



BIVOLARSKI
LIFTS & ELEVATORS

4480 - Vetren, - Pazardzhik - BULGARIA
50th Street, 108
tel .: +359 3584/2431
fax: +359 3584/2551
GSM: +359 888 53 88 31
E-mail: aspekt@liftgroupbg.com

PARKING SYSTEM
www.liftgroupbg.com



Automatic production line for special side beam forming of parking equipment

Advanced manufacturing equipment

International advanced production line

Each of the parking equipment complies with international standards

Uncoiling of plate rolls



Sheet leveling

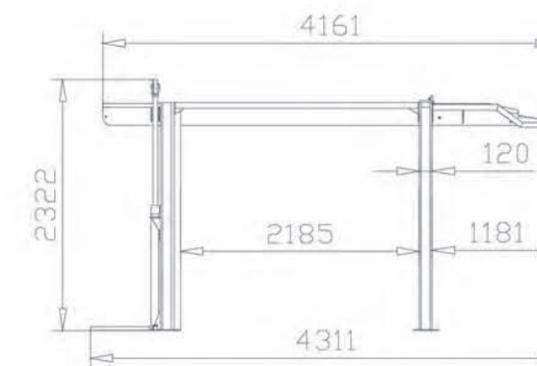
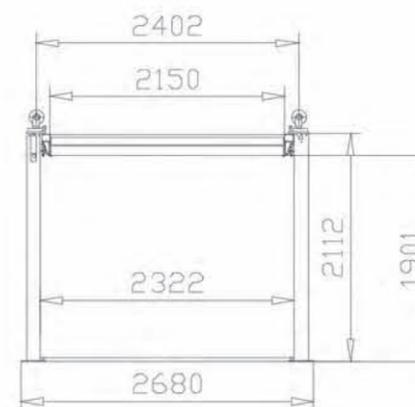
Punching and cutting



Roll forming



Cutting of finished products



Model	PJS2700
Operating mode	Key/Remote
Overall size	4311x2680x2322mm (Double layer:SUV)
Suitable size of vehicle	5000x1850x1550mm
Concessional vehicle mass	≤2700kg
Lifting speed	2.12m/min
Max storage or retrieval time	36s/50s
Power supply	AC220V / 380V,50Hz
Motor power	2.2kw

Note: No notice of size variation due to the technology upgrading, the specific kind prevail.

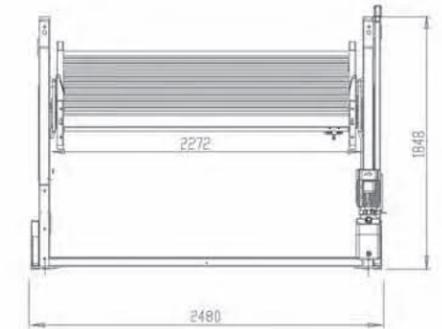
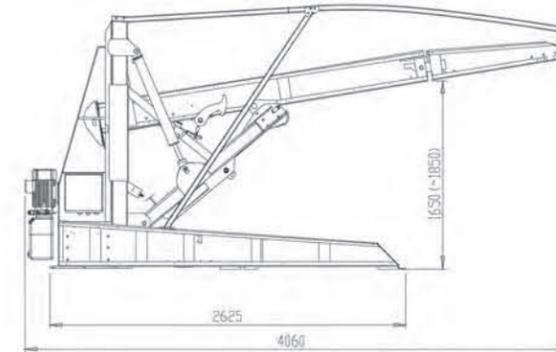
MINI 4-column parking equipment

1. Suitable for residential area, large parking lot, commercial center, especially for household parking.
2. Four column support, household power supply, double hydraulic cylinder lifting with specially balancing device design to ensure the smooth operation.
3. Humanized design for convenient access, freewheeling to open your door to solve the difficult problem of frequent collision of door in similar products.
4. Brief appearance, 2700kg car capacity. Safety anti-fall device will automatically open to ensure car safety when the running chain fractured.
5. Small occupation space,saving room best.
6. The exquisite craft of hundred, simple structure, compact use. Easy moving and installation.Saving time, low requirements on civil engineering.
7. Quality assurance based on hundreds of thousands of experiment,deeply trusted and loved by the world customers.
8. High product liability insurance make sure that you enjoy happy eternal parking without worries.



Product configuration

1. Intelligent voice prompt system and hand-held remote control system.(optional)
2. Manual unlock device to ensure the smooth and safe operation.
3. 16 level anti-fall device in the whole course to prevent the abnormal crash and ensure the vehicle safety.
4. Isolation plate set in the middle of the upper pallet to stop oil and mud falling to the lower vehicles in the rain and snow weather.
5. Undervoltage,default-phase,overcurrent and overload protection devices ensure control circuit to detect malfunction automatically and prohibit further operation to keep the safety of the vehicle once the power supply is in default-phase or anti-phase.
6. Emergency power-off safety device ensures power cutoff, prevents further operation,keeps the safety of the vehicle in case of an emergency.



Model	PJS-ST2000
Operating mode	Key/Remote
Overall size	4060x2480x1848mm
Suitable size of vehicle	5000x1850x1550mm
Concessional vehicle mass	≤2000kg
Lifting height	1650-1850mm
Lifting speed	4.0m/min
Max storage or retrieval time	24s
Power supply	AC 220V / 380V,50Hz
Motor power	2.2kw

Note: No notice of size variation due to the technology upgrading, the specific kind prevail.

