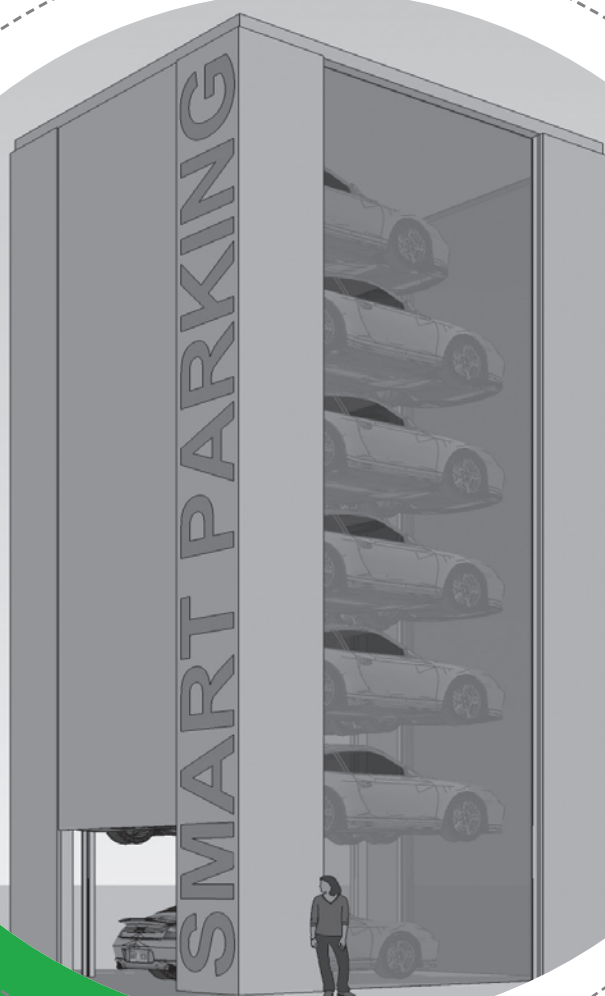


ZAKŁADY MECHANICZNE
WIROMET S.A.



P+
SMART
PARKING

SMART PARKING



Characteristics

The innovative SMART PARKING system is the answer to the increasing problem of the shortage of parking places in Polish towns and cities. A continuous increase in the number of vehicles, high prices of land, small plots and the cost of building an underground garage which exceeds the budgets of investors make the Smart Parking system an excellent alternative to traditional large-scale solutions.

The device occupies around 33 m², i.e., two standard parking places, but it can accommodate from 6 to 16 cars.

SMART PARKING is extremely easy to use and well-designed for everyday convenience. The parking process takes a few seconds. The starting of the system and taking a car to a higher level can be done by entering a PIN code, applying a chip/subscription card, inserting a coin, or using a payment card or telephone. Such a protection ensures that no unauthorised persons will have access to a parked vehicle. The bidirectional rotation of the system ensures that the process of releasing a car is optimal, which shortens the driver's waiting time to only a few tens of seconds.

The structure of this car parking system can remain in its original form or can be aesthetically enclosed. Combined with a well-selected elevation, the system will be in perfect harmony with the environment. This helps to minimise its appearance in the landscape. Glazing a part of the device casing provides a good visibility of the mechanism of the parking system and allows you to differentiate your firm's project from others.

A casing not only provides a space for artistic expression, but also can serve as an additional protection against vandalism and theft.

The SMART PARKING system is ideally suited to modern business districts, historic old towns, housing estates or shopping malls, or wherever the deficit of parking places is a noticeable and real problem.

“ **JUST LIKE
TRANSFORMERS!**
In Mikołów,
it is a sensation ”
TVS

Functional solution

Easy to use – to park or pick up a car, you only need to enter a four-digit PIN code of your choice. You may also operate the Smart Parking with a proximity card, smartphone or via a toll collection system.

Quick installation – time needed to install the Smart Parking system on your premises is 5 days.

