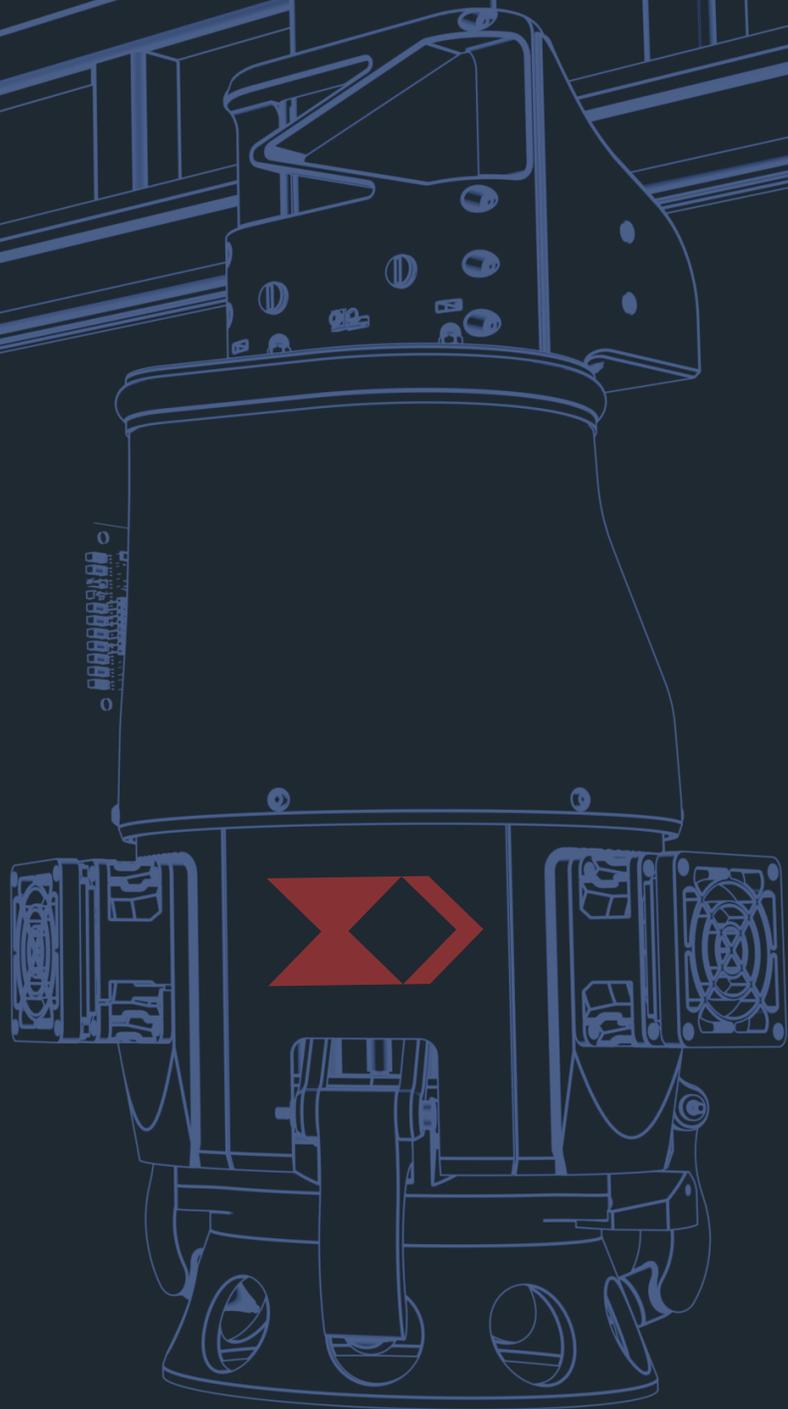
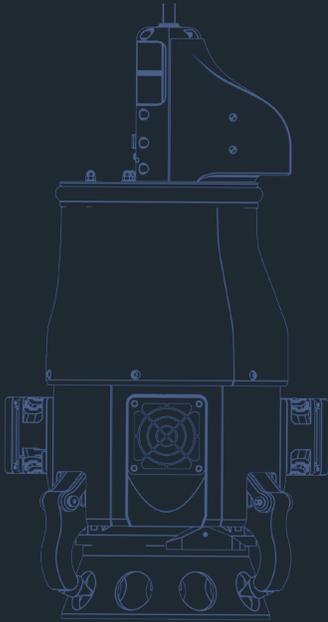


WePlug[®]

EV Charging System

A fully automated, 60kW* DC fast-charging solution. Featuring an innovative, space-saving overhead delivery system, designed, engineered, and manufactured in the USA.