Stacker tilt parking equipment

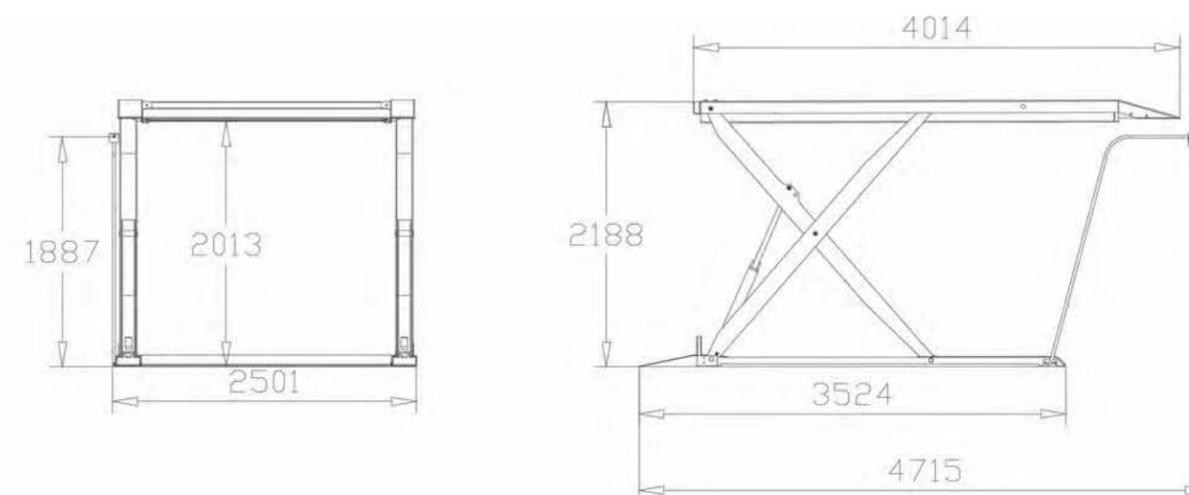
1. Small occupation area, high space utilization, construction height requirements in 3 meters, decorating columns reasonably according to customer requirements.
2. Adopt hydraulic drive, ensure balance on both ends up and down, smooth operation, safe and reliable. Low noise, power saving and energy saving, low carbon.
3. Pallet sealing design to avoid the water pollution. Also avoid muddy water drop to the car bellow in the rain and snow weather.
4. Short lift time, usually it just needs 40 seconds to take car out.
5. Water-proof electrical parts and drive section, low maintenance cost.
6. Quality assurance based on hundreds of thousands of experiment,deeply trusted and loved by the world customers.
7. High product liability insurance make sure that you enjoy happy eternal parking without worries.



Product configuration



1. Intelligent voice prompt system and hand-held remote control system.(optional)
2. Manual unlock device to ensure the smooth and safe operation.
3. Top anti-fall device to prevent the abnormal crash and ensure the vehicle safety.
4. Undervoltage,default-phase,overcurrent and overload protection devices ensure control circuit to detect malfunction automatically and prohibit further operation to keep the safety of the vehicle once the power supply is in default-phase or anti-phase.
5. Emergency power-off safety device ensures power cutoff, prevents further operation,keeps the safety of the vehicle in case of an emergency.
- 6.The upper limit safety device can avoid rising an extra height to ensure the safety of the vehicle.
7. Alarm device light will keep flashing until the pallet lifts to the right place to warn people to pay attention to safety.(optional)



Model	PJSY2000
Operating mode	Key/Remote
Overall size	4715x2501x2188mm (First layer: SUV)
Suitable size of vehicle	5000x1850x1550mm
Concessional vehicle mass	≤2000kg
Lifting height	2000mm
Lifting speed	3.2m/min
Max storage or retrieval time	45s
Power supply	AC 220V / 380V,50Hz.
Motor power	2.2kw

Note: No notice of size variation due to the technology upgrading, the specific kind prevail.

Scissor-type parking equipment

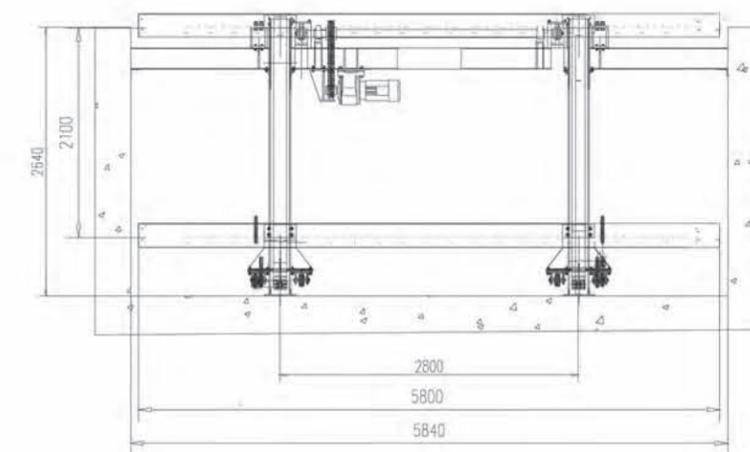
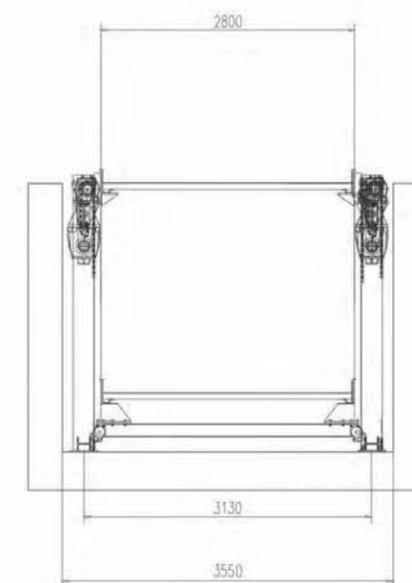
1. Applicable to the household parking, residential area parking.
2. Small occupation space, height of 280mm after folded. Smoothly, safe and reliable. Low noise, power saving, low carbon.
3. Easy installation without special civil foundation, ordinary cement floor is available.
4. The remote control can be added as customer requirements to achieve intelligent remote control operation.
5. The exquisite craft of hundred, simple structure, compact use. Easy moving and installation.
6. Quality assurance based on hundreds of thousands of experiment,deeply trusted and loved by the world customers.
7. High product liability insurance make sure that you enjoy happy eternal parking without worries.



Product configuration



1. Intelligent voice prompt system and Hand-held remote control system.(optional)
2. Mechanical locking device to ensure the smooth and safe operation.
3. Undervoltage,default-phase,overcurrent and overload protection devices ensure control circuit to detect malfunction automatically and prohibit further operation to keep the safety of the vehicle once the power supply is in default-phase or anti-phase.
4. Emergency power-off safety device ensures power cutoff, prevents further operation,keeps the safety of the vehicle in case of an emergency.
5. The upper limit safety device can avoid rising to an extra height to ensure the safety of the vehicle.
6. Master and auxiliary hydraulic cylinder are adopted to ensure safety and reliability.

