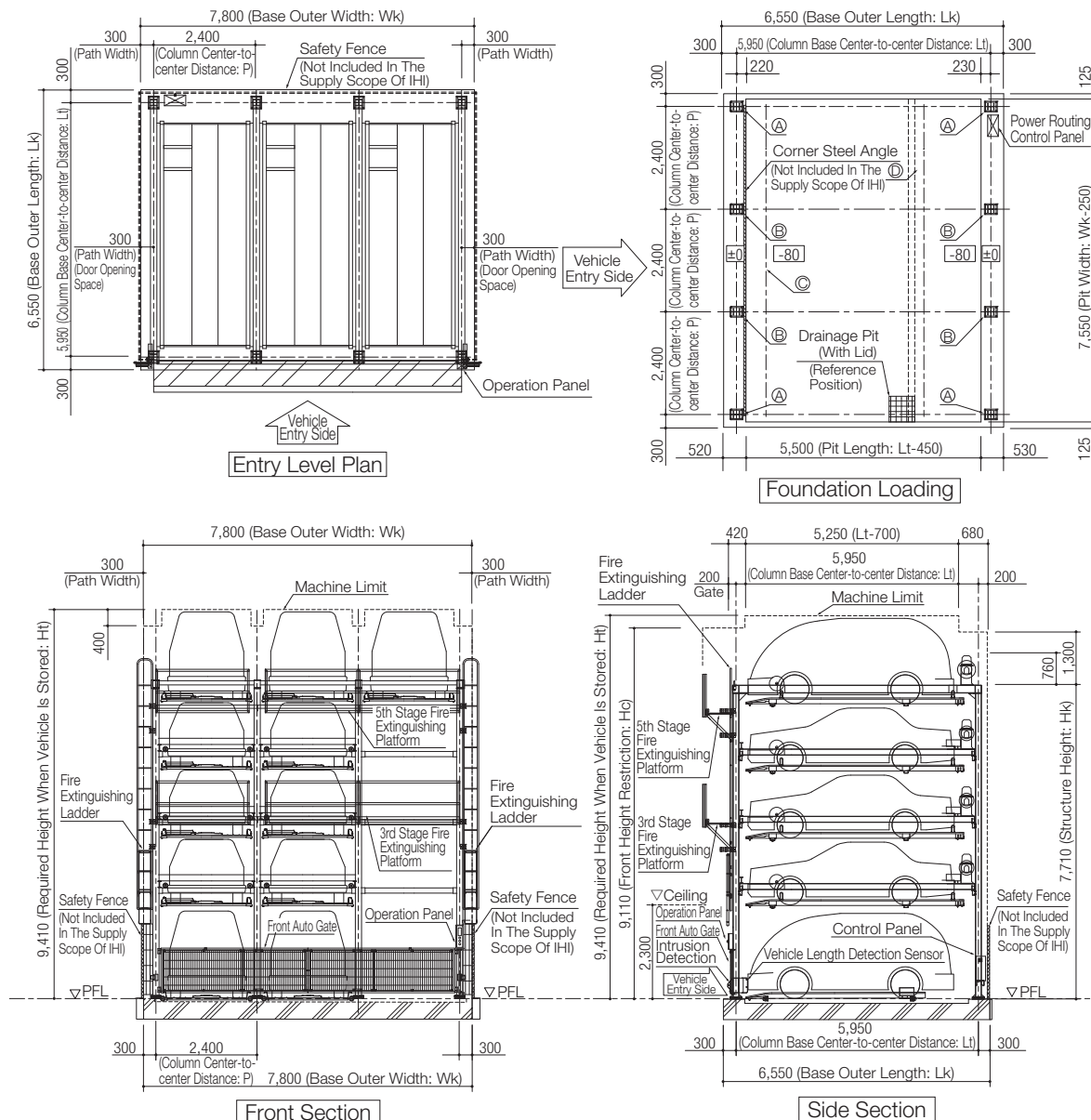
Power Supply	3 ϕ	5.0 kVA - 14.0 kVA
	1 ϕ	1.0 kVA

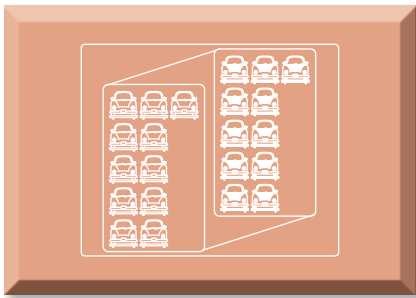
LZ50 - Dimensions Table

		S	M	L	Mm	M8
Accepted Maximum Vehicle Size	Maximum Length (mm)	4,700	5,050	5,300	5,050	5,050
	Maximum Width (mm)	1,700	1,850	1,950	1,850	1,850
	Maximum Height (mm)	5F	2,100	2,100	1,550	2,100
		4F	1,550	1,550	1,550	1,800
		2 to 3F	1,550	1,550	1,550	1,550
		1F	2,100	2,100	1,900	2,100
	Maximum Weight (kg)	2 to 5F	1,700	2,000	2,300	2,000
		1F	1,700	2,200	2,300	2,200
Machine Dimension Requirement	Base Outer Length : Lk (mm)	6,200	6,550	6,800	6,550	6,550
	Column Base Center-to-center Distance : Lt (mm)	5,600	5,950	6,200	5,950	5,950
	Column Center-to-center Distance : P (mm)	2,300	2,400	2,500	2,400	2,400
	Base Outer Width : Wk (mm)	P x no. of rows + 600	P x no. of rows + 600	P x no. of rows + 600	P x no. of rows + 600	P x no. of rows + 600
	Required Height : Ht (mm)	9,410	9,410	9,410	8,660	9,660
	Structure Height : Hk (mm)	7,710	7,710	7,710	7,510	7,960
	Front Height Restriction : Hc (mm)	9,110	9,110	9,110	8,910	9,360
Loading Data	A/B (kg)	3,300/6,600	3,650/7,300	4,050/8,000	3,650/7,300	3,650/7,300
	C/D (kg)	700/510	760/550	790/570	760/550	760/550

LZ50 - Reference Drawing

* Dimensions in the drawing below represent dimensions for "M" size.





LZ50W

Functions / Features

Front auto gate

Intruder detection sensor

Safety hooks

Vehicle length sensor at entry

Noise-reduced motor

Inverter control

Noise-reduced wheels

Touch-type operation panel

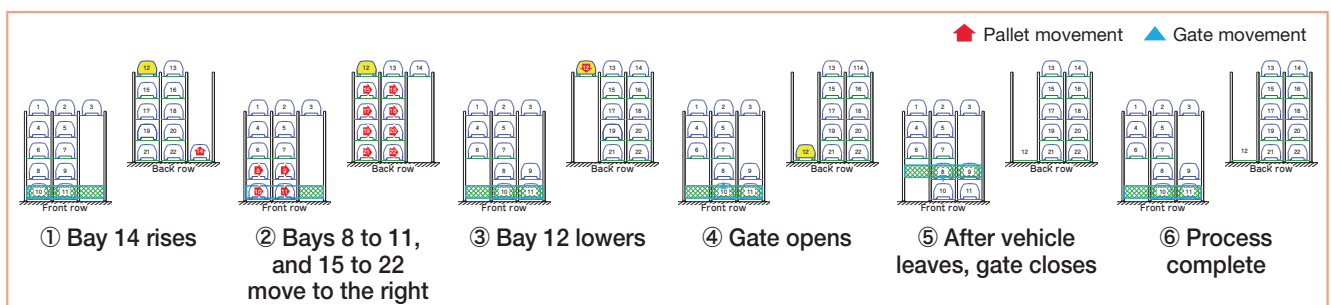
Electronic for on/off

Galvanized finishing

Accommodates minivans



System Movement <Retrieval of vehicle parked on "Bay 12">



Standard Specifications

Motor	Lifting	2.2 kW Geared Motor with Brake unit
	Traversing	0.2 kW Geared Motor with Brake unit
	Front Gate	0.2 kW Geared Motor with Brake unit

