



# *UNITED STARRY*

Low maintenance mechanical parking system made in Taiwan.



# About United Starry

United Starry is one of the leading mechanical parking lift provider in the world. It is made and designed in Taiwan. With its extensive R&D, the equipment provides low maintenance cost and maximum proficiency. Its headquarters is located at Taipei, Taiwan. Meanwhile, the factory is located at Kaoshiung, Taiwan. In Taiwan alone, it had already installed 500,000 units and counting, providing countless parking solutions to its customers.

There are more than 20 solutions that can be configured to meet the requirements of the users. And, United Starry has been serving the Philippine market since 1997. Since then, United Starry is trusted by top architects, developers, and end users in the local market.

5,000+

units in the Philippines

47 years

of expertise worldwide

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500,000+ units installed worldwide

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Installed units in over

800 buildings

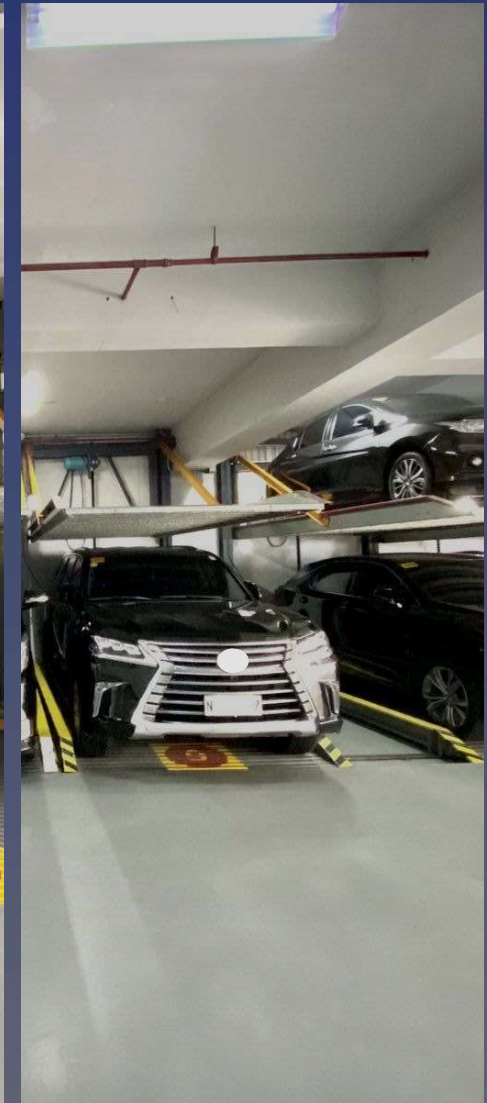
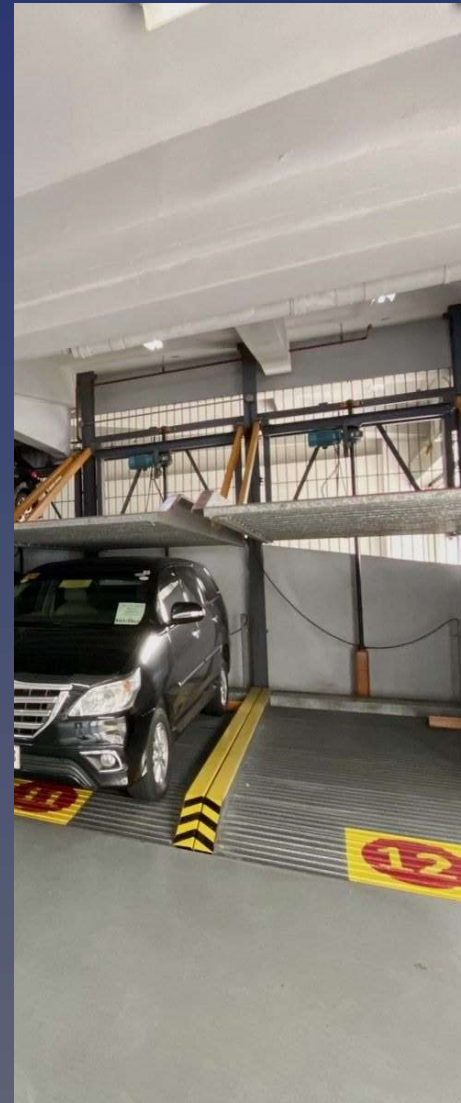
Parking spaces maximized

1,000,0000+

# Why invest on it?

As land value continue to increase rapidly over the years, this has urged property owners to rethink on how to use their available space efficiently.

Mechanical parking equipment has played a big role in maximizing ground efficiency and increasing area value. Unity Express is dedicated to provide industry leading MPE that is flexible, durable and reliable with over 27 years of experience.