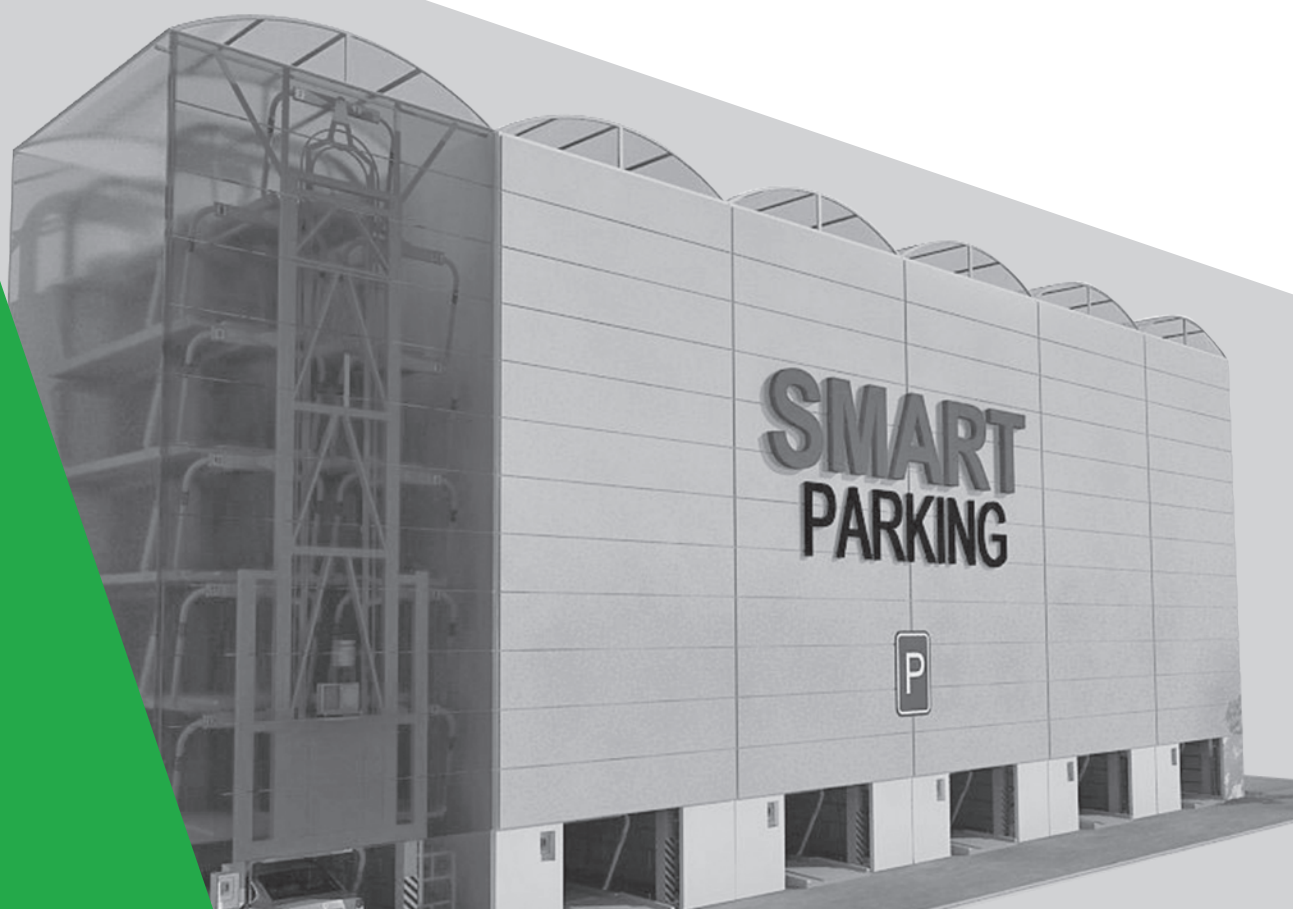
Long lifetime – highly durable and proven materials ensure a lifetime of 15 to 20 years until a complete overhaul is required.