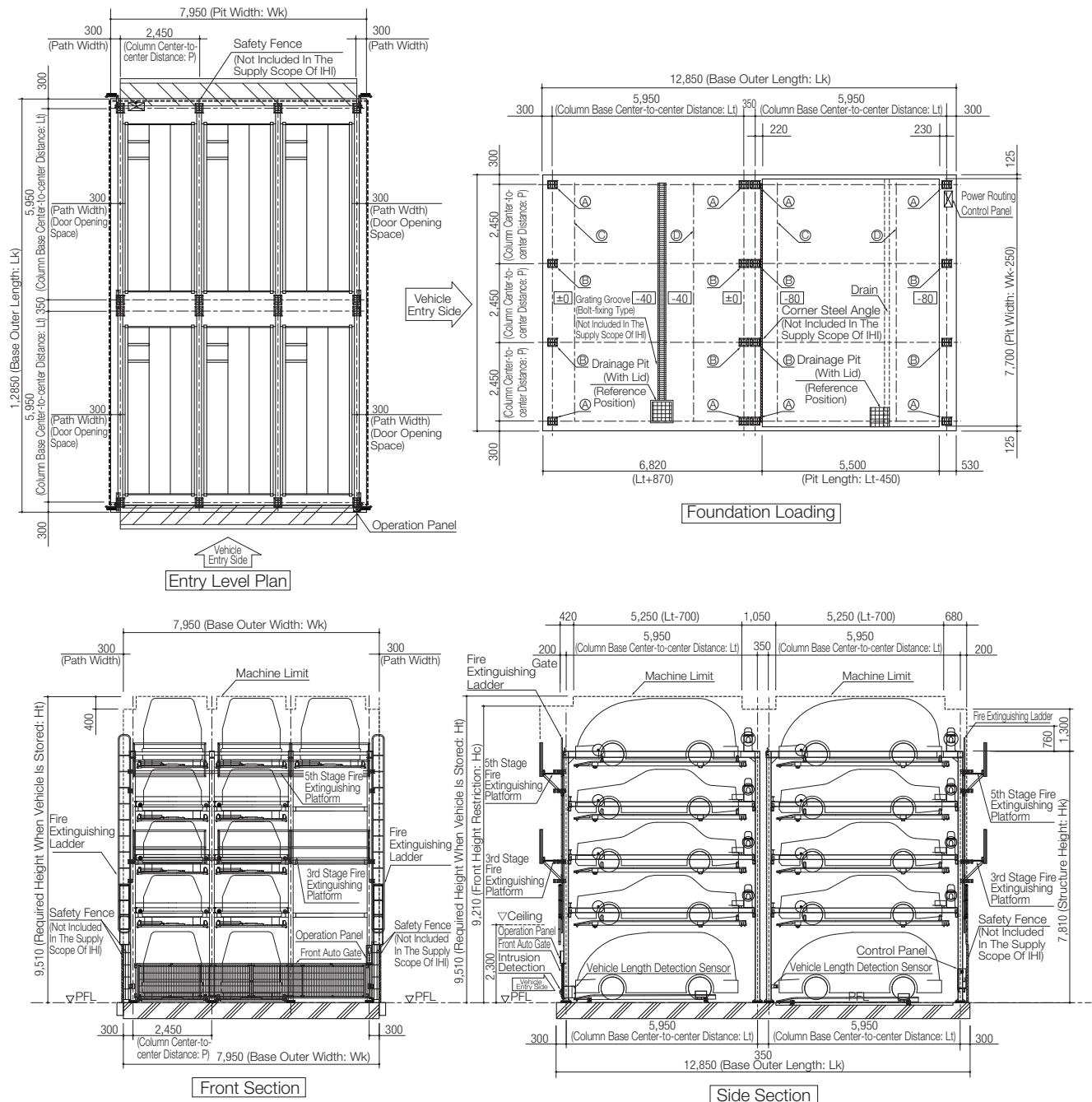
Power Supply	3 ϕ	10.0 kVA
	1 ϕ	1.0 kVA

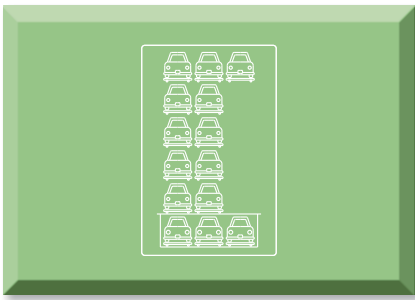
LZ50W - Dimensions Table

Accepted Maximum Vehicle Size	Maximum Length (mm)		S	M	L	Mm	MH
	Maximum Width (mm)		4,700	5,050	5,300	5,050	5,050
	Maximum Height (mm)	5F	1,700	1,850	1,950	1,850	1,850
		4F	2,100	2,100	2,100	1,550	2,100
		2 to 3F	1,550	1,550	1,550	1,550	1,700
		1F	1,550	1,550	1,550	1,550	1,550
	Maximum Weight (kg)	2 to 5F	2,100	2,100	2,100	1,900	2,100
		1F	1,700	2,000	2,300	2,000	2,000
Machine Dimension Requirement	Base Outer Length : Lk (mm)		12,150	12,850	13,350	12,850	12,850
	Column Base Center-to-center Distance : Lt (mm)		5,600	5,950	6,200	5,950	5,950
	Column Center-to-center Distance : P (mm)		2,350	2,450	2,550	2,450	2,450
	Base Outer Width : Wk (mm)		P x no. of rows + 600	P x no. of rows + 600	P x no. of rows + 600	P x no. of rows + 600	P x no. of rows + 600
	Required Height : Ht (mm)		9,510	9,510	9,510	8,760	9,660
	Structure Height : Hk (mm)		7,810	7,810	7,810	7,610	7,960
	Front/Rear Height Limit : Hc (mm)		9,210	9,210	9,210	9,010	9,360
Loading Data	A/B (kg)		3,300/6,600	3,650/7,300	4,050/8,000	3,650/7,300	3,650/7,300
	C/D (kg)		700/510	760/550	790/570	760/550	760/550

LZ50W – Reference Drawing

* Dimensions in the drawing below represent dimensions for "M" size.





LZ51

Functions / Features

Front auto gate

Intruder detection sensor

Safety hooks

Vehicle length sensor at entry

Noise-reduced motor

Inverter control

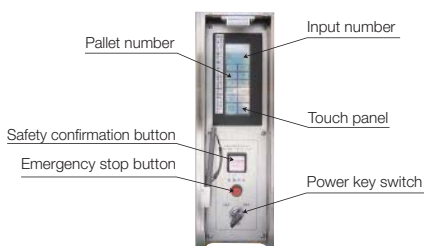
Noise-reduced wheels

Touch-type operation panel

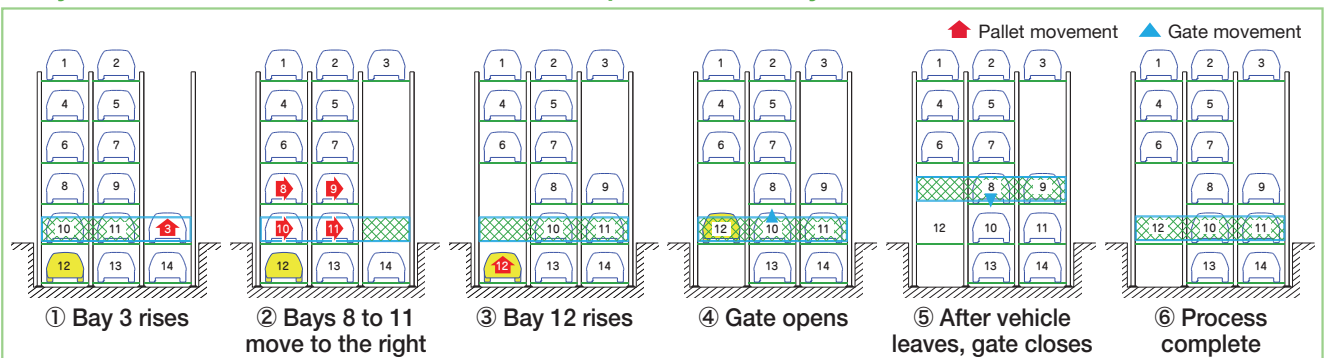
Electronic for on/off

Galvanized finishing

Accommodates minivans



System Movement <Retrieval of vehicle parked on "Bay 12">



Standard Specifications

Motor	Lifting	2.2 kW Geared Motor with Brake unit
	Traversing	0.2 kW Geared Motor with Brake unit
	Front Gate	0.2 kW Geared Motor with Brake unit

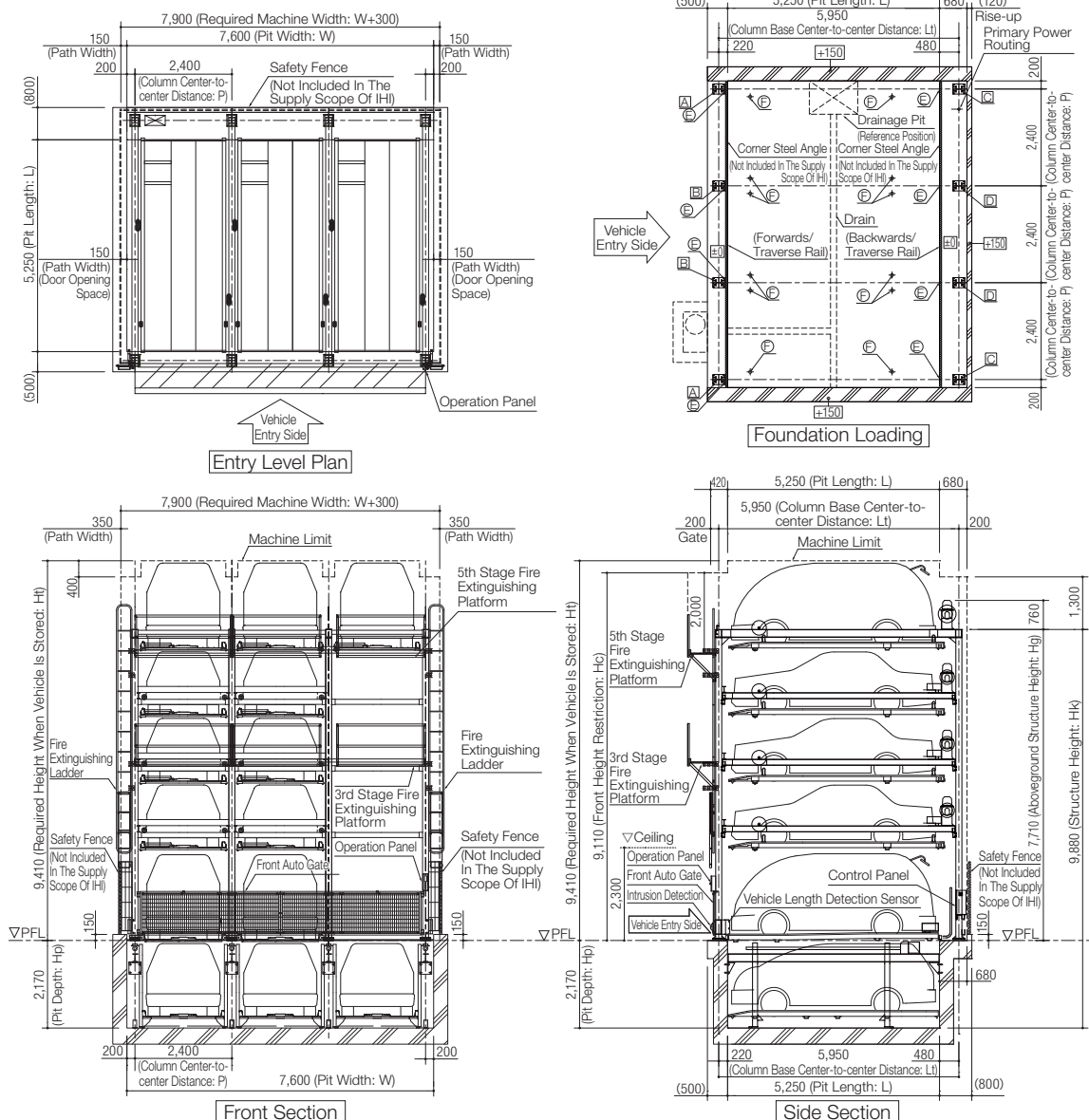
Power Supply	3 ϕ	5.0 kVA - 12.0 kVA
	1 ϕ	1.0 kVA