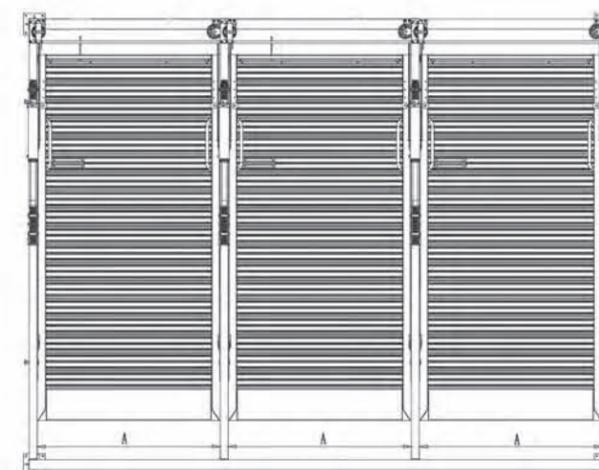
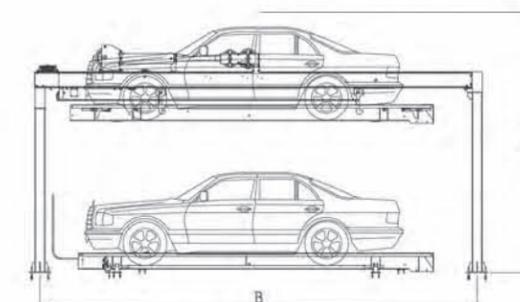
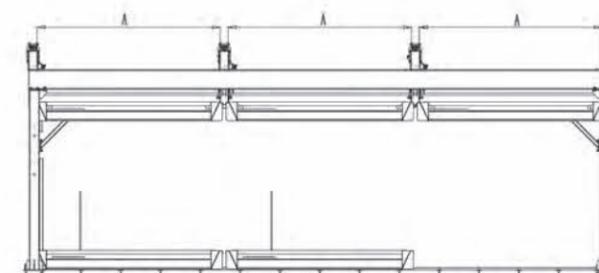


PJSL-FP2000 double-layer parking equipment

- The model with all steel structure assembly which suitable for indoor and outdoor parking lot. Awning can be added and the outside can be decorated to improve the aesthetic.
- Both the upper and lower pallets move vertically. When the car moves in or out, the pallet will lift to the ground, the largest use of space without spare vacancy needed.
- Multiple safety protection devices to ensure safety and reliability of the whole operation.
 - Anti-fall device;
 - Error-entering protection device;
 - Ultralimit alarm device;
 - Emergency stop button;
 - Undervoltage, default-phase, overcurrent and overload protection device;
 - Power-off protection device.
- No need to use the ramp, saving occupation area, improving land utilization and parking capacity most to an extent.
- Applications: large and medium-sized buildings or public facilities, can be installed in longitudinal or transverse direction.

Vehicle model	Overall size of vehicle(mm)	Concessional vehicle mass(kg)	Size range of foundation pit (mm)		
			Length /mm	Width /mm	Depth /mm
Small car	4400 × 1750 × 1450	≤ 1300	≤ 4800	≥ 2350	≥ 2300
Medium car	4700 × 1800 × 1450	≤ 1500	≤ 5100	≥ 2400	
Large car	5000 × 1850 × 1550	≤ 1700	≤ 5300	≥ 2500	
Super car	5300 × 1900 × 1550	≤ 2350	≤ 5600	≥ 2600	
Power supply(kw)	3.7				
Lifting speed(m/min)	2.0~3.0				
Remarks	1. The size of the device is standard, customized service can be provided. 2. The above dimensions are net, can not be used for the wind pipe or other facilities in addition.				

Note: No notice of size variation due to the technology upgrading, the specific kind prevail.

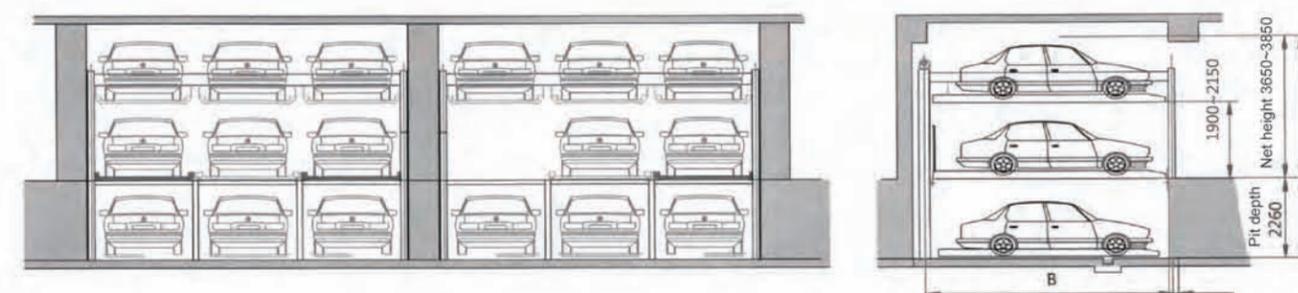
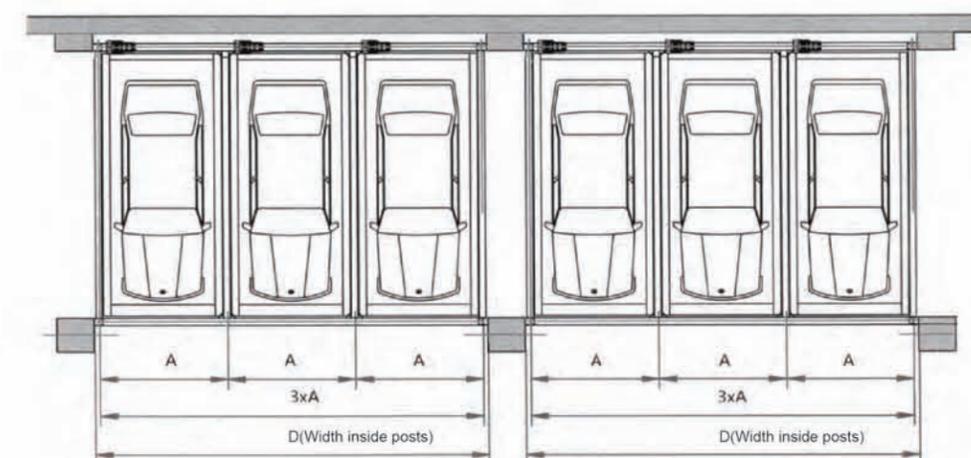


PSHL-2-2000 double-layer lift-sliding mechanical parking equipment

1. Applicable to enterprises and institutions, hotels, stations, hospitals, shopping malls, residential area, underground parking lot, can effectively save space.
2. The first layer of pallet only moves horizontally while the second layer of pallet only moves vertically. A vacancy must be reserved for the lifting of the second layer of pallet.
3. Multiple safety protection devices such as anti-fall, error-entering protection, ultralimit alarm, undervoltage protection, default-phase protection, overcurrent, power-off protection device and emergency stop button to ensure safety and reliability of the whole operation.
4. Full automatic PLC microcomputer control, the operation with the use of button, IC card, remote control and other methods is very simple.
5. Running stably, low noise, easy access, low cost for manufacture and maintenance.
6. The exquisite craft of hundred, simple structure, compact use. Easy moving and installation.
7. Quality assurance based on hundreds of thousands of experiment, deeply trusted and loved by the world customers.
8. High product liability insurance make sure that you enjoy happy eternal parking without worries.