Product Overview

WePlug revolutionizes electric vehicle charging with our automated DC fast-charging system. Operating from an overhead gantry, this innovative solution locates and connects to vehicles regardless of their charging port position, minimizing infrastructure requirements. WePlug intelligently services multiple vehicles sequentially in parking facilities, solving critical EV charging bottlenecks for architects and developers designing next-generation parking structures.

Key Features

- Automated, hands-free connection between vehicle and charger
- Maximize ROI with single-point EV infrastructure
- High-speed charging performance
- Space-efficient charging
- Configurable for all covered parking environments

System Integration

The WePlug system communicates seamlessly with Westfalia's control software to initiate and manage charging sessions automatically.

Physical Details

EVSE SPECIFICATIONS

Charging Standard	IEC61851-1
Electrical Input Voltage	480 V AC, 3-Phase
Input Voltage	100Vac +/- 10%, 3-Phase
Input Frequency	50Hz / 60Hz
Output Voltage	50V-800V
Max. Output Power	60KW
Max. Output Current	160A CCS1
Operating Temperature	0°C to +40°C
Working Humidity	5% - 95%
Communication	Wi-Fi, OCPP1.6J
Safety Standard	Compliant with CE, EN 61851-1- 2001; EN 61851-21- 2001; EN 62192-22017

PROTECTIVE FEATURES

Over Voltage
Under Voltage
Overload
Short Circuit
Ground Fault
Thermal Overload



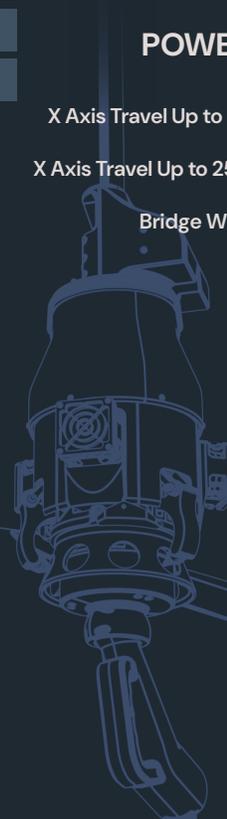
LEARN MORE

MECHANICAL MOVEMENT

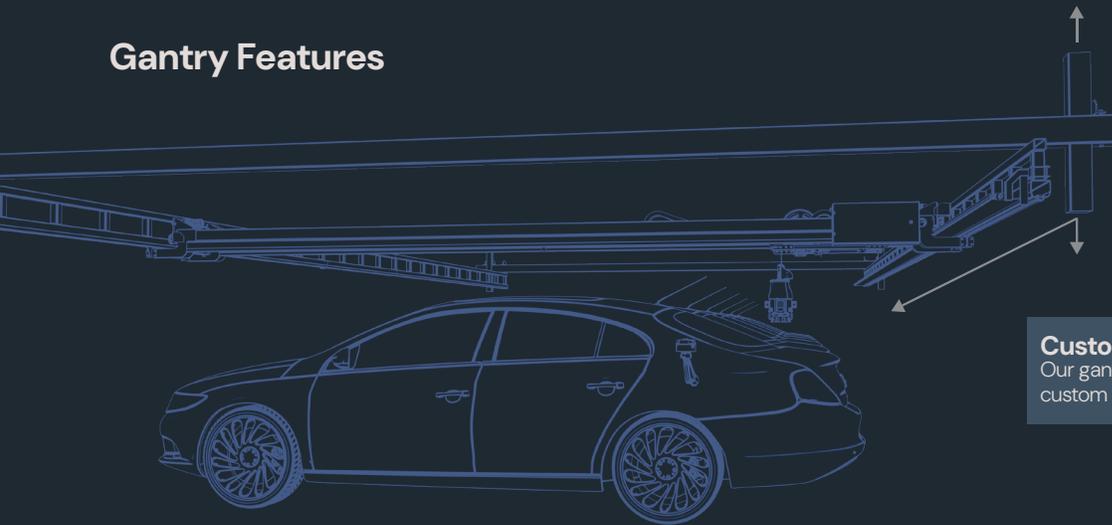
Bridge Movement	X Axis
Trolley Movement	Y Axis
Connector Movement	Z Axis
Materials	Industrial Grade Steel Housing