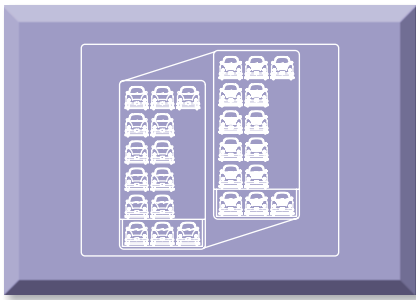
LZ51 - Dimensions Table

Accepted Maximum Vehicle Size	S		M		L		Mm		MH	
	Maximum Length (mm)		4,700		5,050		5,300		5,050	
	Maximum Width (mm)		1,700		1,850		1,950		1,850	
	Maximum Height (mm)	5F	2,100		2,100		2,100		1,550	
		4F	1,550		1,550		1,550		1,550	
		3F	1,550		1,550		1,550		1,550	
		2F	1,550		1,550		1,550		1,550	
		1F	2,100		2,100		1,900		2,100	
		B1	1,550		1,550		1,550		2,100	
	Maximum Weight (kg)		1,700		2,000		2,300		2,000	
Machine Dimension Requirement	Pit Length : L (mm)		4,900		5,250		5,500		5,250	
	Column Base Center-to-center Distance : Lt (mm)		5,600		5,950		6,200		5,950	
	Column Center-to-center Distance : P (mm)		2,300		2,400		2,500		2,400	
	Pit Width : W (mm)		P x no. of rows + 400		P x no. of rows + 400		P x no. of rows + 400		P x no. of rows + 400	
	Pit Depth : Hp (mm)		1,920		1,920		1,920		2,470	
	Required Height : Ht (mm)		9,410		9,410		9,410		8,660	
	Aboveground Structure Height : Hg (mm)		7,710		7,710		7,710		7,510	
	Structure Height : Hk (mm)		9,630		9,630		9,630		10,430	
Loading Data	Front Height Restriction : Hc (mm)		9,110		9,110		9,110		8,910	
	A/B (kg)		3,300/6,600		3,650/7,300		4,050/8,000		3,650/7,300	
	C/D (kg)		3,300/6,600		3,650/7,300		4,050/8,000		3,650/7,300	
	E/F (kg)		1,500/1,300		1,650/1,500		1,850/1,700		1,650/1,500	

LZ51 - Reference Drawing

* Dimensions in the drawing below represent dimensions for "M" size.





LZ51W

Functions / Features

Front auto gate

Intruder detection sensor

Safety hooks

Vehicle length sensor at entry

Noise-reduced motor

Inverter control

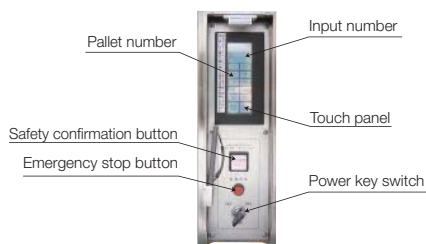
Noise-reduced wheels

Touch-type operation panel

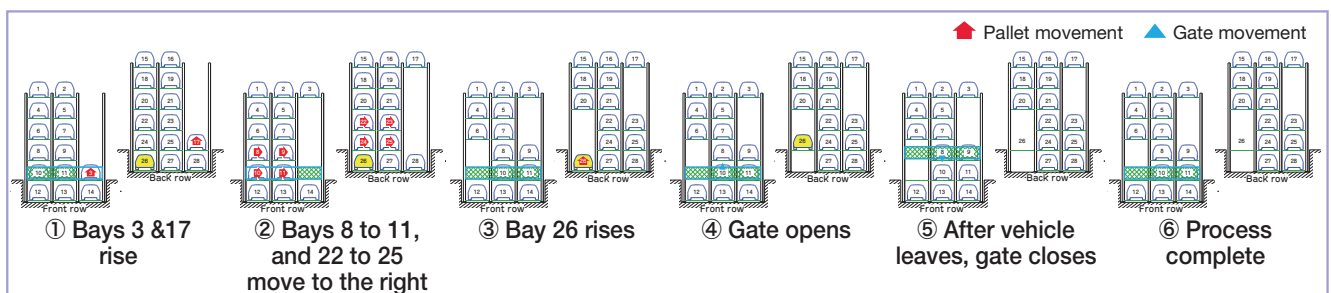
Electronic for on/off

Galvanized finishing

Accommodates minivans



System Movement <Retrieval of vehicle parked on "Bay 26">



Standard Specifications

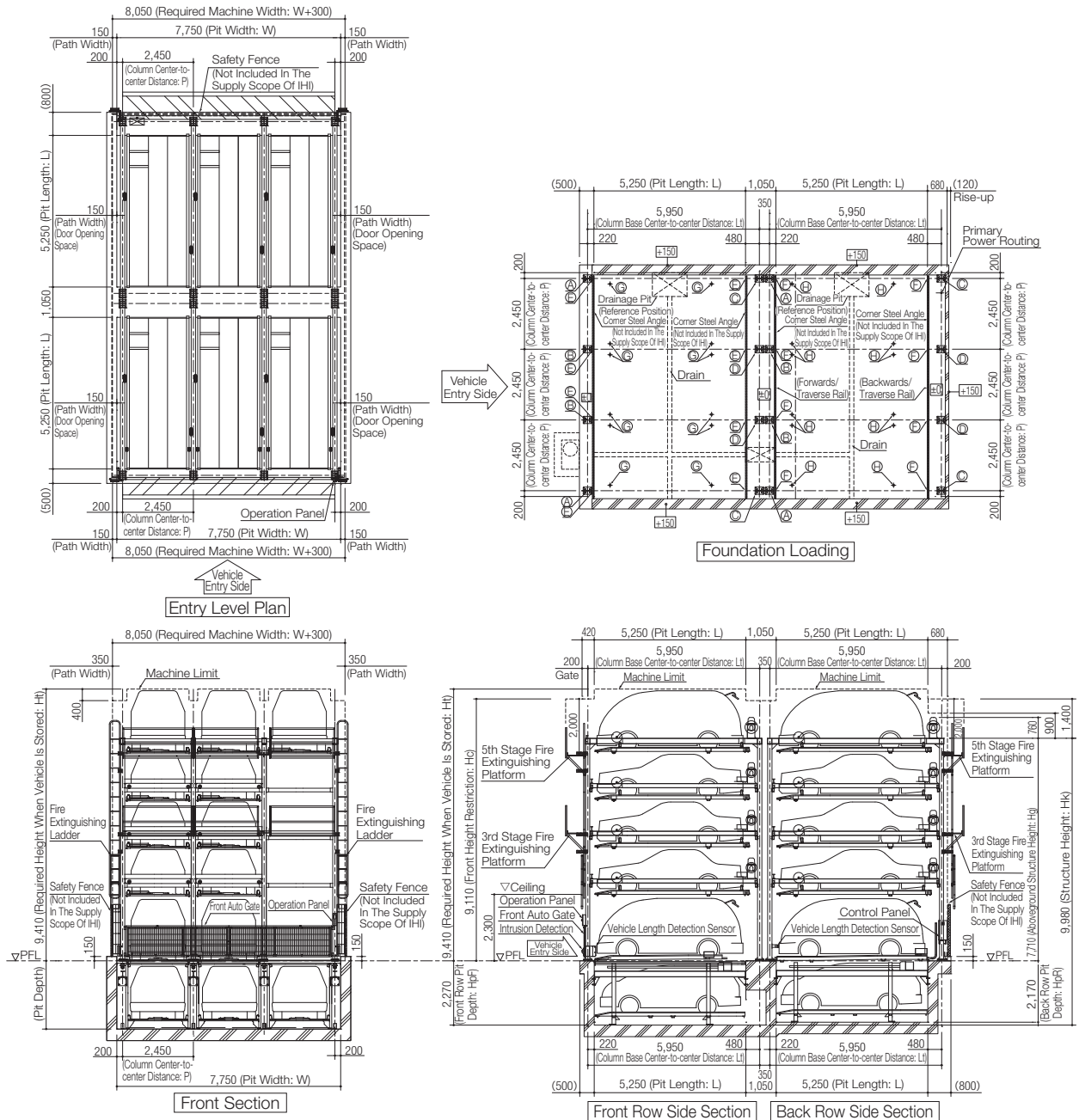
Motor	Lifting	2.2 kW Geared Motor with Brake unit	Power Supply	3 ϕ	10.0 kVA - 16.0 kVA
	Traversing	0.2 kW Geared Motor with Brake unit		1 ϕ	1.0 kVA
	Front Gate	0.2 kW Geared Motor with Brake unit			

LZ51W - Dimensions Table

Accepted Maximum Vehicle Size	S					
	M					
Machine Dimension Requirement	L					
	Mm					
Loading Data	MH					
Machine Dimension Requirement	Maximum Length (mm)	4,700	5,050	5,300	5,050	5,050
	Maximum Width (mm)	1,700	1,850	1,950	1,850	1,850
	Maximum Height (mm)	5F	2,100	2,100	2,100	2,100
		4F	1,550	1,550	1,550	1,800
		3F	1,550	1,550	1,550	1,550
		2F	1,550	1,550	1,550	1,550
		1F	2,100	2,100	1,900	2,100
		B1	1,800	1,800	1,550	2,100
	Maximum Weight (kg)	1,700	2,000	2,300	2,000	2,000
	Pit Length : L (mm)	4,900	5,250	5,500	5,250	5,250
	Column Base Center-to-center Distance : Lt (mm)	5,600	5,950	6,200	5,950	5,950
Loading Data	Column Center-to-center Distance : P (mm)	2,350	2,450	2,550	2,450	2,450
	Pit Width : W (mm)	P x no. of rows + 400	P x no. of rows + 400	P x no. of rows + 400	P x no. of rows + 400	P x no. of rows + 400
	Front Row Pit Depth : HpF (mm)	2,270	2,270	2,270	2,020	2,570
	Back Row Pit Depth : HpR (mm)	2,170	2,170	2,170	1,920	2,470
	Required Height : Ht (mm)	9,410	9,410	9,410	8,660	9,660
	Aboveground Structure Height : Hg (mm)	7,710	7,710	7,710	7,510	7,960
	Structure Height : Hk (mm)	9,980	9,980	9,980	9,530	10,530
	Front Height Restriction : Hc (mm)	9,010	9,010	9,010	8,810	9,260
	A/B (kg)	3,300/6,600	3,650/7,300	4,050/8,000	3,650/7,300	3,650/7,300
	C/D (kg)	3,300/6,600	3,650/7,300	4,050/8,000	3,650/7,300	3,650/7,300
Loading Data	E/F (kg)	1,650/1,300	1,800/1,450	1,950/1,600	1,800/1,450	1,800/1,450
	G/H (kg)	1,500/1,300	1,650/1,500	1,850/1,700	1,650/1,500	1,650/1,500

LZ51W - Reference Drawing

* Dimensions in the drawing below represent dimensions for "M" size.