Cars suitable for parking	Model	Medium car	Large car	Small bus	Super car
	Overall size (mm)	Length×Width×Height	Length×Width×Height	Length×Width×Height	Length×Width×Height
		≤4700X1800X1450	≤5000X1850X1550	≤5000X1850X2050	≤5300X1900X1550
	Weight (kg)	≤1500	≤1700	≤1850	≤2350
Space	A(mm)	2350	2400	2400	2500
	B(mm)	5200	5500	5500	5800
	Height (mm)	3650~3980			
Rated speed	Lifting(m/min)	4~5			
	Sliding(m/min)	7~8			
Power supply(kw)	Lifting	2.2			
	Sliding	0.2	0.2	0.2	0.4
Motor power	3 phrase 5 line				

Note: No notice of size variation due to the technology upgrading, the specific kind prevail.

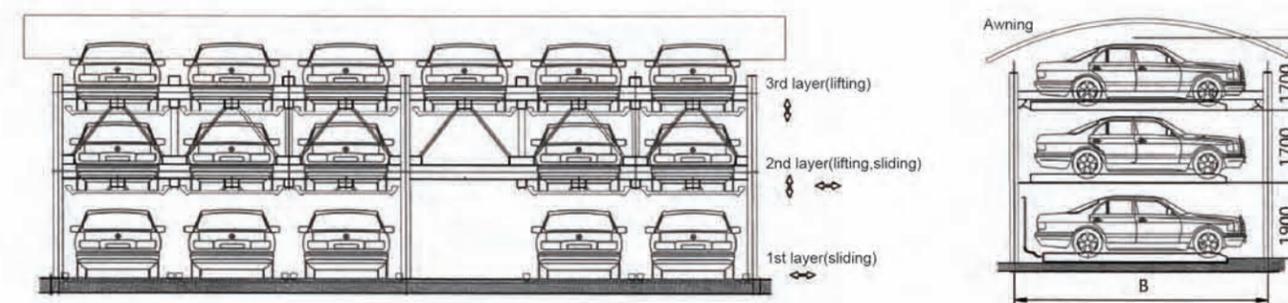
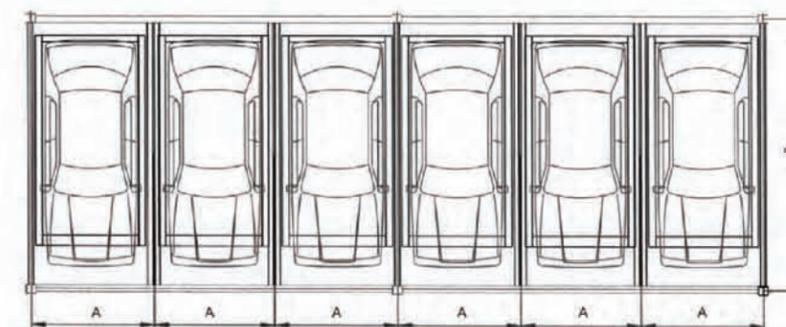


PSHL-3D-2000 three-layer(two layers overground with one layer underground) lift-sliding mechanical parking equipment

1. Applicable to enterprises, institutions, hotels, shopping malls, residential areas, underground parking, stations, hospitals, etc., can effectively save space.
2. The underground layer of pallet achieves storage and retrieval of cars through vertical movement.
3. The ground layer of pallet achieves storage and retrieval of cars through horizontal movement.
4. The second layer of pallet achieves storage and retrieval of cars through vertical movement when there is a vacancy underneath.
5. There is a passage board under the ground layer of pallet. When the cars in the back row have no passage to go through, then can cross this passage board which saves the space of the ground passage.
6. Fully automatic PLC microcomputer control, the operation with button, IC card, remote control and other control methods is very simple.
7. The exquisite craft of hundred, simple structure, compact use. Easy moving and installation.
8. Quality assurance based on hundreds of thousands of experiment, deeply trusted and loved by the world customers.
9. High product liability insurance make sure that you enjoy happy eternal parking without worries.

Cars suitable for parking	Model	Medium car	Large car	Super car
	Overall size (mm)	Length×Width×Height ≤4700X1800X1450	Length×Width×Height ≤5000X1850X1550	Length×Width×Height ≤5300X1900X1550
	Weight (kg)	≤1500	≤1700	≤2350
Space	A(mm)	2350	2400	2450
	B(mm)	5350~5950		
	D(mm)	≥7200+200	≥7350+200	≥7500+200
	Height(mm)	≥3850	≥3850	≥3850
Power supply(kw)	Lifting	2.2		
	Sliding	0.2	0.2	0.4
Rated speed	Lifting(m/min)	5~6	5~6	4~5
	Sliding(m/min)	7~8		

Note: No notice of size variation due to the technology upgrading, the specific kind prevail.