Possible relocation – if necessary, you can move the automated car parking system to any place you wish and install it on a properly prepared foundations.

Low level of noise and vibration – Smart Parking can be located close to residential and office buildings.

Low energy consumption – motor power ranges from 7.5 to 15 kW, depending on the device model.

Simple technical inspection process – the structure and mechanism of the automated parking system is so simple that technical inspections can be performed quickly and efficiently.



SMART PARKING
IS ALSO
A POTENTIAL
ADVERTISING
SPACE

Good investment

Pay **HALF-PRICE**: The cost of building one underground parking place is twice the price for one parking place in the SMART PARKING system.

SOUND INVESTMENT. Installation of the Smart Parking system in places where the deficit of parking spaces is particularly serious and which are the bane of drivers is a guarantee of success and large profits.

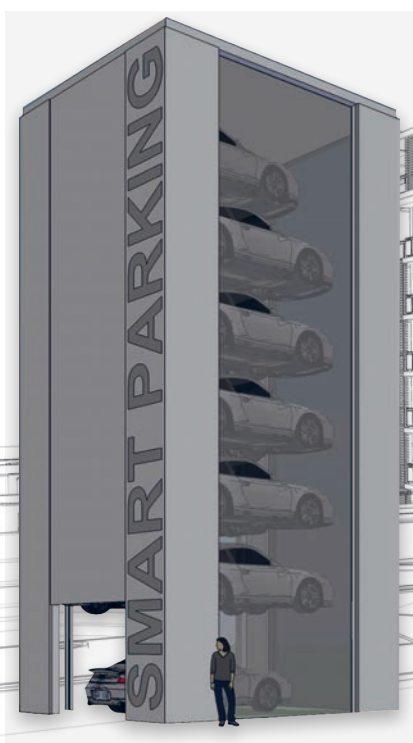
Smart Parking is a **SELF-FINANCING** project. The introduction of parking charges will help you achieve a return on investment even in a few years.

MORE COMMERCIAL INVESTMENT PROJECTS in city centres. The use of the Smart Parking system opens up the possibility of introducing changes in land use and purpose of large city areas from parking spaces to new locations for investment projects and business opportunities.

INNOVATIVE PARKING FACILITIES WITH MODERN ADVERTISEMENTS. Installation of an LCD screen, wall screen or illuminated large-format advertising panels is a guarantee of profits, faster return on investment and increased interest among customers.

“ It looks a bit like a
Big Wheel ”

katowice.gazeta.pl



SMART PARKING

Safety & security



SMART PARKING is equipped with optical sensors at the entrance, warning lights, emergency stop switches and protective equipment against falls from a height. The automated car parking system has been designed to keep you and your car safe.



When using the SMART PARKING system, you don't have to worry about thieves or that someone will devastate your car. Third persons don't have access to your car.



A simple way to park in the automated parking system reduces the possibility of accidental car bumps and scratches to a minimum.



SMART PARKING is environmentally friendly. No need to search for parking places results in lower emissions of harmful gases.



The European certificates awarded to us confirm the achievement of the highest standards in designing parking systems:
CE certificate of conformity (SM-L series) M8A 10 0260033002, TUV, German
CE Certificate of Conformity (SM-SU series) M8A 10 0260033004, TUV, Germany



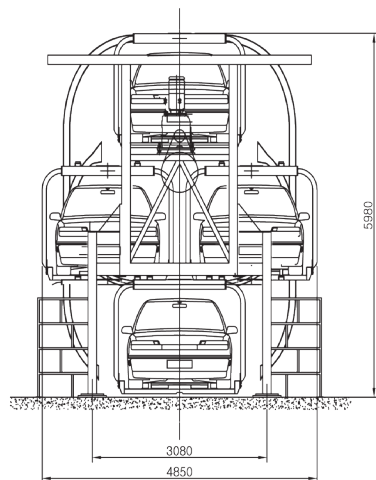
Each car park system comes with our guarantee and full service.