LZ52

Functions / Features

Front auto gate

Intruder detection sensor

Safety hooks

Vehicle length sensor at entry

Noise-reduced motor

Inverter control

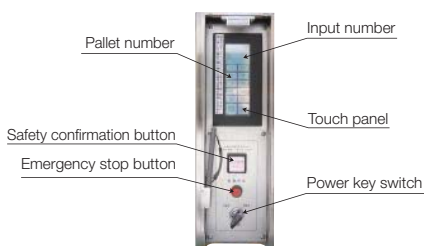
Noise-reduced wheels

Touch-type operation panel

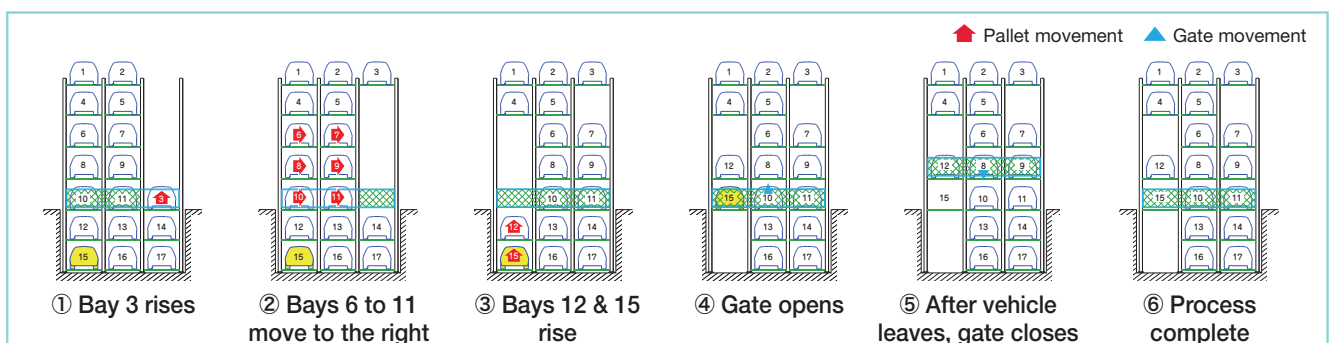
Electronic for on/off

Galvanized finishing

Accommodates minivans



System Movement <Retrieval of vehicle parked on "Bay 15">



Standard Specifications

Motor	Lifting	Aboveground lifting 2.2 kW, Underground lifting 3.7 kW Geared Motor with Brake unit
	Traversing	0.2 kW Geared Motor with Brake unit
	Front Gate	0.2 kW Geared Motor with Brake unit

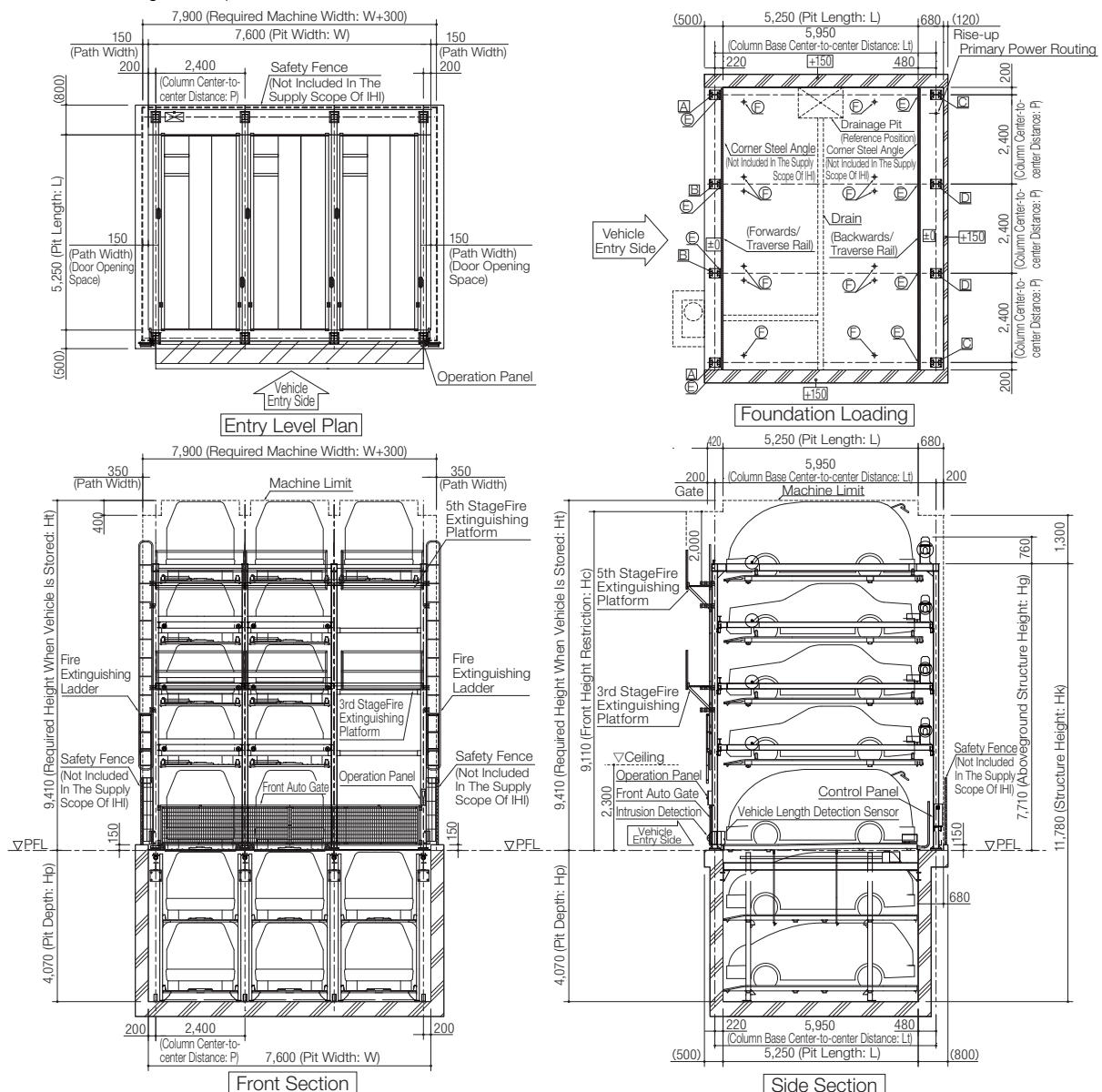
Power Supply	3 ϕ	8.0 kVA - 10.0 kVA
	1 ϕ	1.0 kVA

LZ52 - Dimensions Table

Accepted Maximum Vehicle Size			S	M	L	Mm	MH
	Maximum Length (mm)		4,700	5,050	5,300	5,050	5,050
	Maximum Width (mm)		1,700	1,850	1,950	1,850	1,850
	Maximum Height (mm)	5F	2,100	2,100	2,100	1,550	2,100
		4F	1,550	1,550	1,550	1,550	1,800
		3F	1,550	1,550	1,550	1,550	1,550
		2F	1,550	1,550	1,550	1,550	1,550
		1F	2,100	2,100	2,100	1,900	2,100
		B1	1,800	1,800	1,800	1,550	2,100
		B2	1,800	1,800	1,800	1,550	2,100
Machine Dimension Requirement	Maximum Weight (kg)		1,700	2,000	2,300	2,000	2,000
	Pit Length : L (mm)		4,900	5,250	5,500	5,250	5,250
	Column Base Center-to-center Distance: Lt (mm)		5,600	5,950	6,200	5,950	5,950
	Column Center-to-center Distance : P (mm)		2,300	2,400	2,500	2,400	2,400
	Pit Width : W (mm)		P x no. of rows + 400	P x no. of rows + 400	P x no. of rows + 400	P x no. of rows + 400	P x no. of rows + 400
	Pit Depth : Hp (mm)		4,070	4,070	4,070	3,570	4,670
	Required Height : Ht (mm)		9,410	9,410	9,410	8,660	9,660
	Aboveground Structure Height : Hg (mm)		7,710	7,710	7,710	7,510	7,960
Loading Data	Structure Height : Hk (mm)		11,780	11,780	11,780	11,080	12,630
	Front Height Restriction : Hc (mm)		9,110	9,110	9,110	8,910	9,360
	A/B (kg)		3,300/6,600	3,650/7,300	4,050/8,000	3,650/7,300	3,650/7,300
	C/D (kg)		3,300/6,600	3,650/7,300	4,050/8,000	3,650/7,300	3,650/7,300
Loading Data	E/F (kg)		2,250/1,950	2,450/2,250	2,700/2,550	2,450/2,250	2,450/2,250

LZ52 - Reference Drawing

* Dimensions in the drawing below represent dimensions for "M" size.