DURABLE & LOW MAINTENANCE



CLEAN DESIGN NO OBSTRUCTIONS



FULLY BALL SCREW DRIVE, HYDRAULIC OR CHAIN DRIVE SYSTEM



MOISTURE & RUST RESISTANT MATERIALS



MAXIMUM GROUND EFFICIENCY

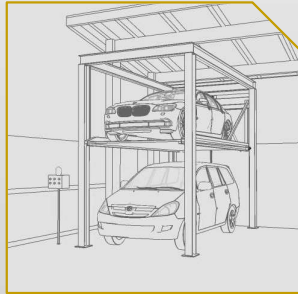


GUARANTEED HIGH RETURN OF INVESTMENT

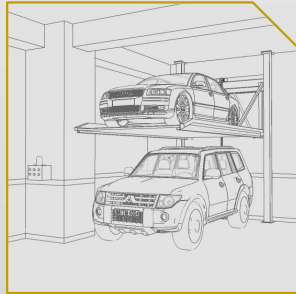


# Our Models

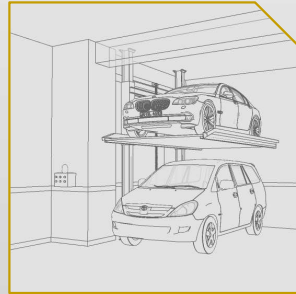
UNITED STARRY



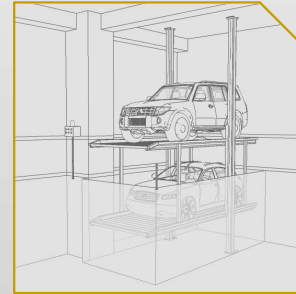
US-101T | FOUR POST SINGLE LIFT



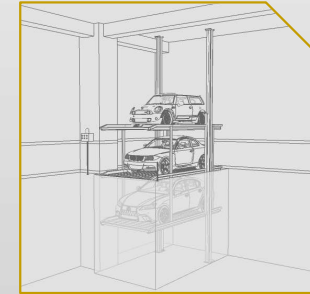
US-101LB | SINGLE LIFT



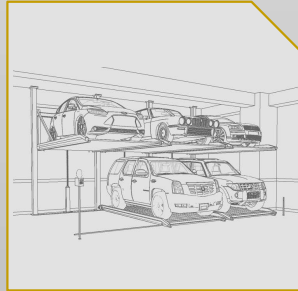
US-101SB | SIDE POST SINGLE LIFT (LEFT OR RIGHT)