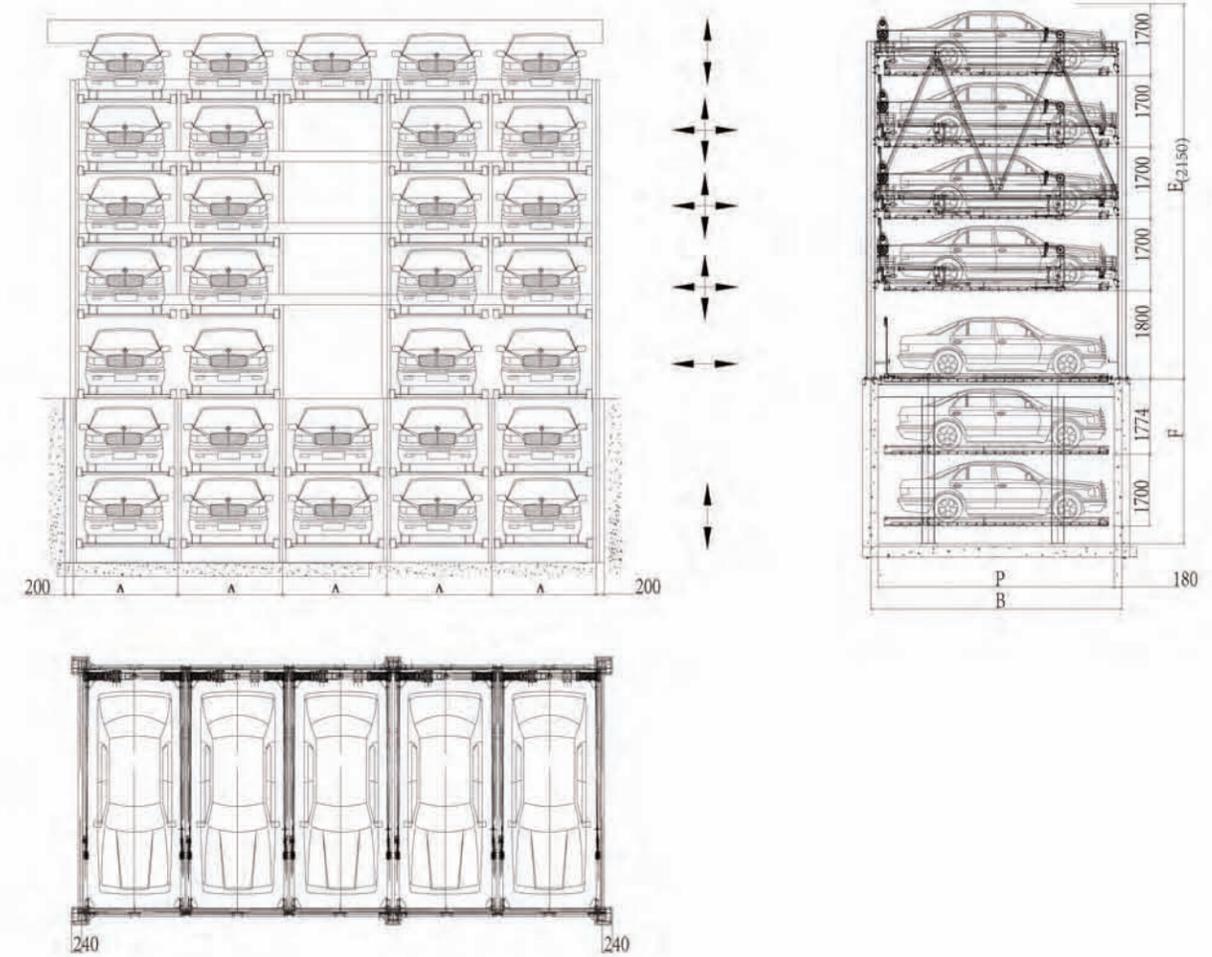


PSHL-3-2000/PSHS-3-2000 three-layer(overground) lift-sliding mechanical parking equipment

1. Applicable to enterprises and institutions, hotels, shopping malls, residential area, underground parking lot, can effectively save space.
2. The upper layer of pallet moves vertically to the ground for storage or retrieval of the vehicle while the layer of pallet below moves first to make a vacancy for the upper pallet to fall without obstacle.
3. Multiple safety protection devices to ensure safety and reliability of the whole operation.
 - a. Anti-fall device;
 - b. Error-entering protection device;
 - c. Ultralimit alarm device;
 - d. Undervoltage,default-phase,overcurrent and overload protection device;
 - e. Power-off protection device;
 - f. Emergency stop button.
4. Fully automatic PLC control, simple operation, the use of button, IC card(optional:remote control,vehicle identification and other means of control).

Model	Small car	Medium car	Large car	Super car	
Cars suitable for parking	Overall size (mm)	Length×Width×Height ≤4400×1750×1450	Length×Width×Height ≤4700×1800×1450	Length×Width×Height ≤5000×1850×1550	Length×Width×Height ≤5300×1900×1550
	Weight (kg)	≤1300	≤1500	≤1700	≤2350
Space	A(mm)	2400-2500			
	B(mm)	5200-6150			
	H(mm)	≥5300			
Rated speed	Lifting(m/min)	4-6			
	Sliding(m/min)	7-8			
Power supply(kw)	Lifting	2.2kw			
	Sliding	0.2kw	0.2kw	0.2kw	0.4kw
Driving mode	Motor+wirerope / Chain				
Motor power	3 phrase 5 line 380V 50Hz				
Control	PLC				

Note: No notice of size variation due to the technology upgrading, the specific kind prevail.

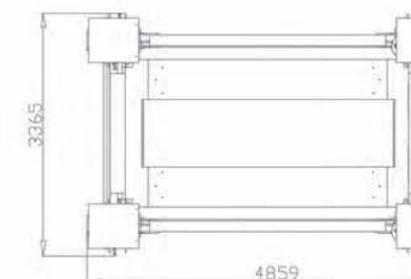
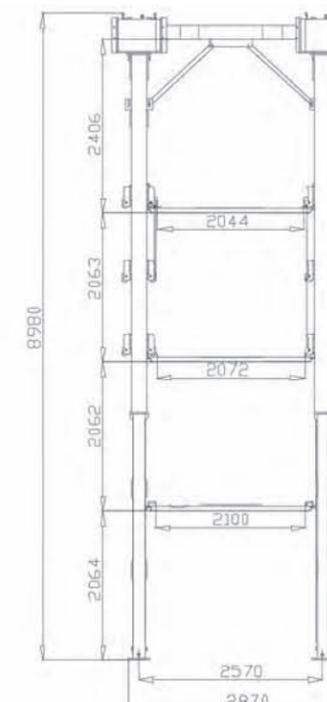
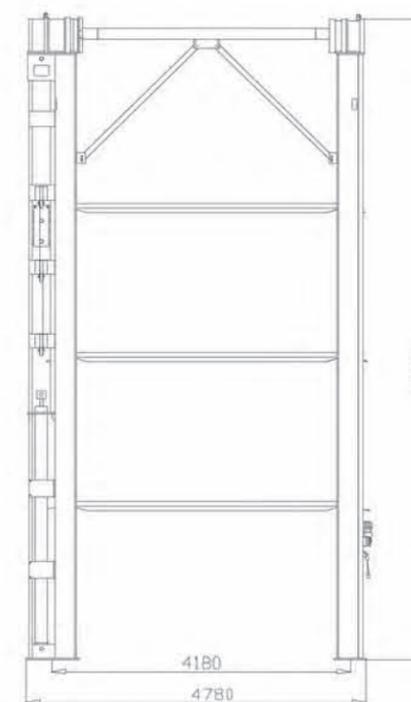


PSH-5/2-2000 seven-layer(five layers overground with two layers underground) lift-sliding mechanical parking equipment

1. The model with all steel structure assembly which suitable for indoor and outdoor parking lot. Awing can be added and the outside can be decorated to improve the aesthetic.
2. The upper layer of pallet moves vertically to the ground for storage or retrieval of the vehicle while the layer of pallet below moves first to make a vacancy for the upper pallet to fall without obstacle.
3. Multiple safety protection devices to ensure safety and reliability of the whole operation.
 - a. Anti-fall device;
 - b. Error-entering protection device;
 - c. Ultralimit alarm device;
 - d. Undervoltage,default-phase,overcurrent and overload protection device;
 - e. Power-off protection device;
 - f. Emergency stop button.
4. Fully automatic PLC control, simple operation, the use of button,IC card(optional:remote control,vehicle identification and other means of control).
5. No need to use the ramp,saving occupation area,improving land utilization and parking capacity most to an extent.
6. Applications: large and medium buildings or public facilities, enterprises, institutions, hotels, shopping malls, residential areas, hospitals and others, effectively save space, can be installed in longitudinal or transverse direction.