LZ52W

Functions / Features

Front auto gate

Intruder detection sensor

Safety hooks

Vehicle length sensor at entry

Noise-reduced motor

Inverter control

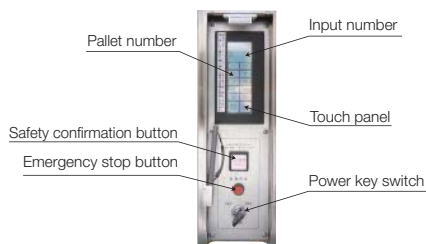
Noise-reduced wheels

Touch-type operation panel

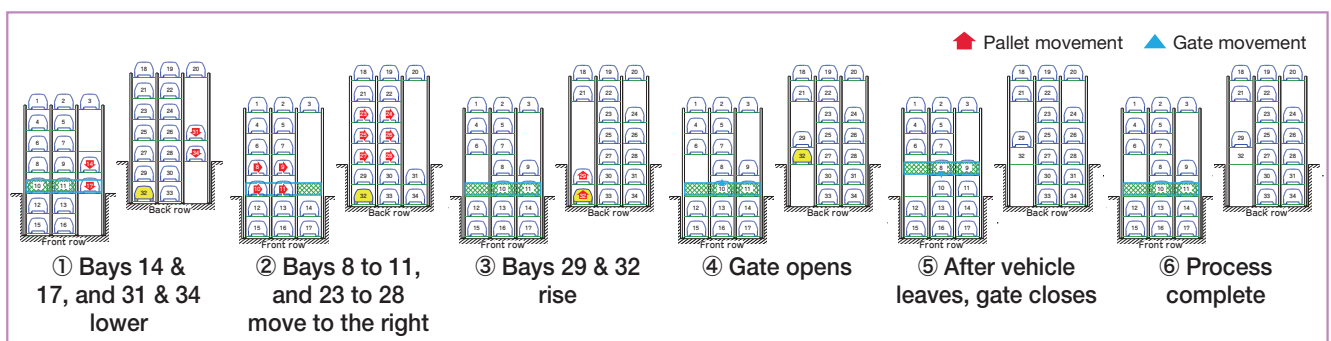
Electronic for on/off

Galvanized finishing

Accommodates minivans



System Movement <Retrieval of vehicle parked on "Bay 32">



Standard Specifications

Motor	Lifting	Aboveground lifting 2.2 kW, Underground lifting 3.7 kW Geared Motor with Brake unit
	Traversing	0.2 kW Geared Motor with Brake unit
	Front Gate	0.2 kW Geared Motor with Brake unit

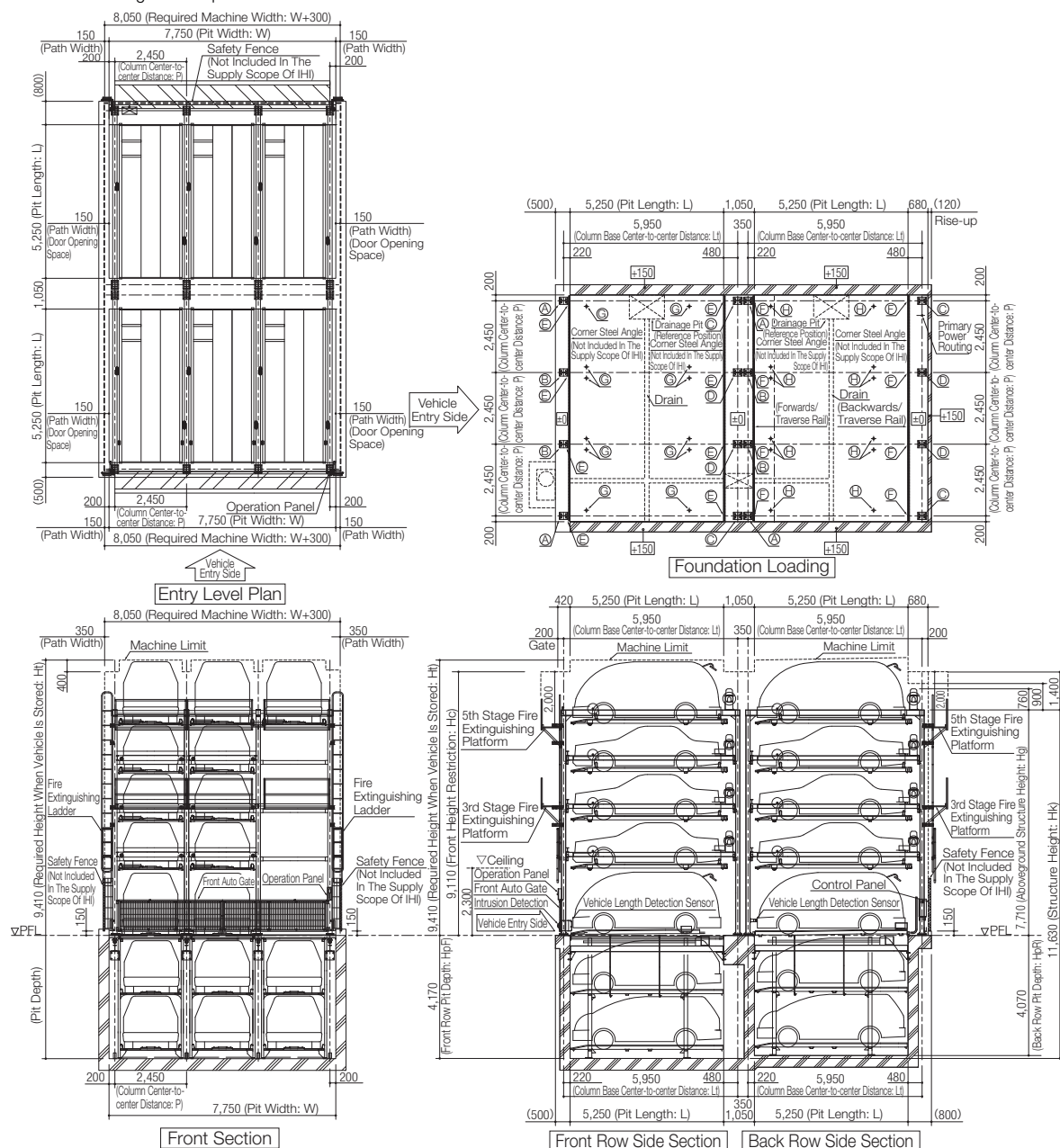
Power Supply	3 ϕ	16.0 kVA
	1 ϕ	1.0 kVA

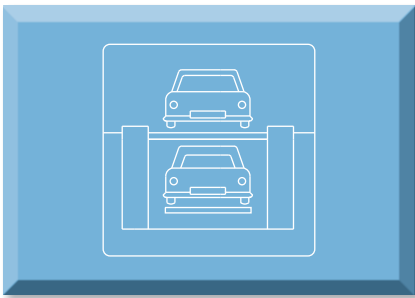
LZ52W - Dimensions Table

Accepted Maximum Vehicle Size	Maximum Length (mm)			S	M	L	Mm	MH
	Maximum Width (mm)			4,700	5,050	5,300	5,050	5,050
	Maximum Height (mm)	5F	2,100	2,100	2,100	1,950	1,850	1,850
		4F	1,550	1,550	1,550	1,550	1,550	1,550
		3F	1,550	1,550	1,550	1,550	1,550	1,550
		2F	1,550	1,550	1,550	1,550	1,550	1,550
		1F	2,100	2,100	2,100	1,900	2,100	2,100
		B1	1,800	1,800	1,800	1,550	2,100	2,100
		B2	1,800	1,800	1,800	1,550	2,100	2,100
Maximum Weight (kg)			1,700	2,000	2,300	2,000	2,000	
Machine Dimension Requirement	Pit Length	: L (mm)	4,900	5,250	5,500	5,250	5,250	
	Column Base Center-to-center Distance	: Lt (mm)	5,600	5,950	6,200	5,950	5,950	
	Column Center-to-center Distance	: P (mm)	2,350	2,450	2,550	2,450	2,450	
	Pit Width	: W (mm)	P x no. of rows + 400	P x no. of rows + 400	P x no. of rows + 400	P x no. of rows + 400	P x no. of rows + 400	
	Front Row Pit Depth	: HpF (mm)	4,170	4,170	4,170	3,670	4,770	
	Back Row Pit Depth	: HpR (mm)	4,070	4,070	4,070	3,570	4,670	
	Required Height	: Ht (mm)	9,410	9,410	9,410	8,660	9,660	
	Aboveground Structure Height	: Hg (mm)	7,710	7,710	7,710	7,510	7,960	
	Structure Height	: Hk (mm)	11,880	11,880	11,880	11,180	12,730	
	Front Height Restriction	: Hc (mm)	9,010	9,010	9,010	8,810	9,260	
Loading Data	A/B (kg)		3,300/6,600	3,650/7,300	4,050/8,000	3,650/7,300	3,650/7,300	
	C/D (kg)		3,300/6,600	3,650/7,300	4,050/8,000	3,650/7,300	3,650/7,300	
	E/F (kg)		2,850/2,500	3,150/2,800	3,450/3,100	3,150/2,800	3,150/2,800	
	G/H (kg)		2,250/1,950	2,450/2,250	2,700/2,500	2,450/2,250	2,450/2,250	

LZ52W – Reference Drawing

* Dimensions in the drawing below represent dimensions for "M" size.

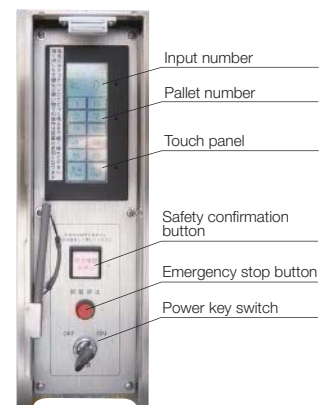




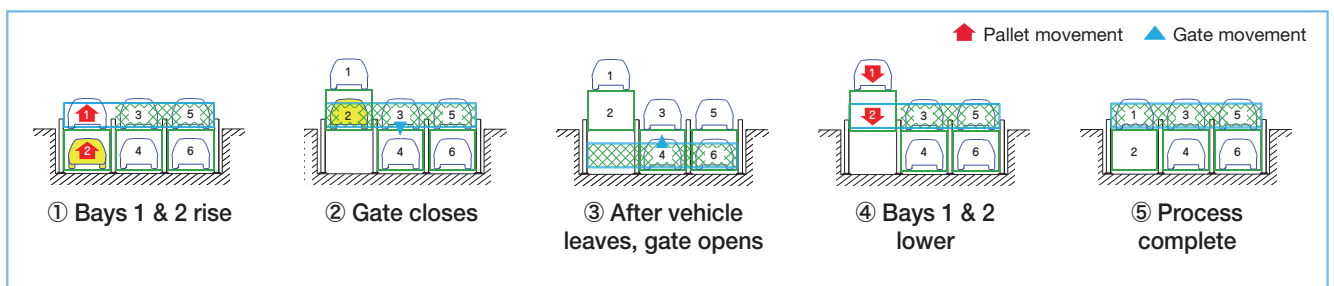
P2FC

Functions / Features

- Front auto gate
- Intruder detection sensor
- Safety hooks
- Vehicle length sensor at entry
- Touch-type operation panel
- Adjacent pallet interlock
- Noise-reduced hydraulic unit
- Electronic for on/off
- Galvanized finishing
- Accommodates minivans