SMART PARKING

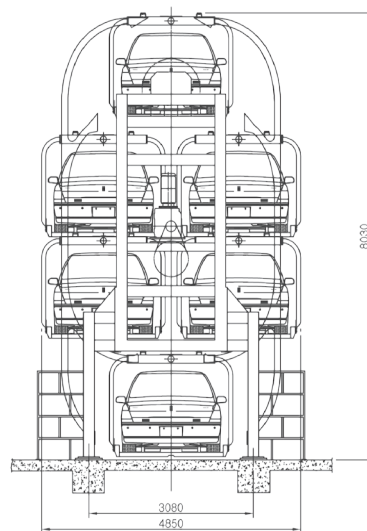
Details of L-Series

The Smart Parking L-series is designed to house sedan cars whose weight does not exceed 2,150 kg and height is not greater than 1.6 m. The capacity of the L-series ranges from 6 to 16 vehicles with the area occupied covering 32.2 m².

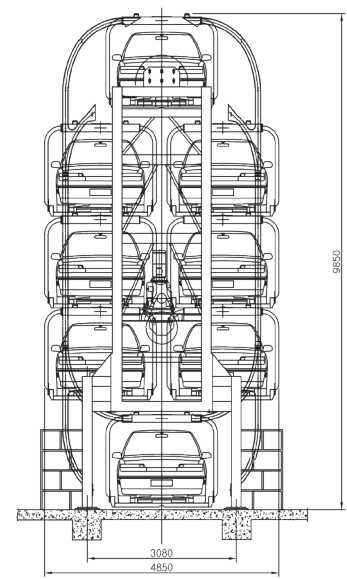
Model		SM6L	SM8L	SM10L	SM12L	SM14L	SM16L
Number of parking places		6	8	10	12	14	16
System dimensions	Length (mm)	6.370	6.370	6.370	6.370	6.370	6.370
	Width (mm)	4.850	4.850	4.850	4.850	4.850	4.850
	Height (mm)	8.030	9.850	11.680	13.500	15.400	17.200
System weight (tonnes)		11.9	14.9	18.6	22.1	24.9	28.6
Vehicle specifications	Length (mm)	5.200	5.200	5.200	5.200	5.200	5.200
	Width (mm)	2.100	2.100	2.100	2.100	2.100	2.100
	Height (mm)	1.600	1.600	1.600	1.600	1.600	1.600
	Weight (kg)	2.150	2.150	2.150	2.150	2.150	2.150
Motor power (kW)		5.5	7.5	7.5	7.5	11	15
Speed (m/min)		3.1~4.2			3.6~4.2		5~8
Permissible temperature range		-40℃ ~ +45℃					
Sound level		60 ~65dB					
Power supply		AC380V, 3PH, 50/60Hz					