POWER DELIVERY TO BRIDGE

X Axis Travel Up to 25ft	Cable Carrier
X Axis Travel Up to 250ft	Power Bus
Bridge Width	370" (9400mm) Max.



Gantry Features



Flexible Mounting

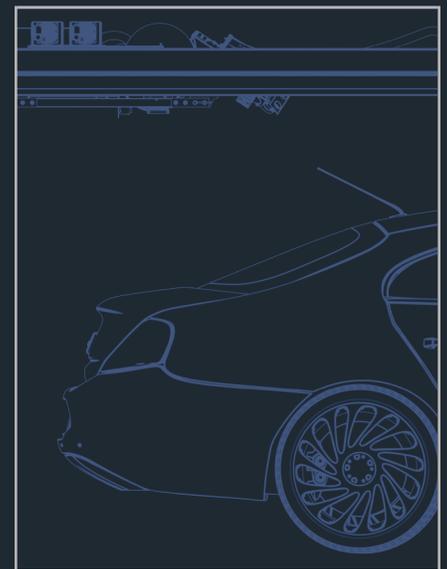
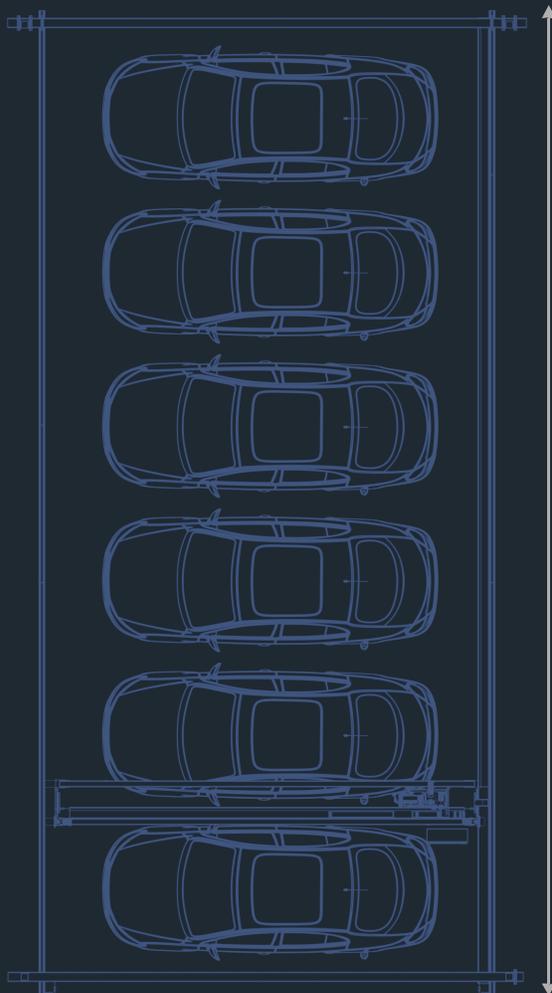
Ceiling or post mounting with just 14" of overhead clearance, enabling installation in space-constrained garages.

Custom Scalability

Our gantry system is expandable to your space, allowing custom sizing to existing garage layouts and fleet size.