Cars suitable for parking	Model	Medium car	Large car	Small bus	Super car
	Overall size (mm)	Length×Width×Height ≤4700×1800×1450	Length×Width×Height ≤5000×1850×1550	Length×Width×Height ≤5000×1850×2050	Length×Width×Height ≤5300×1900×1550
	Weight (kg)	≤1500	≤1700	≤1850	≤2350
Space	A(mm)	2450	2500	2500	2600
	B(mm)	5700	6000	6000	6200
	E(mm)	8600~8950			
	F(mm)	≥4300	≥4300	≥4300	≥4300
Rated speed	P(mm)	≥5000	≥5300	≥5300	≥5600
	Upper level lift(m/min)	5~6	5~6	5~6	4~5
	Under level lift(m/min)	3~3.5	3~3.5	3~3.5	2.5~3.5
Power supply(kw)	Sliding(m/min)	7.1			
	Upper level lift(m/min)	2.2/3.7			
Motor power	Under level lift(m/min)	3.7			
	Sliding(m/min)	0.2	0.2	0.2	0.4
		3 phrase 5 line			

Note: No notice of size variation due to the technology upgrading, the specific kind prevail.



PJS-MP-4-2000 four-layer parking equipment

1. This model adopts hydraulic driving device and large section steel as support which is suitable for intensive parking area such as auto 4S shop and so on. Awning can be added and the outside can be decorated to improve the aesthetic.
2. Through the stretching action of hydraulic cylinder, the pallet moves vertically and continuously for the storage of the vehicle.
3. Multiple safety devices such as mechanical locking block, hydraulic explosion-proof and others to ensure safety and reliability of the whole operation.
 - a. Anti-fall device;
 - b. Error-entering protection device;
 - c. Ultralimit alarm device;
 - d. Undervoltage, default-phase, overcurrent and overload protection device;
 - e. Power-off protection device;
 - f. Emergency stop button.