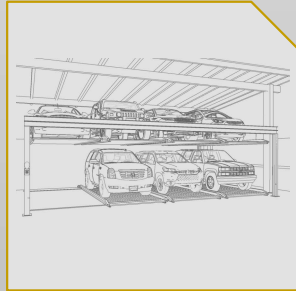
US-102UH | 2-LAYER SINGLE LIFT W/ PIT



US-103UH | 3-LAYER SINGLE LIFT W/ PIT



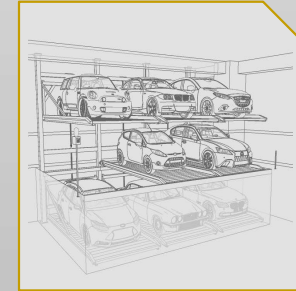
US-202B | 2-LAYER PUZZLE TYPE



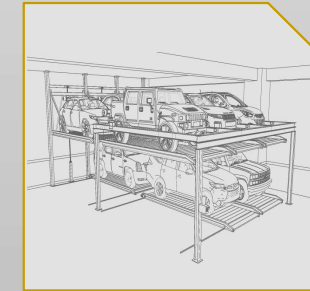
US-202T | FOUR POST 2-LAYER PUZZLE TYPE



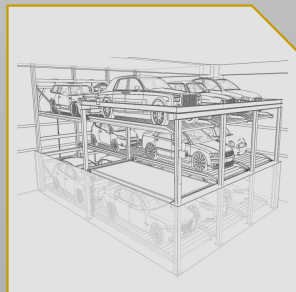
US-202UB | 2-LAYER PUZZLE TYPE W/ PIT



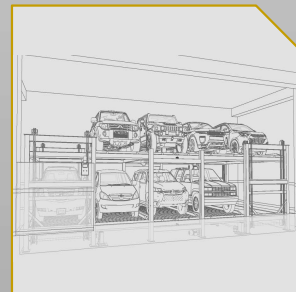
US-303UB | 3-LAYER PUZZLE TYPE W/ PIT



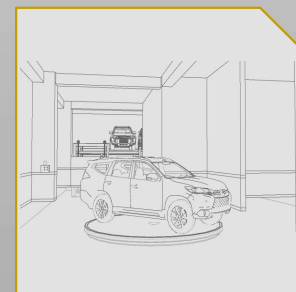
US-202T + 202B PUZZLE TANDEM



US-303UT + 303UB | PUZZLE PIT TANDEM



US-MCT | CAROUSEL



US-360 | 360° TURNTABLE



UNITED STARRY





# Safety Features

UNITED STARRY

Features	101T	101LB	101SB	102UH	103UH	202B	202T	202UB	303UB	202B+202T	303UB+303UT	MCT	360
<b>Emergency Stop</b> When the emergency stop button is pressed, it disables the parking lift anytime.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>Overload Protection</b> When there is an overcurrent, the relay will interrupt the motor's activity to prevent damage to the motor and enhance safety to the users.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>Upper &amp; Lower Limit Switch</b> Limit switches are installed to limit the up and down movement of the car pallets.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
<b>Deadman Switch</b> It needs continuous human intervention to operate the pallet up if there is not enough space on the ceiling height to accommodate the car/s.	✓	✓	✓	✓	✓								✓
<b>Sensor</b> Its operation will pause when there is anything passed by beyond the sensor to the whole parking lift system.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
<b>Emergency Valve</b> This is safety feature for all hydraulic drive parking lift to prevent danger.				✓	✓								
<b>Warning Light</b> The warning light turns on whenever the parking lift is in operation.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>Buzzer</b> The alarm turns on whenever the lift is in operation				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>Control Panel with Lock</b> Control panel comes with a lock to restrict the access of unauthorized personnel.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓



UNITED STARRY



PUSH BUTTON 1



SENSOR 2



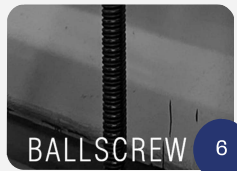
MOTOR 3



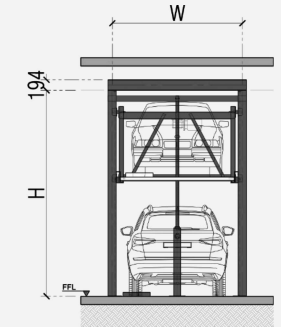
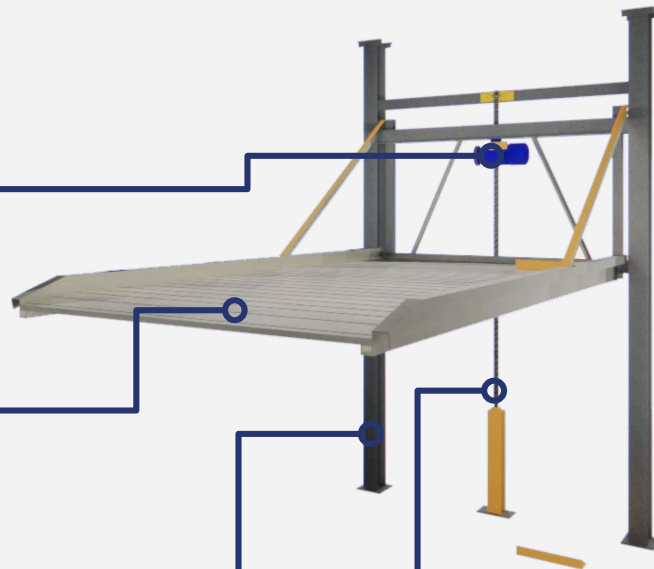
GALVANIZED PALLETTE 4



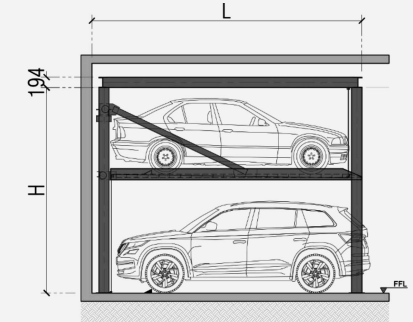
I-BEAM 5



BALLSCREW 6



FRONT ELEVATION



SIDE ELEVATION

The four post single lift model maximizes limited parking spaces through a simple and straightforward solution. It has low site requirements and does not need bolting to the soffit. US-101T is typically used for projects which has low traffic and does not require automatic shifting.

### SPECIFICATIONS

<b>Slot Dimension</b>		L 5050 x W 2300-2500 x H 3200-4300 mm (FFL)
<b>Car Size</b>	Sedan	L 4800 x W 1850 mm
	SUV	L 5000-5300 x W 1900 mm
<b>Safety Load</b>		2200kg; 3000kg (with Chain)
<b>Speed</b>		3 m/min (vertical)
<b>Drive System</b>		Electromechanical Ball Screw
<b>Operation</b>		Key-button type
<b>Main Power Supply</b>		220V / 380V, 3-Phase, 60Hz

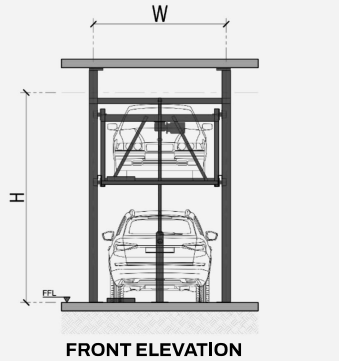
Disclaimer: Design may change without prior notice

Dimensions may be adjusted according to your specifications. Feel free to contact us to discuss.