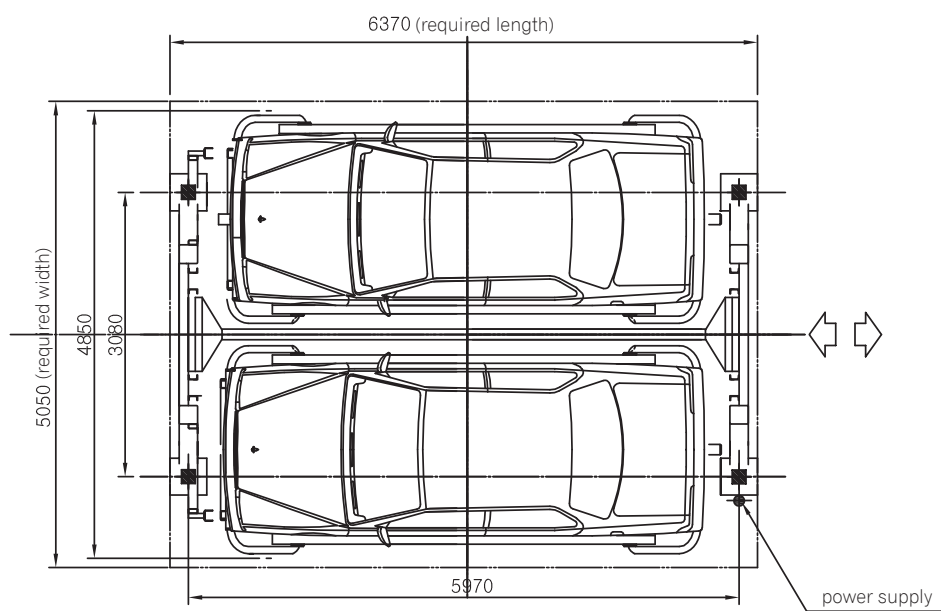
SM4L



SM6L

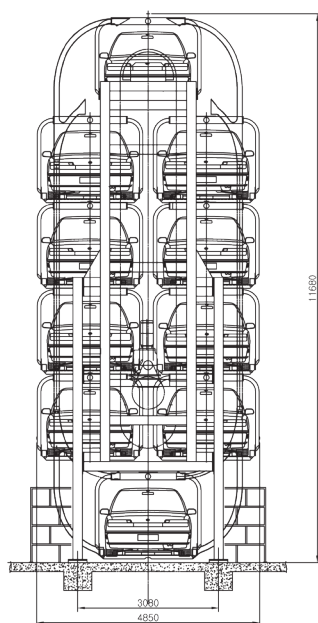


SM8L

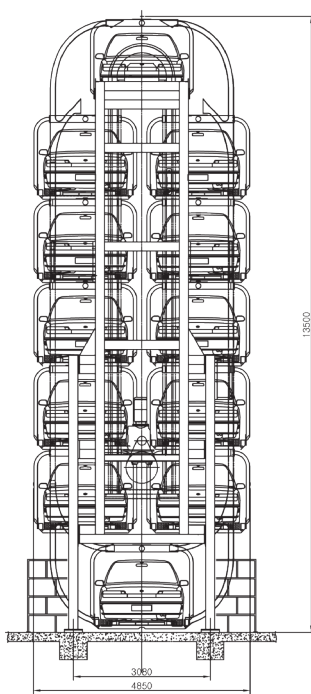


“ **SMART PARKING** is a new way of investing.”