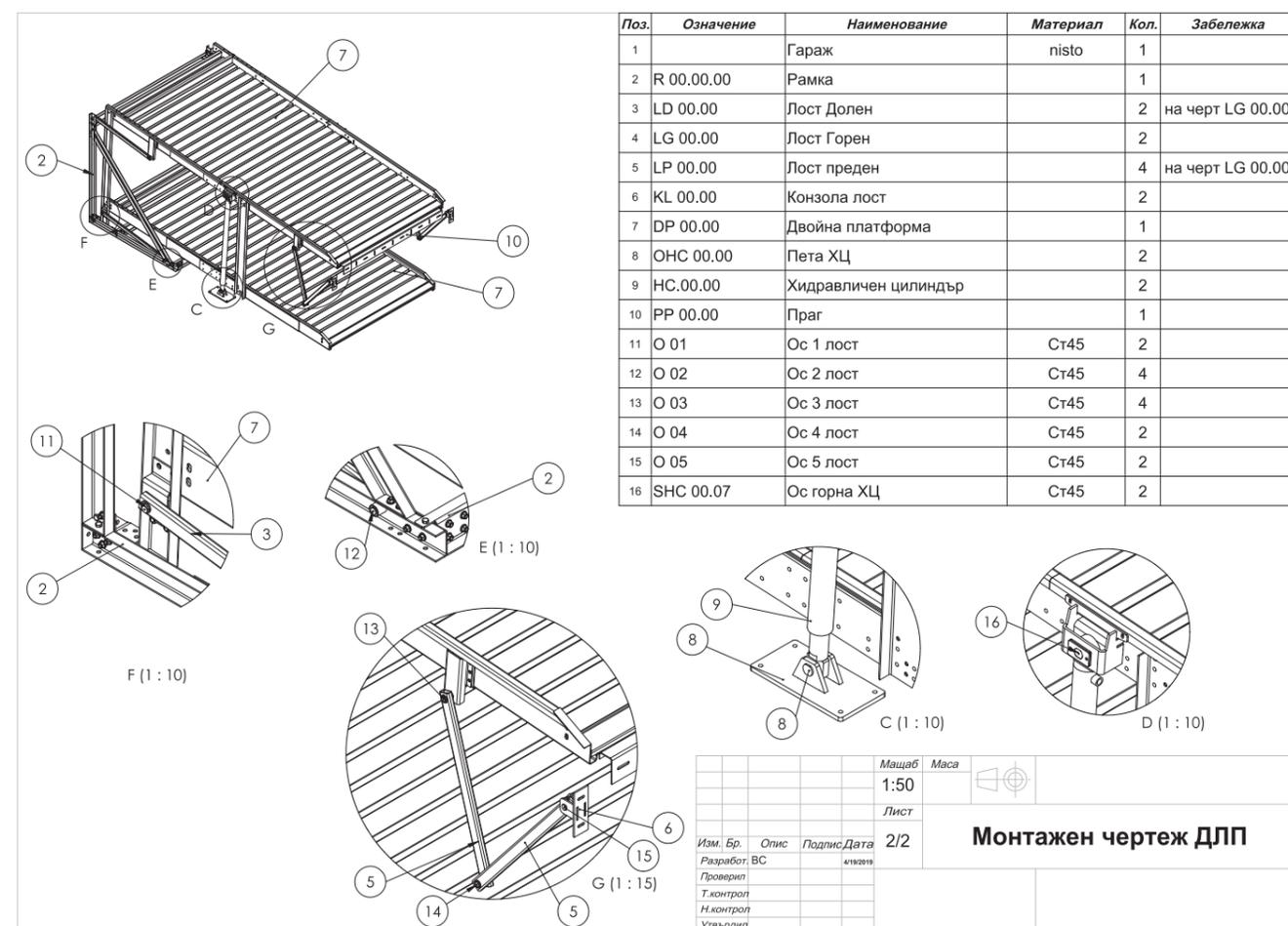
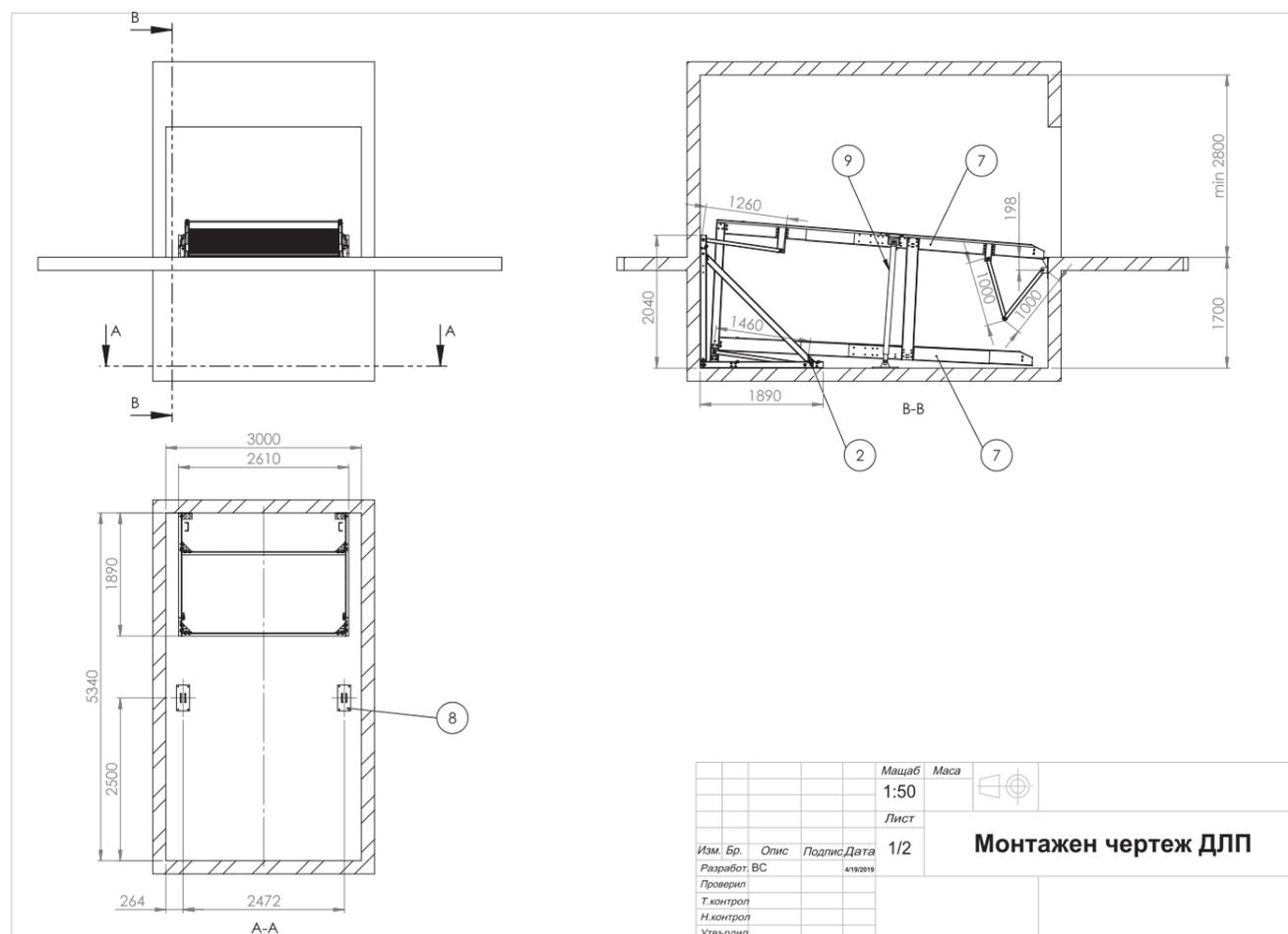
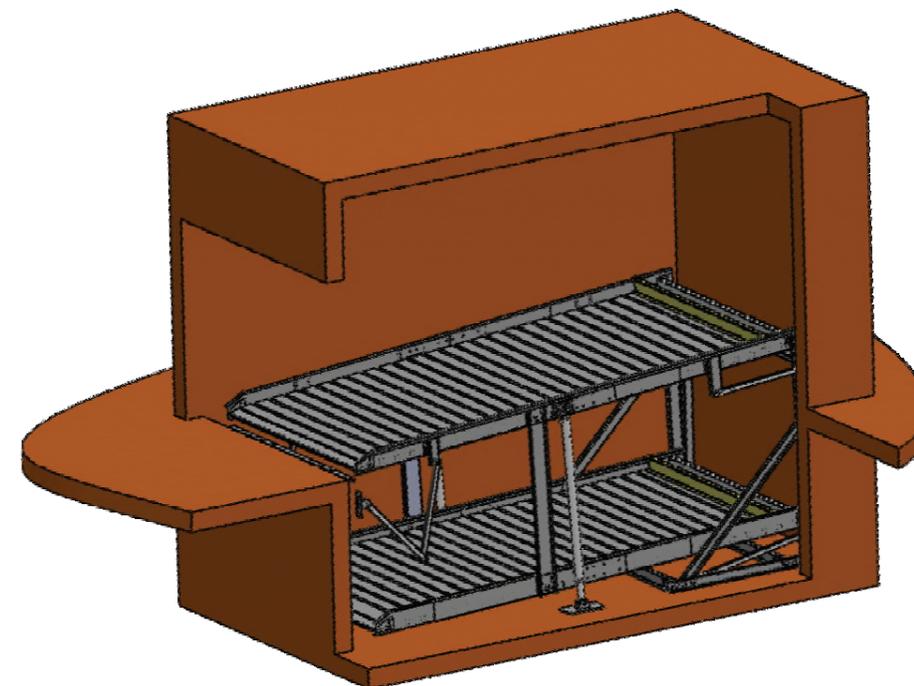
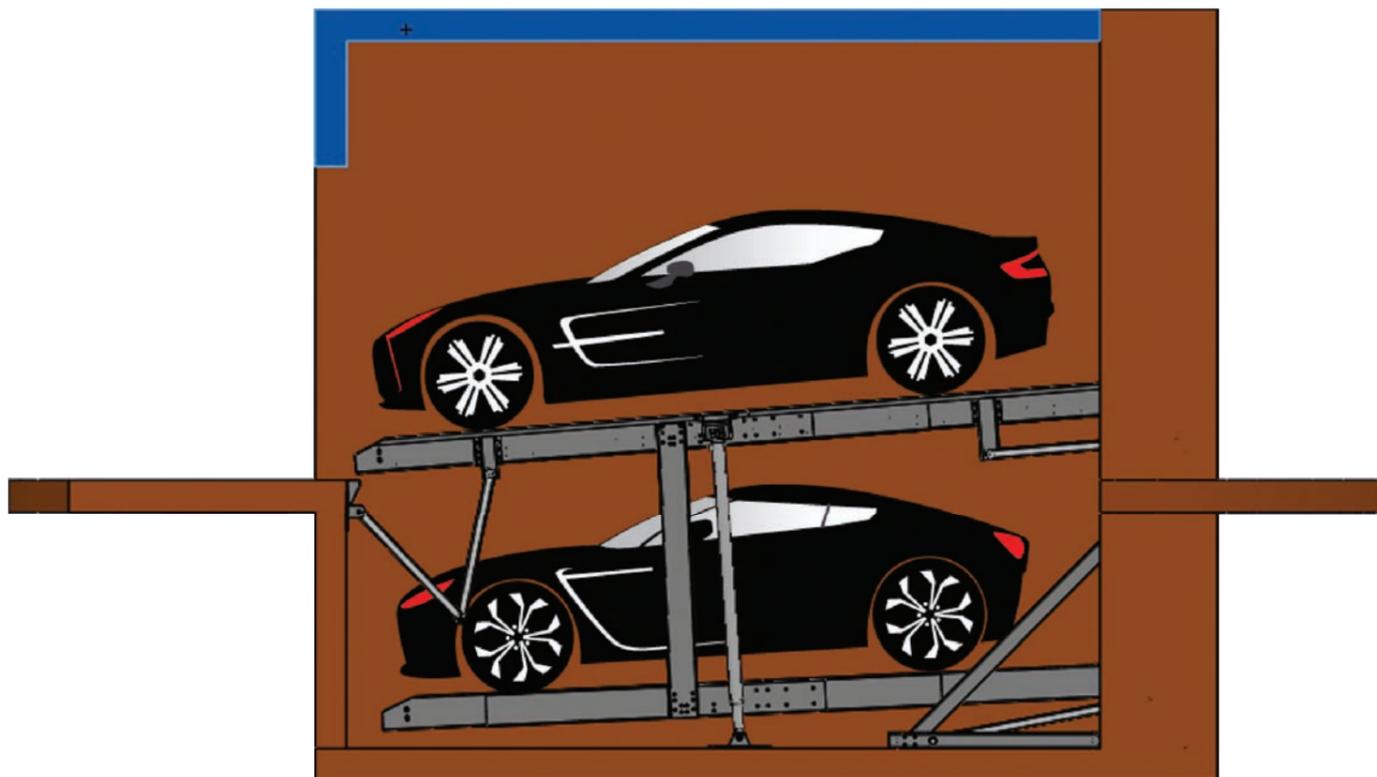
Model	PJS-MP-4-2000
Operating mode	Key
Overall size	4859x2870x8980mm
Suitable size of vehicle	5000x1850x1550mm
Concessional vehicle mass	≤2000kg
Lifting height	2000mm
Lifting speed	3.2m/min
Max storage or retrieval time	≤150s
Power supply	AC 220V / 380V, 50Hz
Motor power	7.5kw

