



# GRAND VERTICAL PARKING

## Key advantages of GVP systems



**01 GUS CLASSIFICATION: MACHINE, NOT BUILDING**  
A machine with a compact, modular structure

**02 PORTABLE, ANCHORED STRUCTURE**  
Proper assembly and disassembly of the machine

**03 MACHINERY DIRECTIVE**  
the GVP production technology complies with its requirements

**04 TECHNICAL INSPECTION BODY**  
approval and supervision carried out by a notified body

**05 PROPRIETARY PRODUCTION TECHNOLOGY**  
developed and patented by Grand Group

**06 ARCHITECTURAL FLEXIBILITY**  
the outer structural element of the machine is a variable element that can be easily adapted to the customer's architectural requirements

**07 PARKING ON BOTH SIDIS**  
and drive-through operation



ECO outer structural element

glass outer structural element

mesh outer structural element

# AUTOMATIC VERTICAL PARKING GVP

# PARKING GVP



\* Example GVP12 model

# Urban parking

## 84 parking spaces



# Benefits of using

## GVP systems



By using seven automatic vertical parking systems,

the city gains a new public space for residents:

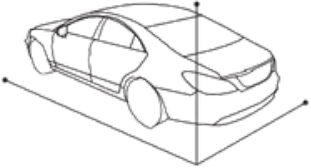
- cycle paths
- children's playground
- bicycle parking
- benches
- food and service area

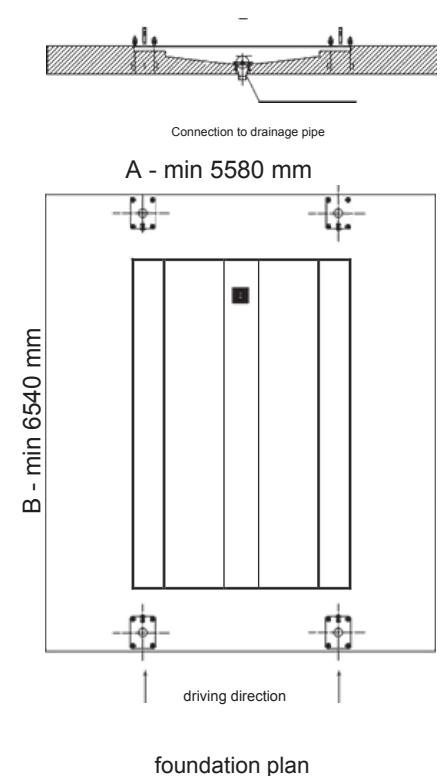
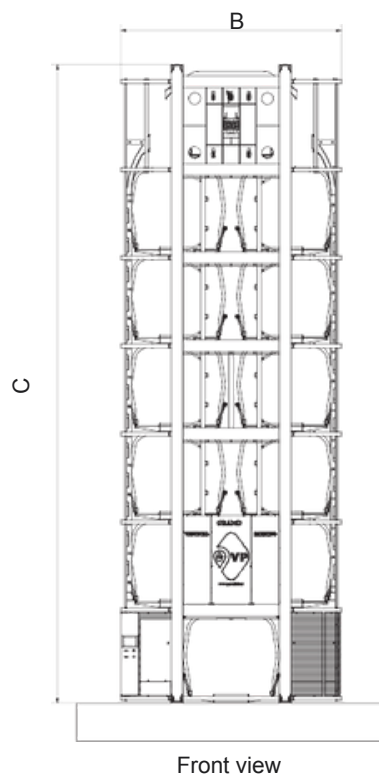
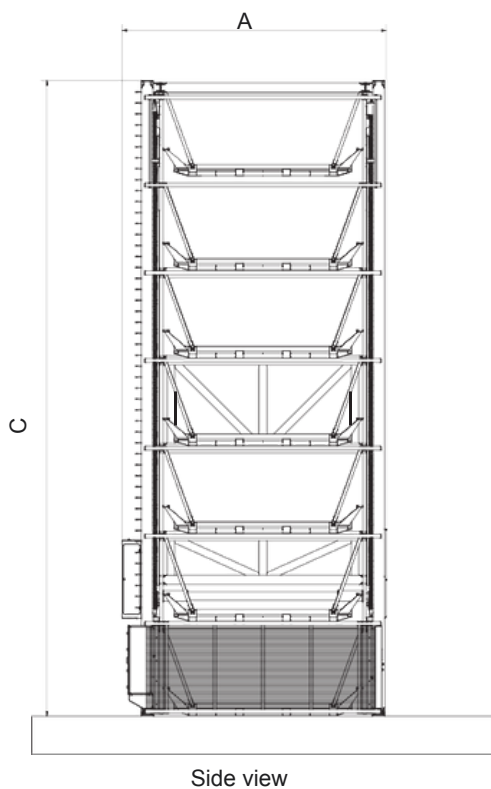
Example site arrangement

Use of GVP machines

# Technical specifications of GVP models

## Model GVP

		GVP 6	GVP 8	GVP 10	GVP 12	GVP 14	GVP 16
Number of parking spaces [pcs]		6	8	10	12	14	16
Structure dimensions	A - Length [mm]	6850					
	B - Width [mm]	5700					
	C - Height [mm]	9600	11900	14200	16500	18700	21000
Structure weight [kg]		26200	29000	32400	35900	39300	41500
Permissible operating temperature range		-40 [°C] - +50 [°C]					
Noise level		up to 56[dB]					
Power supply connection		400V AC, 3PH, 50/60 [Hz]					
Foundation dimensions		A - min 5580 mm B - min 6540 mm					
Vehicle parameters 	A - Length [mm]	5000					
	B - Width [mm]	2000					
	C - Height [mm]	2000					
	Weight [kg]	2500					



# GVP model

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## types



### **GVP 16**

Height - 21000 mm

Number of parking spaces - 16



### **GVP 14**

Height - 18700 mm

Number of parking spaces - 14



### **GVP 12**

Height - 16500 mm

Number of parking spaces - 12



### **GVP 10**

Height - 14200 mm

Number of parking spaces - 10



### **GVP 8**

Height - 11900 mm

Number of parking spaces - 8



### **GVP 6**

Height - 9600 mm

Number of parking spaces - 6

# Higher level of efficiency

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## TRANSPARENCY

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the world's first two-way parking system that enables parking on both sides and leaving the system without changing driving direction



## POLISH PRODUCT

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the machine is 100% manufactured in our own production plant with modern machinery



## AUTHORIZED PRODUCTION TECHNOLOGY

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developed by the research and development department of Grand Group



## MOBILITY AND COMPACTNESS

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the compact structure enables easy transport and fast installation at the customer's site, as well as disassembly and installation elsewhere



## GVP MACHINE MODULARITY

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possibility to create machine combinations: side or no assembly, shared cabinet and control elements



## SYSTEM INTEGRATION

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seamless integration with external systems for automatic data collection



## POSITIVE IMPACT ON CO2 EMISSION REDUCTION

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reduction of CO2 emissions and carbon footprint



## ADVERTISING SPACE

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possibility of adaptation for advertising purposes



## SAFETY

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- proprietary, patented safety-system solution
- emergency power supply
- real-time machine operation monitoring



## PRODUCTION

Precise and repeatable CNC metal machining

## CONSTRUCTION

general contractor for construction projects

## POOLS

stainless steel

## GRAND VERTICAL PARKING

vertical automatic parking

## TOURISM

GRAND Chotowa Hotel \*\*\* SPA G Resort

## FUEL SALES

Orlen filling stations

## Contact us



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