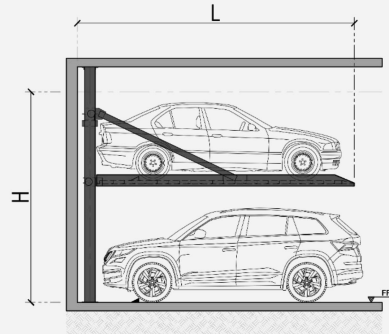


# US-101LB

SINGLE LIFT (REAR BEAM)



FRONT ELEVATION



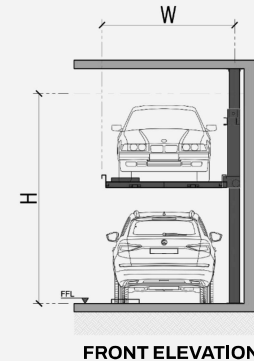
SIDE ELEVATION

The single lift rear beam model maximizes limited parking spaces through a simple and straightforward solution. The model has low site requirements and because of its rear beam design, it also eliminates any obstructions during parking therefore minimizing accidents. US-101LB is typically used for projects which has low traffic and does not require automatic shifting.

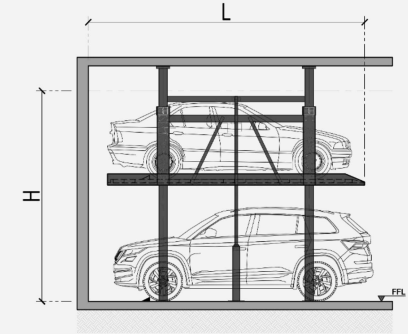
SPECIFICATIONS	
<b>Slot Dimension</b>	L 5000 x W 2300-2500 x H 3200-4300 mm (FFL)
<b>Car Size</b>	<b>Sedan</b> L 4800 x W 1850 mm
	<b>SUV</b> L 5000-5300 x W 1900 mm
<b>Safety Load</b>	2200kg; 3000kg (with Chain)
<b>Speed</b>	3.0 m/min (vertical)
<b>Drive System</b>	Electromechanical Ball Screw
<b>Operation</b>	Key-button type
<b>Main Power Supply</b>	220V / 380V, 3-Phase, 60Hz

# US-101SB

SIDE POST SINGLE LIFT (LEFT OR RIGHT)



FRONT ELEVATION



SIDE ELEVATION

The single lift side beam model is similar to the single lift rear beam model, but the posts are located on the side of the parking space instead of on the rear. US-101SB is typically used for low-traffic projects which does not require automatic shifting, but still needs access behind the parking space.

SPECIFICATIONS	
<b>Slot Dimension</b>	L 5000 x W 2550-2750 x H 3250-4350 mm (FFL)
<b>Car Size</b>	<b>Sedan</b> L 4800 x W 1850 mm
	<b>SUV</b> L 5000-5300 x W 1900 mm
<b>Safety Load</b>	2200kg; 3000kg (with Chain)
<b>Speed</b>	3 m/min (vertical)
<b>Drive System</b>	Electromechanical Ball Screw
<b>Operation</b>	Key-button type
<b>Main Power Supply</b>	220V / 380V, 3-Phase, 60Hz

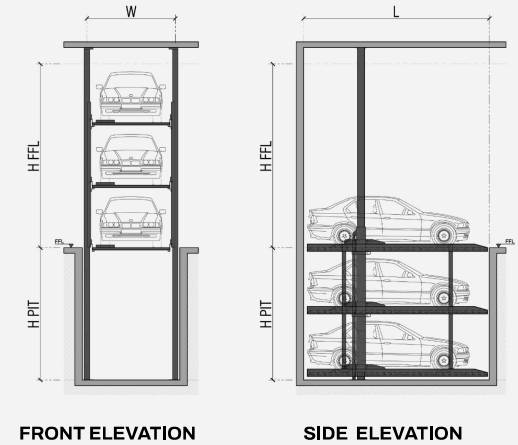
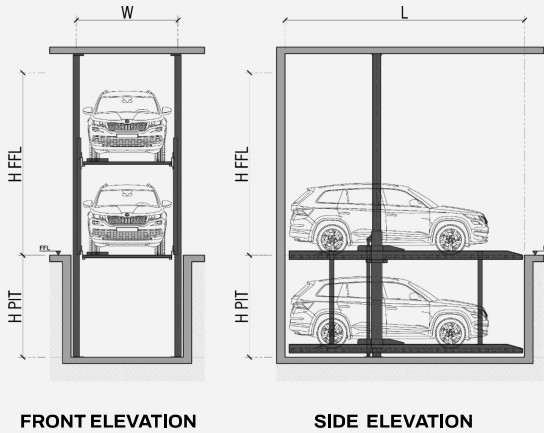


# US-102UH

UNITED STARRY 2-LAYER SINGLE LIFT WITH PIT

# US-103UH

3-LAYER SINGLE LIFT WITH PIT



US-102UH has a parking capacity of two (2) cars per unit while also utilizing the pit space. The solution is perfect for relatively low traffic projects with extra pit space and does not require automatic shifting. To ensure that no cars will be damaged, movement limit switches are installed into the system.