Note: No notice of size variation due to the technology upgrading, the specific kind prevail.



PRODUCT SHOW

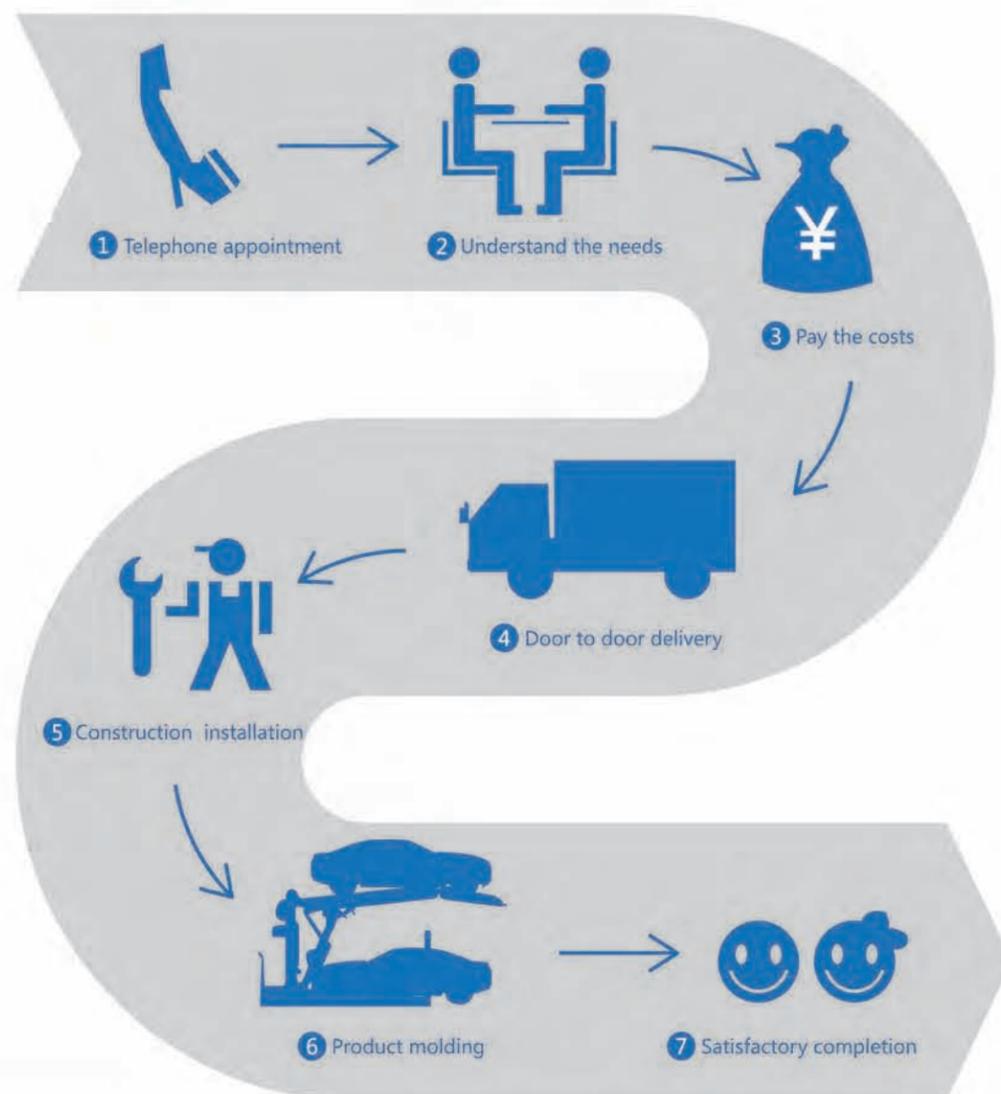
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ENTERPRISE SERVICE



After-sales service

Commitment to users:

1. Our company pursues "after-sales service all year round". Maintenance personnel would arrive at the scene within the agreed time and timely troubleshoot once we received your call.

Phone No. : **+359 3584/2431**

2. Our company supports regular maintenance inspection of products in warranty period to ensure the safe operation of the parking equipment.

3. Our company will train freely 3-5 persons of site operation and maintenance for users. We promise the persons after training can operate parking equipment easily and deal with simple malfunction. Also we will provide training files freely.

4. Our company is responsible for free replacement if spare parts and electrical components are damaged in warranty period.(Except the damage caused by human and force majeure)

Our company has all kinds of accessories, also sets up a spare parts warehouse at the installation locations, so we can replace the parts in the shortest possible time.

5. We will sign a maintenance contract with clients after warranty period, also we will provide customers the spare parts at a reasonable price which is lower than the market price.

6. Our company will provide high product quality insurance to ensure that customers can use without worries.