System Movement <Retrieval of vehicle parked on "Bay 2">



Standard Specifications

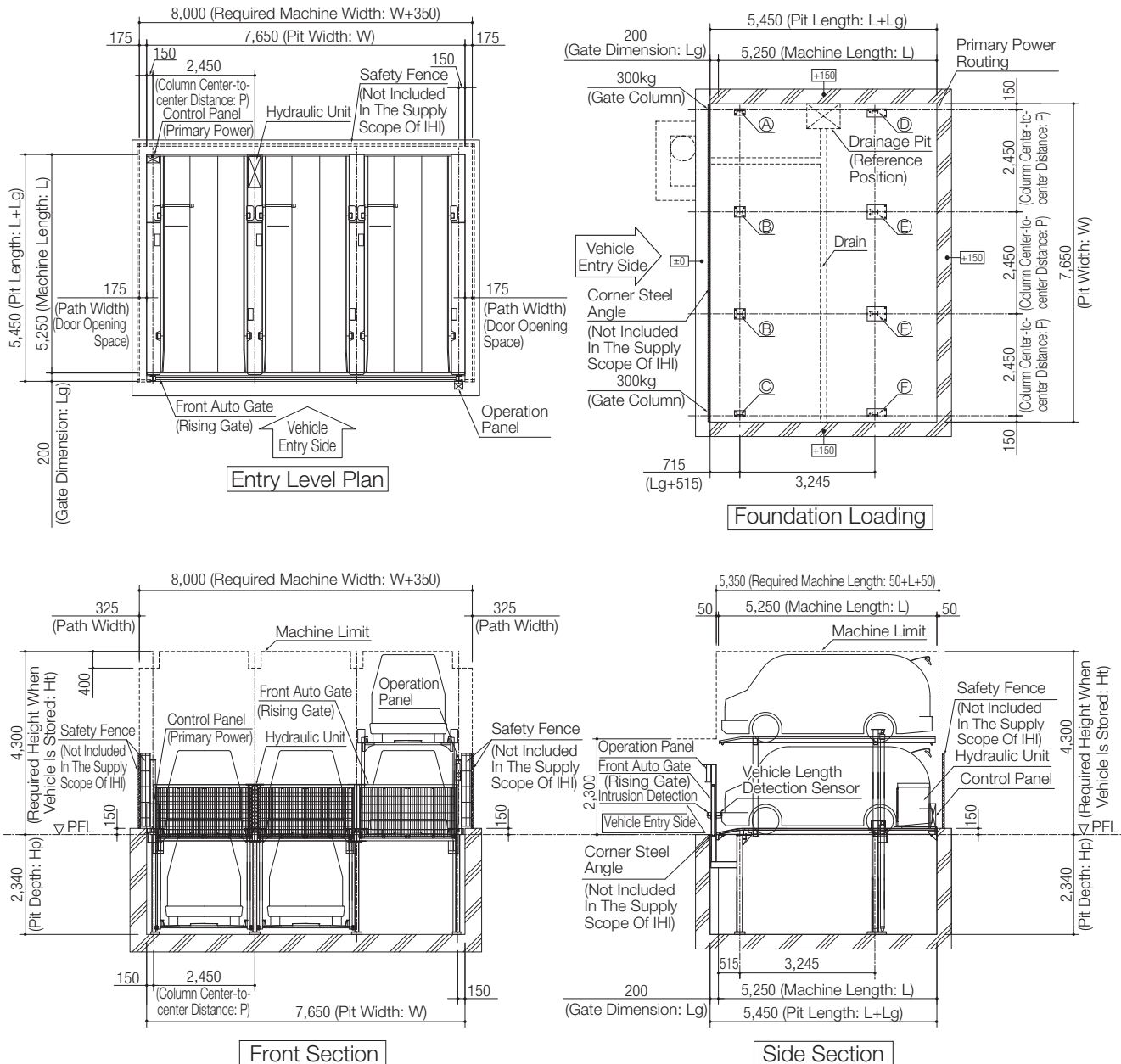
Motor	Lifting	2.2 kW Geared Motor with Brake unit	Power Supply	3 ϕ	5.0 kVA
	Front Gate	0.2 kW Geared Motor with Brake unit		1 ϕ	1.0 kVA

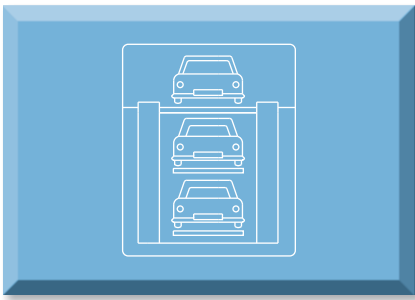
P2FC - Dimensions Table

		S	M	L	Mm	MH
Maximum Length (mm)		4,700	5,050	5,300	5,050	5,050
Maximum Width (mm)		1,700	1,850	1,950	1,850	1,850
Maximum Height (mm)	1F	2,100	2,100	2,100	1,550	2,100
	B1	1,550	1,550	1,550	1,550	2,000
Maximum Weight (kg)		1,700	2,000	2,300	2,000	2,000
Machine Length : L (mm)		4,900	5,250	5,500	5,250	5,250
Gate Dimension : Lg (mm)		550	550	550	550	200
Column Center-to-center Distance : P (mm)		2,350	2,450	2,550	2,450	2,450
Pit Width : W (mm)	P x no. of rows + 300	P x no. of rows + 300	P x no. of rows + 300	P x no. of rows + 300	P x no. of rows + 300	P x no. of rows + 300
Pit Depth : Hp (mm)		1,890	1,890	1,890	1,890	2,340
Required Height : Ht (mm)		3,850	3,850	3,850	3,300	4,300
Loading Data (kg)	A, C	1,900	2,150	2,350	2,150	2,150
	D, F	2,600	2,850	3,050	2,850	2,850
	B/E	3,800/4,600	4,300/5,100	4,700/5,600	4,300/5,100	4,300/5,100

P2FC – Reference Drawing

* Dimensions in the drawing below represent dimensions for "MH" size.





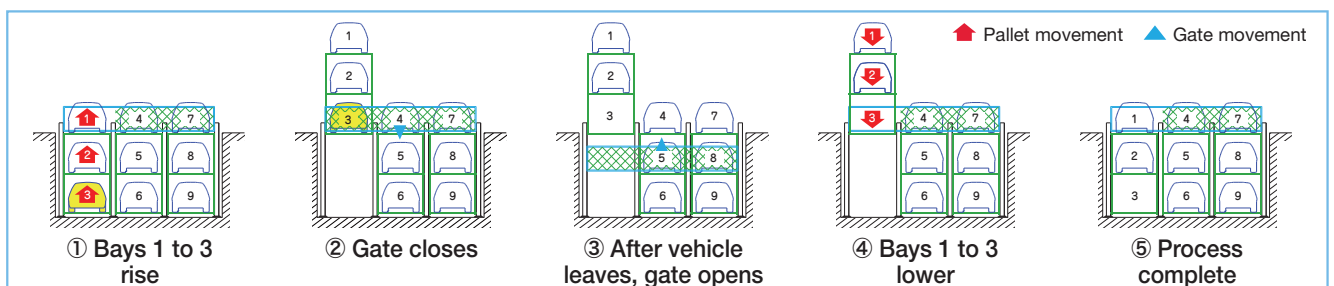
P3FC

Functions / Features

- Front auto gate
- Intruder detection sensor
- Safety hooks
- Vehicle length sensor at entry
- Touch-type operation panel
- Adjacent pallet interlock
- Noise-reduced hydraulic unit
- Electronic for on/off
- Galvanized finishing
- Accommodates minivans