SPECIFICATIONS		
<b>Slot Dimension</b>		L 5050-5650 x W 2320-2520 x H 3200-4300 (FFL) x H 1850-2400 mm (Pit Depth)
<b>Car Size</b>	<b>Sedan</b>	L 4800 x W 1850 mm
	<b>SUV</b>	L 5000-5300 x W 1900 mm
<b>Safety Load</b>		2200kg; 3000kg (with Chain)
<b>Speed</b>		3 m/min (vertical)
<b>Drive System</b>		Hydraulic
<b>Operation</b>		Key-button type
<b>Main Power Supply</b>		220V / 380V, 3-Phase, 60Hz

US-103UH has a parking capacity of three (3) cars per unit while also utilizing the pit space. The solution is perfect for relatively low traffic projects with a deeper pit space, higher floor to ceiling clearance and does not require automatic shifting. To ensure that no cars will be damaged, movement limit switches are installed into the system.

SPECIFICATIONS		
<b>Slot Dimension</b>		L 5050-5650 x W 2320-2520 x H 4750-6500 (FFL) x H 3400-4600 mm (Pit Depth)
<b>Car Size</b>	<b>Sedan</b>	L 4800 x W 1850 mm
	<b>SUV</b>	L 5000-5300 x W 1900 mm
<b>Safety Load</b>		2200kg; 3000kg (with Chain)
<b>Speed</b>		3 m/min (vertical)
<b>Drive System</b>		Hydraulic
<b>Operation</b>		Key-button type
<b>Main Power Supply</b>		220V / 380V, 3-Phase, 60Hz



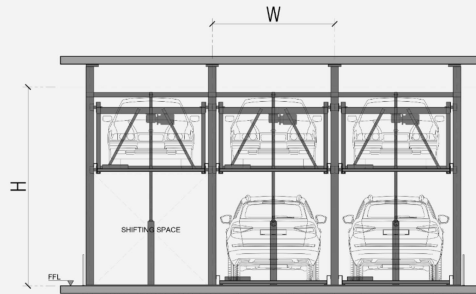


# US-202B

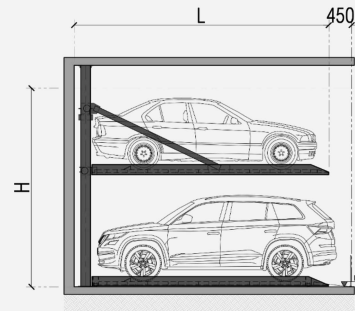
UNITED STARRY 2-LAYER PUZZLE

# US-202T

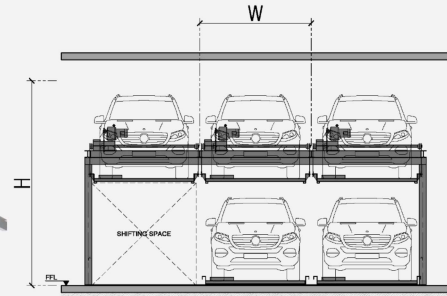
FOUR POST 2-LAYER PUZZLE



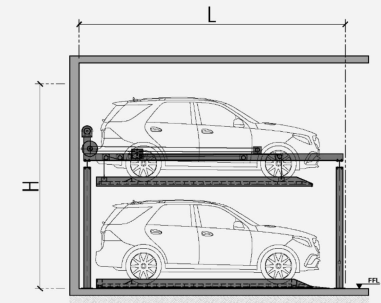
FRONT ELEVATION



SIDE ELEVATION



FRONT ELEVATION



SIDE ELEVATION

The 2-layer puzzle model maximizes parking spaces while maintaining flexibility. It is fully automatic therefore, offering convenience to the users while also maintaining the obstruction free rear beam design. US-202B is perfect for high traffic projects since it only needs minimal to no supervision and it can handle the strain of constant pallet movement.