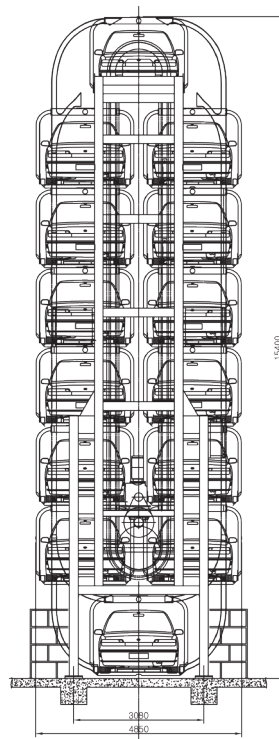
Gazeta Nasza-Okolica.pl



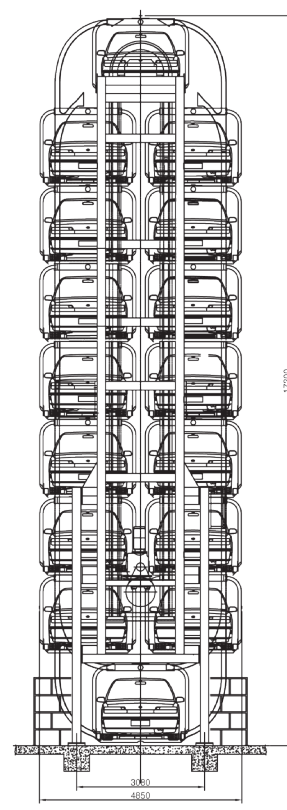
SM10L



SM12L



SM14L



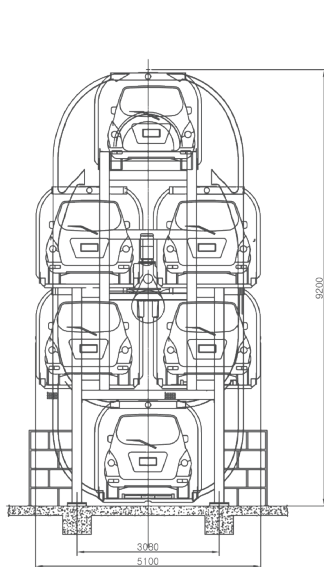
SM16L

SMART PARKING

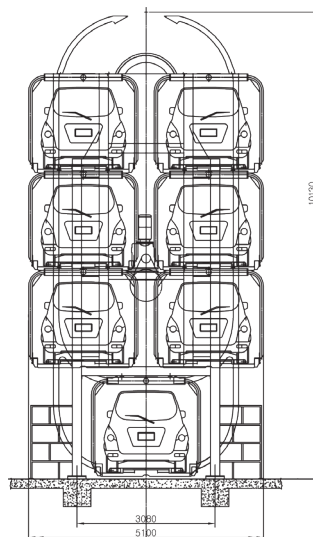
Details of SU-Series

The Smart Parking SU-series is designed to house SUVs whose weight does not exceed 2,400 kg and height is not greater than 1.9 m. The capacity of the SU-series ranges from 6 to 12 vehicles with the area occupied covering 33.8 m².

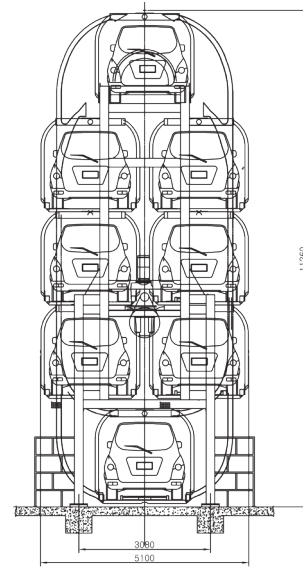
Model		SM6SU	SM7SU	SM8SU	SM9SU	SM10SU	SM11SU	SM12SU
Number of parking places		6	7	8	9	10	11	12
System dimensions	Length (mm)	6.370	6.370	6.370	6.370	6.370	6.370	6.370
	Width (mm)	5.100	5.100	5.100	5.100	5.100	5.100	5.100
	Height (mm)	9.200	10.130	11.260	12.330	13.400	14.370	15.500
System weight (tonnes)		13.5	15.5	17.3	19.5	21.2	23	24.6
Vehicle specifications	Length (mm)	5.200	5.200	5.200	5.200	5.200	5.200	5.200
	Width (mm)	2.100	2.100	2.100	2.100	2.100	2.100	2.100
	Height (mm)	1.900	1.900	1.900	1.900	1.900	1.900	1.900
	Weight (kg)	2.400	2.400	2.400	2.400	2.400	2.400	2.400
Motor power (kW)		7.5	7.5	9.2	9.2	9.2	11	11
Speed (m/min)		4~5						
Permissible temperature range		-40°C ~ +45°C						
Sound level		60 ~ 65dB						
Power supply		AC380V, 3PH, 50/60Hz						