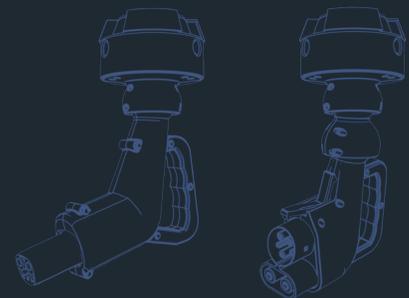
Compact Heads-Up Travel Mode

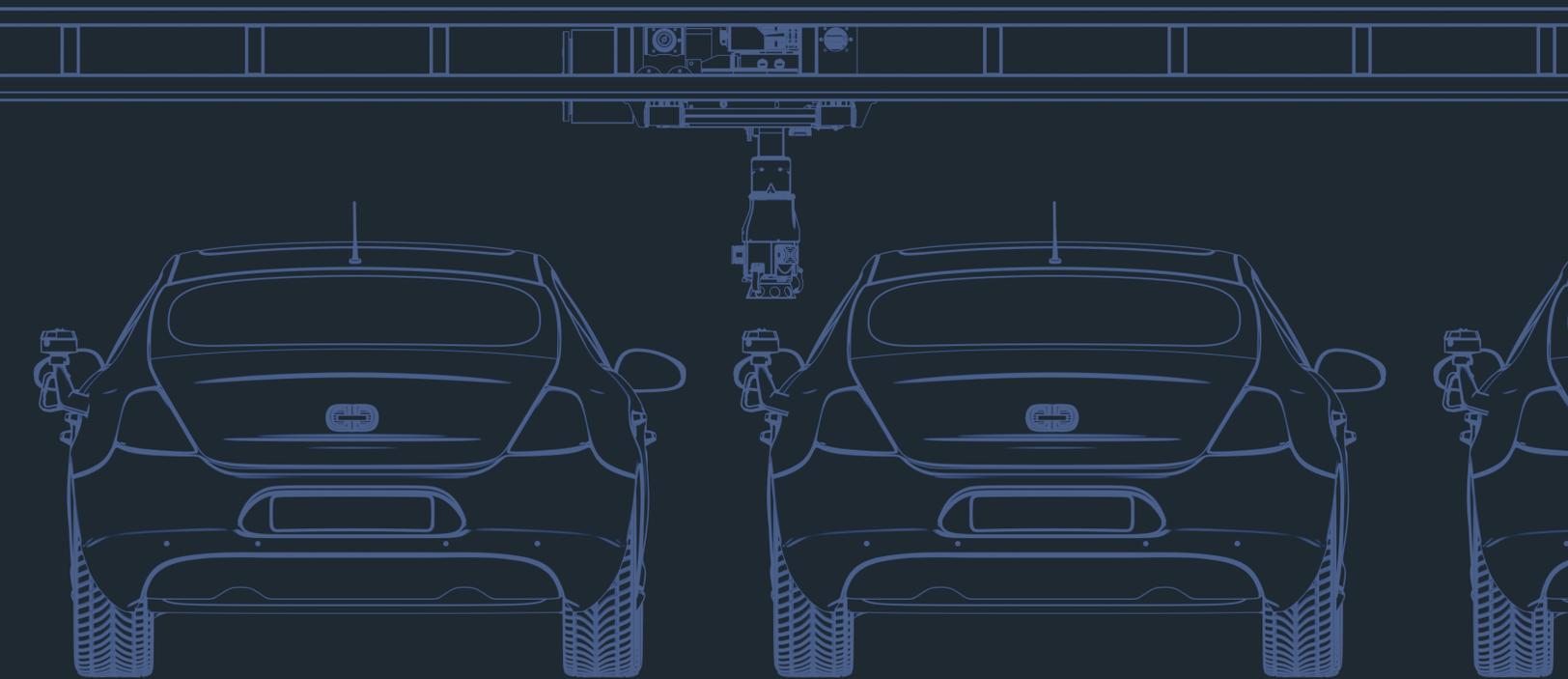
Once the adapter is located via our vision system, the unit **lowers to charge, rises upon completion, and retracts into the carriage** for travel to the next vehicle. This retraction maximizes overhead clearance above vehicle rooflines.



Diverse Adapters

We offer multiple adapters to accommodate any EV make and model, regardless of charging port location or vehicle type.





**For more information about Westfalia's
automated parking solutions, please visit us
at WestfaliaUSA.com or contact us at
Sales@WestfaliaUSA.com**



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