SPECIFICATIONS	
<b>Slot Dimension</b>	L 5000 x W 2300-2500 x H 3300-4400 mm (FFL)
<b>Car Size</b>	<b>Sedan</b> L 4800 x W 1850 mm
	<b>SUV</b> L 5000-5300 x W 1900 mm
<b>Safety Load</b>	2200kg; 3000kg (with Chain)
<b>Speed</b>	3 m/min (vertical) 6 m/min (horizontal)
<b>Drive System</b>	Electromechanical Ballscrew
<b>Operation</b>	Key-button type
<b>Main Power Supply</b>	220V / 380V, 3-Phase, 60Hz

The four post 2-layer puzzle model maximizes parking spaces while maintaining flexibility. It is fully automatic therefore, offering convenience to the users while also maximizing floor to ceiling heights. US-202T is perfect for high traffic projects since it only needs minimal to no supervision and it can handle the strain of constant pallet movement.

SPECIFICATIONS	
<b>Slot Dimension</b>	L 5475-6075 x W 2300-2500 x H 3300-4400 mm (FFL)
<b>Car Size</b>	<b>Sedan</b> L 4800 x W 1850 mm
	<b>SUV</b> L 5000-5300 x W 1900 mm
<b>Safety Load</b>	2200kg; 3000kg (with Chain)
<b>Speed</b>	3 m/min (vertical) 6 m/min (horizontal)
<b>Drive System</b>	Electromechanical Chain
<b>Operation</b>	Key-button type
<b>Main Power Supply</b>	220V / 380V, 3-Phase, 60Hz

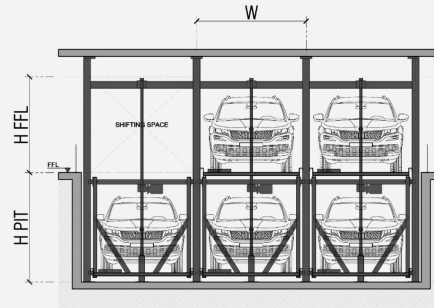


# US-202UB

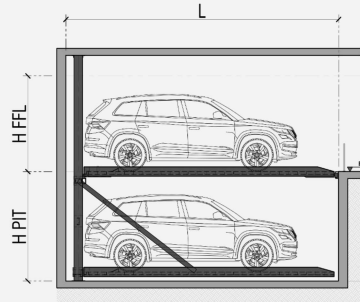
UNITED STARRY 2-LAYER PUZZLE TYPE WITH PIT

# US-303UB

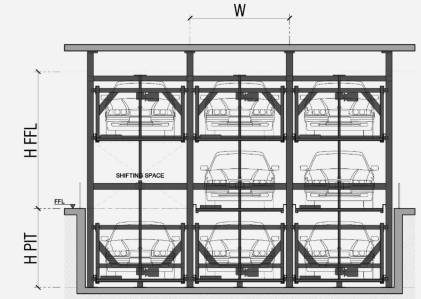
3-LAYER PUZZLE TYPE WITH PIT



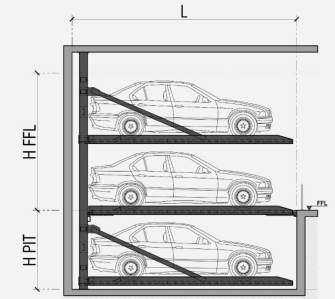
FRONT ELEVATION



SIDE ELEVATION



FRONT ELEVATION



SIDE ELEVATION

The 2-layer puzzle with pit model maintains flexibility while also maximizing parking space through the use of pit space. It is fully automatic therefore, offering convenience to the users while also maintaining the obstruction free rear beam design. Additionally, utilizing the pit space eliminates the need of a higher floor to ceiling height. US-202UB is perfect for high traffic projects since it only needs minimal to no supervision and it can handle the strain of constant pallet movement.

## SPECIFICATIONS

<b>Slot Dimension</b>		L 5400-6000 x W 2300-2500 x H 1550-2100 mm (FFL) x H 1850-2400 mm (Pit)
<b>Car Size</b>	<b>Sedan</b>	L 4800 x W 1850 mm
	<b>SUV</b>	L 5000-5300 x W 1900 mm
<b>Safety Load</b>		2200kg; 3000kg (with Chain)
<b>Speed</b>		3 m/min (vertical) 6 m/min (horizontal)
<b>Drive System</b>		Electromechanical Ball Screw
<b>Operation</b>		Key-button type
<b>Main Power Supply</b>		220V / 380V, 3-Phase, 60Hz

The 3-layer puzzle with pit model maintains flexibility while also maximizing parking space through the use of pit space and the floor clear height. It is fully automatic therefore, offering convenience to the users while also maintaining the obstruction free rear beam design. Additionally, utilizing the pit space eliminates the need of a higher floor to ceiling height. US-303UB is perfect for high traffic projects since it only needs minimal to no supervision and it can handle the strain of constant pallet movement.