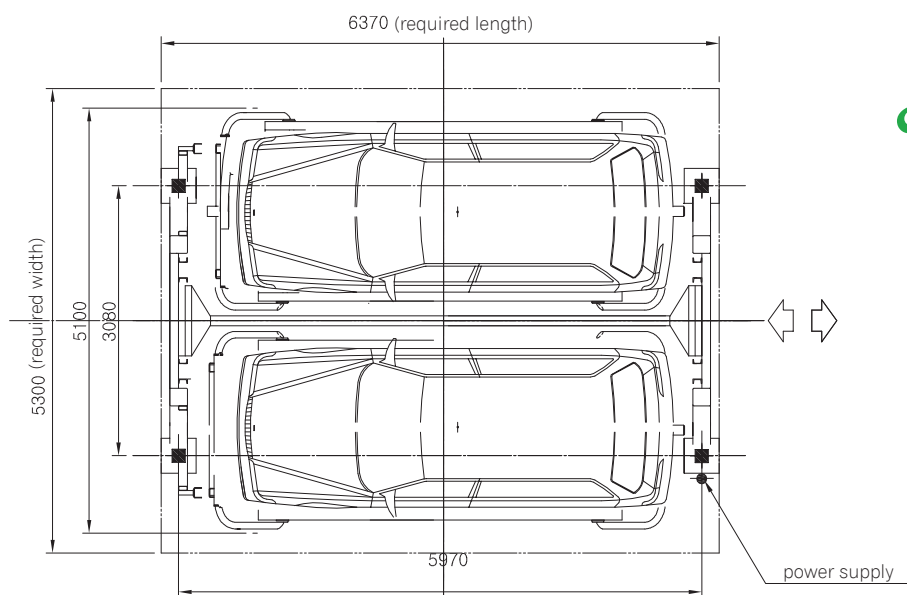
SM6SU



SM7SU



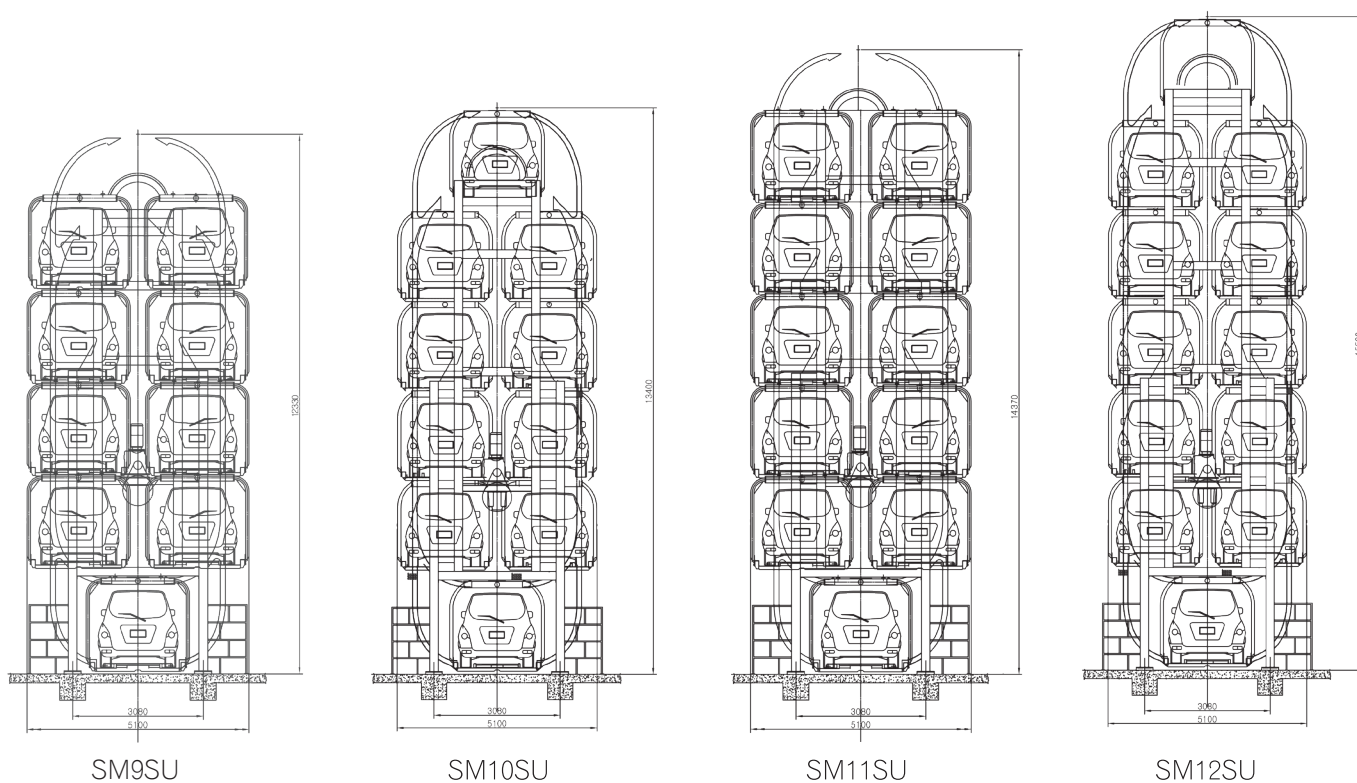
SM8SU



**“ PARKING HERE
IS EASY!**

or even easier than
in a conventional
car park ”

Dziennik Zachodni



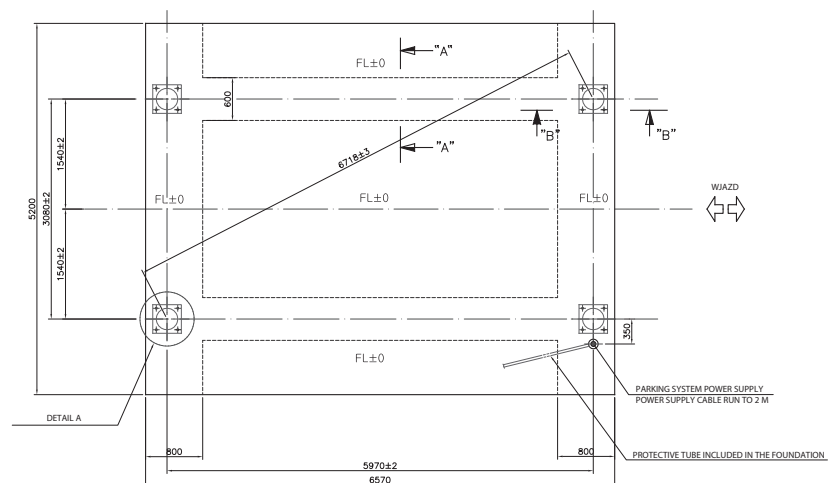
SMART PARKING

Foundation

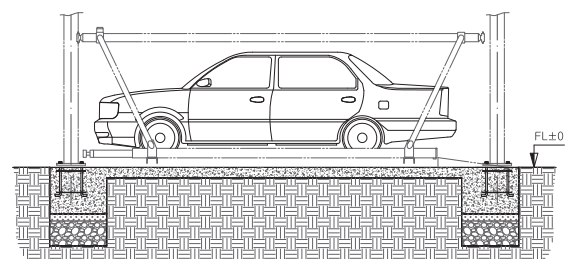
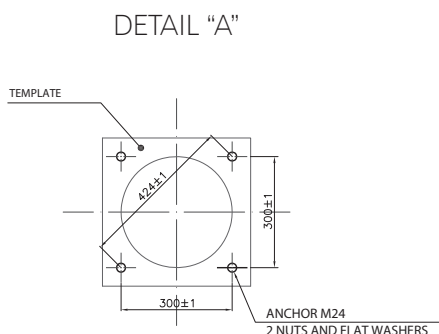
The Smart Parking system is installed on a foundation made in accordance with the guidelines in Figure 1. The design process should take into account the basic dimensions, distances and forces applied to the foundation by the device.

The foundation should include a protective tube with a power supply cable of a cross-section matching the respective device model.

Figure 1.



* each time the guidelines should be consulted with WIROMET S.A.



Column-generated forces acting on the foundation:

	L-SERIES					SU-SERIES		
MODEL	SM8L	SM10L	SM12L	SM14L	SM16L	SM8SU	SM10SU	SM12SU
LOAD (T)	8.4	10	12	14	16	9.8	11.5	13.5
LOAD (kN)	82	98	118	137	157	96	112.5	131.8

Implementations

SMART PARKING





Automatic saving of space,
time and money!
Think Smart

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