System Movement <Retrieval of vehicle parked on "Bay 3">



Standard Specifications

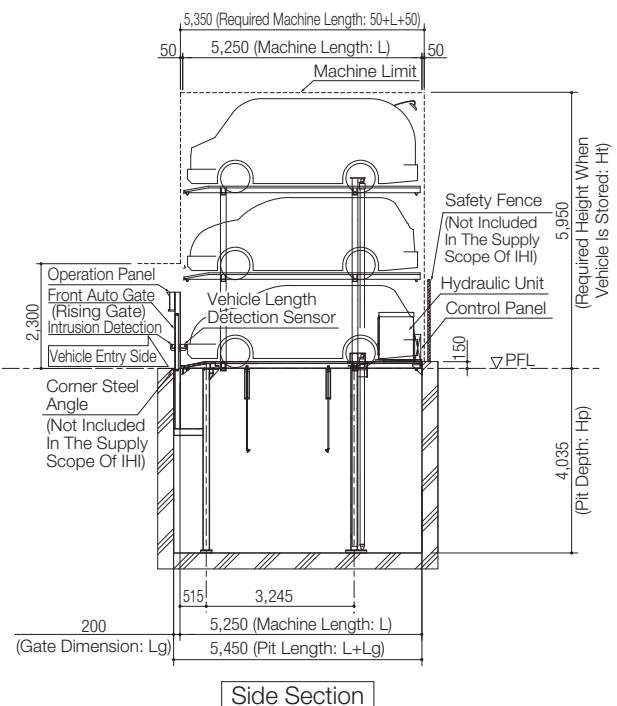
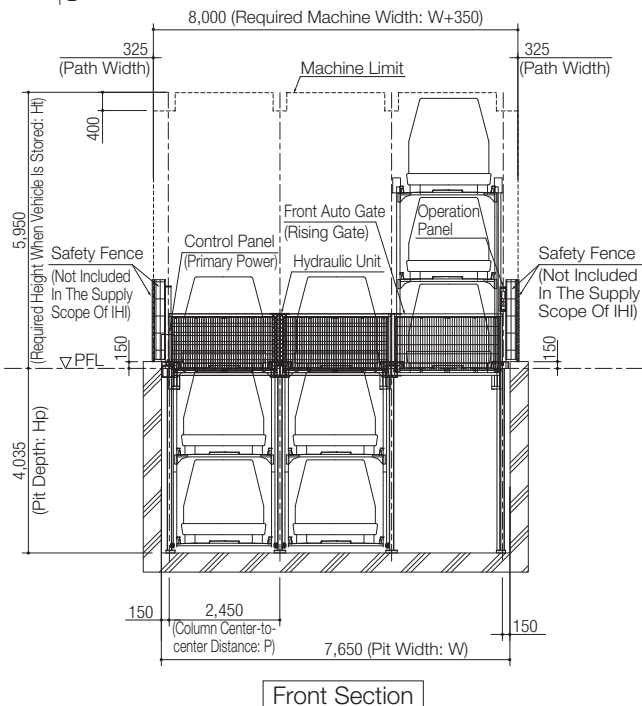
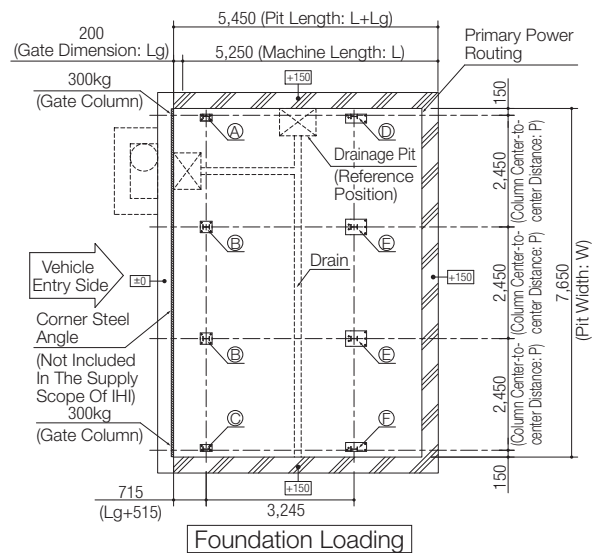
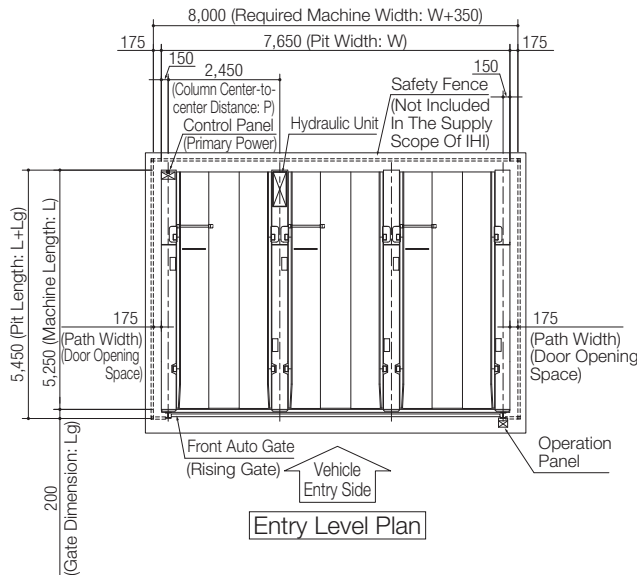
Motor	Lifting	3.7 kW Geared Motor with Brake unit	Power Supply	3 ϕ	7.5 kVA
	Front Gate	0.2 kW Geared Motor with Brake unit		1 ϕ	1.0 kVA

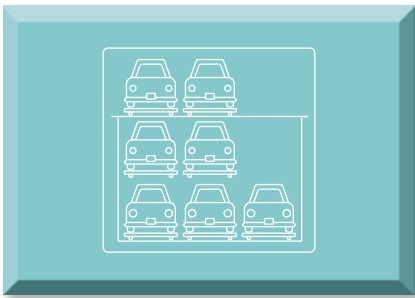
P3FC - Dimensions Table

	S	M	L	Mm	MH1D	M8
Maximum Length (mm)	4,700	5,050	5,300	5,050	5,050	5,050
Maximum Width (mm)	1,700	1,850	1,950	1,850	1,850	1,850
Maximum Height (mm)	1F	2,100	2,100	2,100	2,100	2,100
	B1	1,550	1,550	1,550	1,550	1,750
	B2	1,550	1,550	1,550	2,000	1,750
Maximum Weight (kg)	1,700	2,000	2,300	2,000	2,000	2,000
Machine Length : L (mm)	4,900	5,250	5,500	5,250	5,250	5,250
Gate Dimension : Lg (mm)	550	550	550	550	550	200
Column Center-to-center Distance : P (mm)	2,350	2,450	2,550	2,450	2,450	2,450
Pit Width : W (mm)	P x no. of rows + 300	P x no. of rows + 300	P x no. of rows + 300	P x no. of rows + 300	P x no. of rows + 300	P x no. of rows + 300
Pit Depth : Hp (mm)	3,585	3,585	3,585	3,585	4,035	4,035
Required Height : Ht (mm)	5,500	5,500	5,500	4,950	5,950	5,950
Loading Data (kg)	A, C	2,500	2,750	2,750	2,750	2,750
	D, F	3,200	3,450	3,650	3,450	3,450
	B/E	5,000/5,800	5,500/6,300	5,900/6,700	5,500/6,300	5,500/6,300

P3FC – Reference Drawing

* Dimensions in the drawing below represent dimensions for "M8" size.





T12B

Functions / Features

Front auto gate

Intruder detection sensor

Safety hooks

Vehicle length sensor at entry

Noise-reduced motor

Inverter control

Noise-reduced wheels

Touch-type operation panel

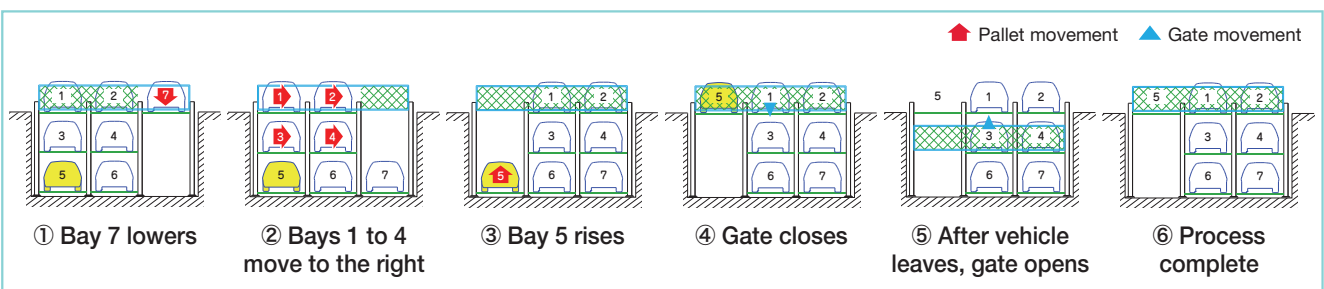
Electronic for on/off

Galvanized finishing

Accommodates minivans



System Movement <Retrieval of vehicle parked on "Bay 5">



Standard Specifications

Motor	Lifting	3.7 kW Geared Motor with Brake unit
	Traversing	0.2 kW Geared Motor with Brake unit
	Front Gate	0.2 kW Geared Motor with Brake unit