## SPECIFICATIONS

<b>Slot Dimension</b>		L 5400-6000 x W 2300-2500 x H 3320-4420 mm (FFL) x H 1850-2400 mm (Pit)
<b>Car Size</b>	<b>Sedan</b>	L 4800 x W 1850 mm
	<b>SUV</b>	L 5000-5300 x W 1900 mm
<b>Safety Load</b>		2200kg; 3000kg (with Chain)
<b>Speed</b>		3 m/min (vertical) 6 m/min (horizontal)
<b>Drive System</b>		Electromechanical Ball Screw
<b>Operation</b>		Key-button type
<b>Main Power Supply</b>		220V / 380V, 3-Phase, 60Hz

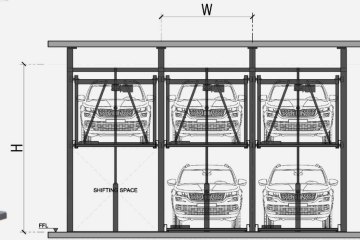


# US-202T + 202B

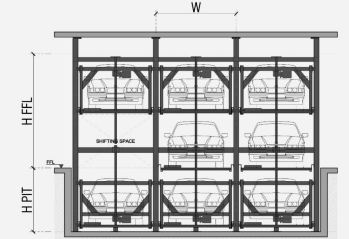
UNITED STARRY PUZZLE TANDEM

# US-303UT+303UB

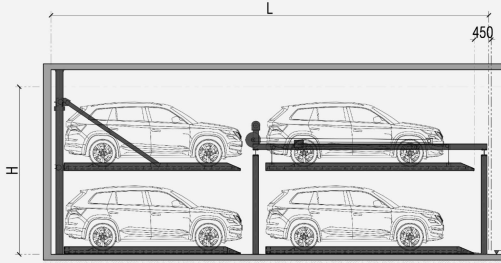
PUZZLE PIT TANDEM



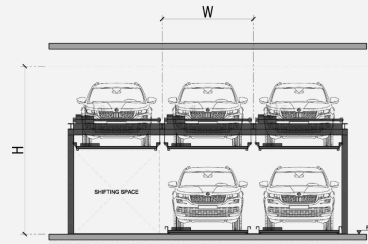
FRONT ELEVATION (REAR SET)



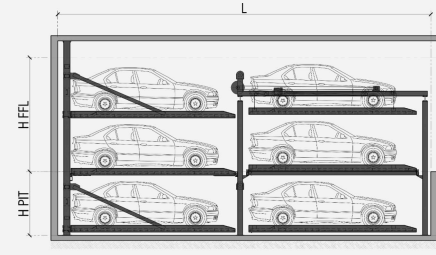
FRONT ELEVATION (REAR SET)



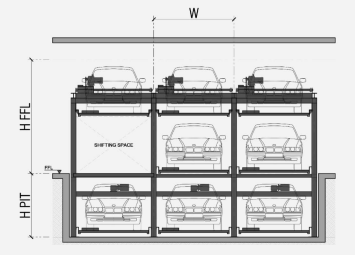
SIDE ELEVATION



FRONT ELEVATION (FRONT SET)



SIDE ELEVATION



FRONT ELEVATION (FRONT SET)

The 2-layer puzzle tandem model maximizes depth of parking spaces with minimal to zero wastage of ground area. US-202T+202B makes it possible to access deeper parking spaces that would otherwise be unreachable from the driveway, while being fully automatic.

## SPECIFICATIONS

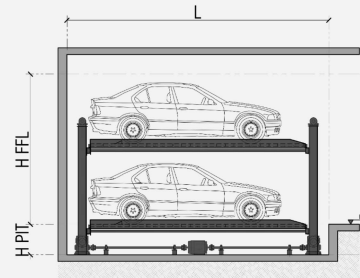
<b>Slot Dimension</b>		L 10675-11825 x W 2300-2500 x H 3300-4400 mm (FFL)
<b>Car Size</b>	<b>Sedan</b>	L 4800 x W 1850 mm
	<b>SUV</b>	L 5000 x W 1900 mm
<b>Safety Load</b>		2200kg; 3000kg (with Chain)
<b>Speed</b>		3 m/min (vertical) 6 m/min (horizontal)
<b>Drive System</b>		Electromechanical Ball Screw / Chain
<b>Operation</b>		Key-button type
<b>Main Power Supply</b>		220V / 380V, 3-Phase, 60Hz

The 3-layer puzzle tandem with pit model maximizes depth of parking spaces and pit space with minimal to zero wastage of ground area. US-303UT+303UB makes it possible to access deeper parking spaces that would otherwise be unreachable from the driveway, while being fully automatic.

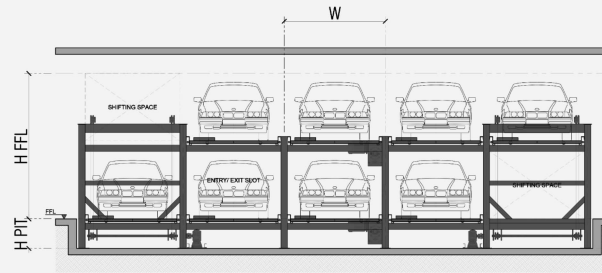
## SPECIFICATIONS

<b>Slot Dimension</b>		L 11100-12300 x W 2300-2500 x H 3320-4420 mm (FFL) H 2000-2550 mm (Pit)
<b>Car Size</b>	<b>Sedan</b>	L 4800 x W 1850 mm
	<b>SUV</b>	L 5000 x W 1900 mm
<b>Safety Load</b>		2200kg; 3000kg (with Chain)
<b>Speed</b>		3 m/min (vertical) 6 m/min (horizontal)
<b>Drive System</b>		Electromechanical Ball Screw / Chain
<b>Operation</b>		Key-button type
<b>Main Power Supply</b>		220V / 380V, 3-Phase, 60Hz

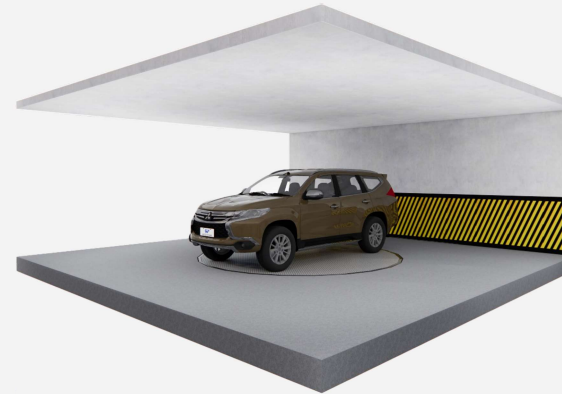




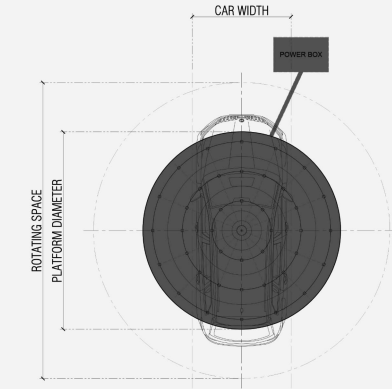
FRONT ELEVATION



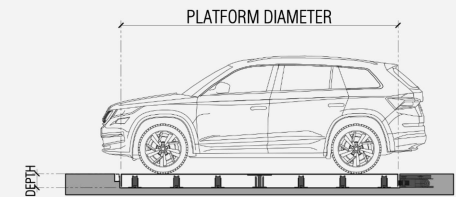
SIDE ELEVATION



200mm pit required for installation



PLAN



SIDE ELEVATION

US-MCT is perfect for spaces with tight or no driveways, but still maintaining flexibility. Unlike other models, the carousel only needs one entry/exit slot and enough width to allow passage of a single vehicle. It is fully automatic and shifts in clockwise or counterclockwise direction, depending on the parking slot. Maximize ground efficiency through utilizing spaces that will otherwise remain unused.

SPECIFICATIONS	
Slot Dimension	L 5900-6500 x W 2300-2500 x H 3350-4450 mm (FFL) H 700 mm (Pit)
Car Size	Sedan L 4800 x W 1850 mm
	SUV L 5000-5300 x W 1900 mm
Safety Load	2200kg; 3000kg (with Chain)
Speed	3 m/min (vertical) 6 m/min (horizontal)
Drive System	Electromechanical Chain
Operation	Key-button type
Main Power Supply	220V / 380V, 3-Phase, 60Hz

US-360 is a solution for low traffic areas that do not have enough space for vehicle turning radius. It can rotate 360 degrees in clockwise or counterclockwise direction (depending on the installation settings) and stop at any desired angle or direction. The 360-degree turntable will most definitely maximize ground efficiency since it allows access to otherwise, unreachable spaces due to limited rotational capabilities of vehicles.

SPECIFICATIONS	
Rotating Space	Ø 6000 mm
Platform Diameter	Ø 4000 mm
Platform Depth	200 mm
Maximum Car Size	L 5300 x W 2000 mm
Safety Load	2200kg
Swing Speed	1.5 r/min. (±Ø 10)
Drive System	Snap Switch, Stop Arbitrarily
Operation	Key-button type
Main Power Supply	220V / 380V, 3-Phase, 60Hz



# Maximize your ground efficiency with us



UNITED STARRY

## GET IN TOUCH

📍 Unit 6C Espeleta Mansion, 938 Espeleta Street, Sta. Cruz, Manila,  
Metro Manila, Philippines, 1003

☎ +632 8742 9366  
+632 8230 2370

📞 +63 917 816 5705  
+63 922 858 9129

✉ [unitedstarry@unityexpress.com.ph](mailto:unitedstarry@unityexpress.com.ph)



WEBSITE



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