Power Supply	3 ϕ	8.0 kVA
	1 ϕ	1.0 kVA

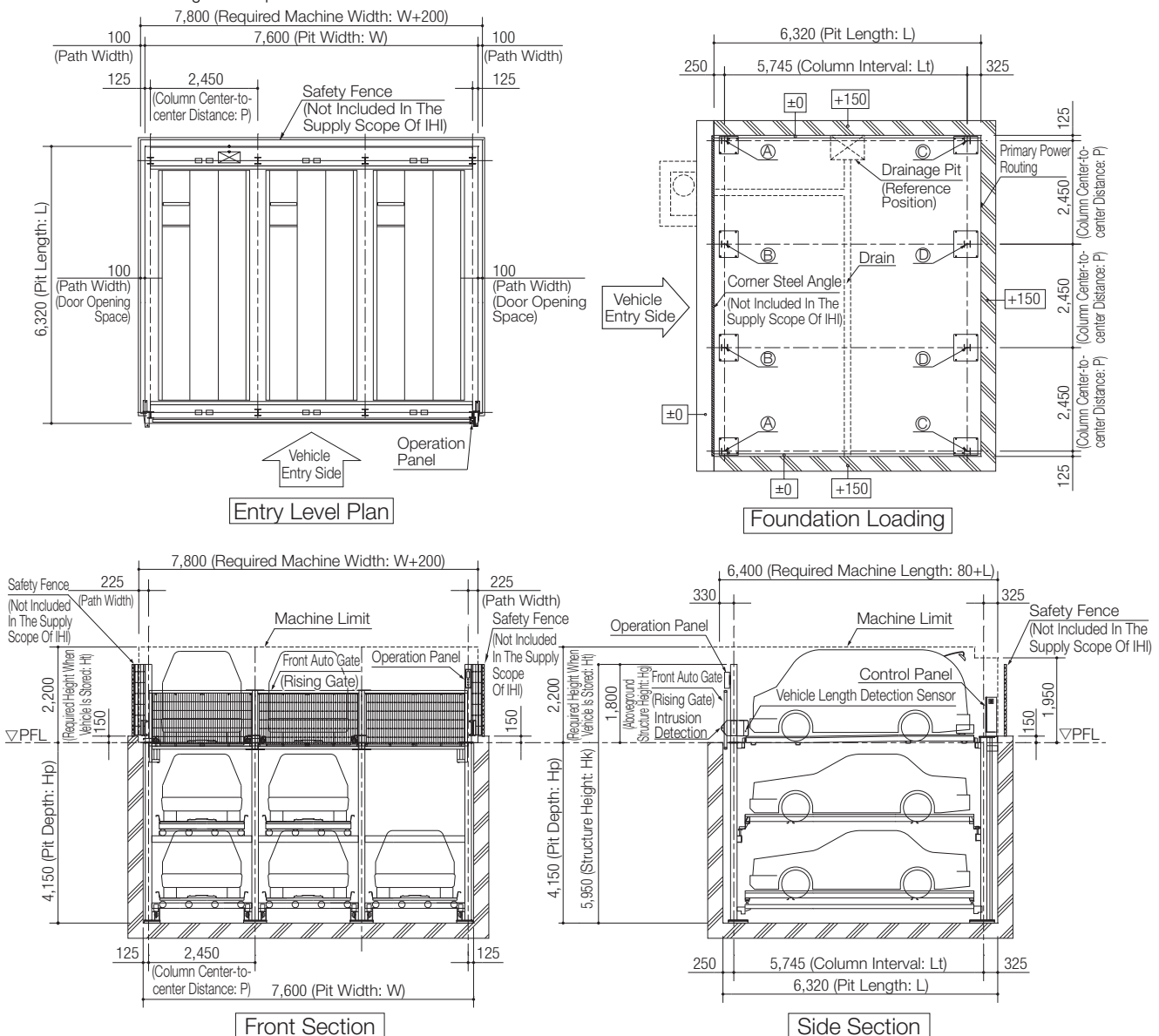
T12B - Dimensions Table

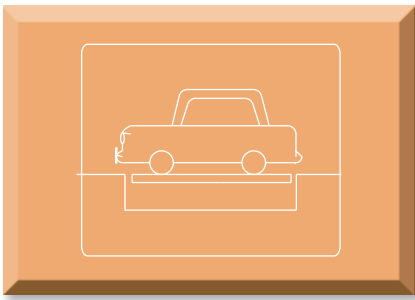
Accepted Maximum Vehicle Size			S	M	L	Mm	MMID	MHID	MH
	Maximum Length (mm)		4,700	5,050	5,300	5,050	5,050	5,050	5,050
	Maximum Width (mm)		1,700	1,850	1,950	1,850	1,850	1,850	1,850
	Maximum Height (mm)	1F	2,100	2,100	2,100	1,900	2,100	2,100	2,100
		B1	1,550	1,550	1,550	1,550	1,750	2,100	2,100
		B2	1,550	1,550	1,550	1,550	1,750	1,550	2,100
Maximum Weight (kg)		1,700	2,000	2,300	2,000	2,000	2,000	2,000	
Machine Dimension Requirement	Pit Length : L (mm)	5,970	6,320	6,570	6,320	6,320	6,320	6,320	
	Machine Interval : Lt (mm)	5,395	5,745	5,995	5,745	5,745	5,745	5,745	
	Column Center-to-center Distance : P (mm)	2,350	2,450	2,550	2,450	2,450	2,450	2,450	
	Pit Width : W (mm)	P x no. of rows + 250	P x no. of rows + 250	P x no. of rows + 250	P x no. of rows + 250	P x no. of rows + 250	P x no. of rows + 250	P x no. of rows + 250	
	Pit Depth : Hp (mm)	4,150	4,150	4,150	4,150	4,550	4,700	5,250	
	Required Height : Ht (mm)	2,200	2,200	2,200	2,000	2,200	2,200	2,200	
	Aboveground Structure Height : Hg (mm)	1,800	1,800	1,800	1,800	1,800	1,800	1,800	
	Structure Height : Hk (mm)	5,950	5,950	5,950	5,950	6,350	6,500	7,050	
Loading Data	A/B (kg)	2,150/4,500	2,600/5,000	2,900/5,600	2,600/5,000	2,600/5,000	2,600/5,000	2,600/5,000	
	C/D (kg/m)	1,850/3,500	2,000/3,800	2,200/4,200	2,000/3,800	2,000/3,800	2,000/3,800	2,000/3,800	

* The total vehicle storage height of B1 cannot be set lower than the total height of B2.

T12B – Reference Drawing

* Dimensions in the drawing below represent dimensions for "M" size.





T.T

Functions / Features

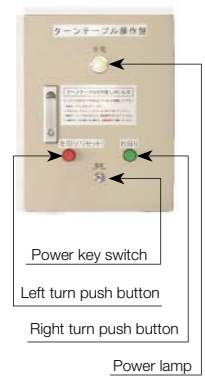
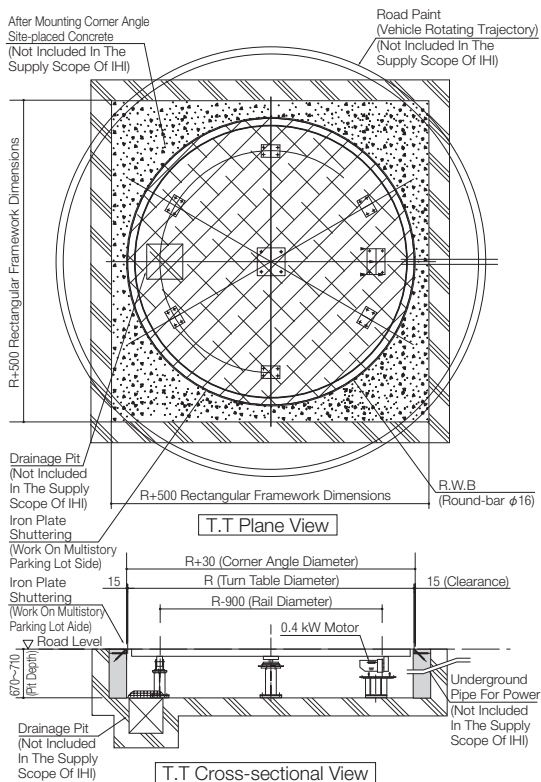
Round wheel bump

Inverter control

Galvanized finishing



T.T – Reference Drawing



T.T - Dimensions Table

		T40	T45
Applicable Factors	Maximum Length (mm)	5,050	5,300
	Maximum Width (mm)	1,850	1,950
	Maximum Weight (kg)	2,300	2,300
Device Factors	Diameter : R (mm)	4,000	4,500
	Pit Depth : (mm)	680	680
	Ring Diameter : (mm)	3,800	4,300
	Vehicle Rotating Trajectory Circle : (mm)	6,000	6,500
	Rotation Speed	1.5 rpm	1.3 rpm
Framework Construction	Corner Angle	Standard	Standard
	Iron Plate Shuttering	Standard	Standard

* For further detail or any specification not mentioned above, please contact our nearest representative.

Standard Specifications

Power Supply	3 ϕ	1.5 kVA	0.4 kW Motor
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COMMON VEHICLE SIZE REFERENCES

<u>Toyota</u>	<u>Length (mm)</u>	<u>Width (mm)</u>	<u>Height (mm)</u>	<u>Kerb Weight (kg)</u>
Vios	4,300	1,700	1,460	1,150
Altis	4,540	1,760	1,465	1,170
Camry	4,825	1,820	1,470	1,530
Innova	4,555	1,770	1,755	1,585
Hilux	5,260	1,835	1,850	1,945
Fortuner	4,705	1,840	1,850	1,875

<u>Honda</u>	<u>Length (mm)</u>	<u>Width (mm)</u>	<u>Height (mm)</u>	<u>Kerb Weight (kg)</u>
Citi	4,395	1,695	1,470	1,140
Civic	4,540	1,755	1,435	1,240
Accord	4,950	1,845	1,475	1,470
Stream	4,570	1,695	1,545	1,385
CRV	4,565	1,820	1,680	1,540

<u>Nissan</u>	<u>Length (mm)</u>	<u>Width (mm)</u>	<u>Height (mm)</u>	<u>Kerb Weight (kg)</u>
Sentra	4,495	1,695	1,445	1,168
Latio Sedan	4,415	1,695	1,535	1,200
Sylphy	4,610	1,695	1,510	1,240
Teana	4,850	1,795	1,485	1,560
Grand Livina	4,420	1,690	1,590	1,220
X-trail	4,630	1,785	1,685	1,505
Frontier	5,080	1,825	1,715	1,857
Murano	4,835	1,885	1,730	1,895
Serena	4,590	1,695	1,825	1,568

<u>BMW</u>	<u>Length (mm)</u>	<u>Width (mm)</u>	<u>Height (mm)</u>	<u>Kerb Weight (kg)</u>
1 series (5-door)	4,239	1,934	1,421	1,350
3 series - 320i (1995cc)	4,580	1,985	1,395	1,435
323i (2500cc)	4,531	1,985	1,421	1,445
7 series - (730 LD)	5,212	1,902	1,478	1,900
X5 (30D)	4,854	1,933	1,766	2,180

<u>Mercedes Benz</u>	<u>Length (mm)</u>	<u>Width (mm)</u>	<u>Height (mm)</u>	<u>Kerb Weight (kg)</u>
B Class (B200)	4,359	1,786	1,557	1,425
C Class (C200)	4,591	1,770	1,447	1,505
CLS (350)	4,940	1,881	1,416	1,735
CLS (63AMG)	4,940	1,881	1,416	1,870
E Class	4,868	1,854	1,471	1,615
M Class	4,804	1,926	1,786	2,150
R Class	5,157	1,922	1,674	2,175
S class	5,209	1,872	1,473	1,975
SL Class (350)	4,617	1,877	1,315	1,685
SLK (200)	4,134	1,810	1,301	1,470
SLS (AMG)	4,638	1,939	1,262	1,695

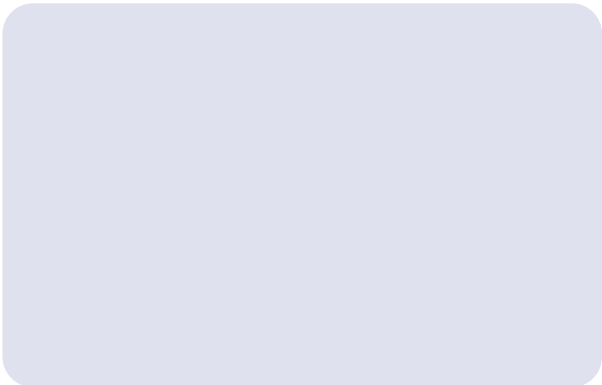
REMARKS

The dimensions above are for reference use only and is of no legal gurantee.

The dimension above are referenced from manufacturer's websites and Japan Automobile Association Catalogue 2013.

IHI GROUP

Realize your dreams



IHI ASIA PACIFIC (Thailand) Co., Ltd.

11th Floor Ramaland Building, 952 Rama IV Road
Suriyawongse, Bangrak, Bangkok 10500, THAILAND
Tel: +66-2-236-3490 Fax: +66-2-236-7340

IHI Transport Engineering Malaysia Sdn. Bhd.

27th Floor UBN Tower, 10 Jalan P. Ramlee
Kuala Lumpur 50250, MALAYSIA
Tel: +60-3-2072-2899 / 8899 Fax: +60-3-2072-1418

Website: <http://www.iuk.co.jp>