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SAMCEN MOTORS PROFILE



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SAMCEN Motors, a division of Samcen Industrial Co., Ltd., is a forward-thinking electric vehicle (EV) and accessories manufacturer based in China.

The **SAMCEN Motors** division covers end-to-end EV production, including:-

- *Industrial automotive design,*
- *EV manufacturing assembly,*
- *EV chargers, and battery manufacturing.*

SAMCEN Motors offers a comprehensive package with;

- *battery swap service centers,*
- *exporting EVs as Complete Built Units (CBUs),*
- *Completely Knocked Down (CKDs), and Semi-Knocked Down (SKDs).*

Our EV product range includes;

- *Motorcycles, tricycles& bikes,*
- *Sedans, SUVs, vans, buses & trucks,*
- *Specialised EVs Mainly Medical/Ambulances, tow truck wrecker, Semi Trailer, Caravan and*
- *other EV accessories,*

positioning **SAMCEN Motors** as a leader in sustainable mobility solutions globally.



● Company Advantage

Group Company advantages: foreign trade experience, product resources, human resources, overseas market resources, innovative model, core competitiveness and other advantages to promote the vehicle export business

▶ **Foreign Trade Experience**

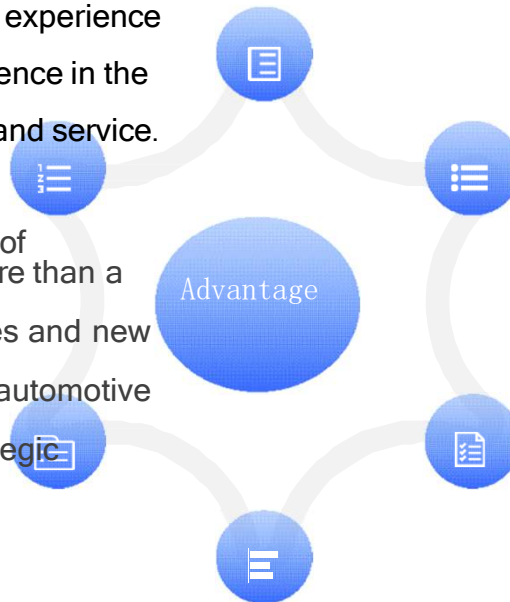
Registered in 2004, now with more than 20 years of experience in trading in international markets, with deep experience in the construction of marketing system integrating sales and service.

▶ **Product Resources**

Integration of domestic resources, with hundreds of suppliers and parts manufacturing companies more than a hundred products, involving traditional fuel vehicles and new energy vehicle resources; with the domestic top automotive design companies and domestic OEMs as strategic partners.

▶ **Human Resources**

The core team are all from domestic mainstream automobile manufacturing enterprises, with more than 20 years of rich working experience.



▶ **Innovative Model**

With domestic investors in one hand and foreign cooperative enterprises in the other, we build factories overseas to produce automobiles









▶ **Overseas Market Resources**

SAMCEN have overseas customer resources and its network channels, with used car import and export Africa & Middle East, CIS and other regions to change the label, modification, export certification and other resources, familiar with the business operation path.

▶ **Core Competitiveness**

Exporting automotive industry technologies to overseas markets and entering some countries and regions in the CIS, Africa & Middle East/Central Asia, and Europe in the form of CBUs and CKDs and SKDs.

SAMCEN Motors Cooperating Partners: Samcen has carried out project cooperation with numbers of OEM in China

Number	Partner	Logo	Type/Model	Status
1	NISSAN		SUV/KD Packing	●
2	VENUCIA		SUV/EV/KD Packing	●
3	HAIMA		SUV/KD Packing	●
4	YUTONG		SUV/EV/KD Packing	●
5	CHERY		SUV/Commercial vehicle/KD Packing	●
6	LAYMCH DESIGN		Vehicle design	●
7	XINGLIN		Vehicle design	●
8	JLY		Vehicle design	●

SAMCEN Automobile Base Planing

The plant is set up with areas such as modification, packaging, design center, assembly, disassembly and other plant showrooms, container yard station and other areas;



Modification
Workshop

Logistics
Warehouse

KD Packaging Center

Design
center

Assembly,
Disassembly
Workshop

show

Container Terminal

3.1 EVs - Sedan

Samcen SLEV1



Basic information	Samcen SLEV1
Energy type	Pure electric
Pure electric range KM	550
Fast charging	0.5 hour
Slow charging	9 hour
Length * width * height mm	4640*1870*1655
Wheelbase mm	2760
Door (piece)	5
Seats	5
Maximum speed KM	260KM
Battery energy kWh	71
Type	Lithium Iron Phosphate
Curb weight	1970

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PRODUCTS PORTFOLIO- CONT'

3.1 EVs – Sedan –(Samcen SLEV1 - Rear & Interior display)



3.2 EVs - Sedan

Samcen SLEV2



Basic information	Samcen SLEV2
Energy type	BEV
Pure electric range KM	600
Fast charging	0.5h
Slow charging	8h
Length * width * height mm	4770*1890*1683
Wheelbase mm	2826
Door (piece)	5
Seats	5
Maximum speed KM	260
Battery energy kWh	67
Type	Lithium iron phosphate battery
Curb weight	

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PRODUCTS PORTFOLIO- CONT'

3.2 EVs – Sedan (Samcen SLEV2- Side & Interior View)



3.3 EVs - Sedan

Samcen SCEV02



Basic information	Samcen SCEV02
Energy type	BEV
Pure electric range KM	500
Fast charging	0.5h
Slow charging	8h
Length * width * height mm	4770*1890*1483
Wheelbase mm	2826
Door (piece)	5
Seats	5
Maximum speed KM	260
Battery energy kWh	67
Type	Lithium iron phosphate battery
Curb weight	

3.4 EVs - Sedan

Samcen SCEV03



Basic information	Samcen SCEV03
Energy type	BEV
Pure electric range KM	500
Fast charging	0.5h
Slow charging	8h
Length * width * height mm	4770*1890*1483
Wheelbase mm	2826
Door (piece)	5
Seats	5
Maximum speed KM	260
Battery energy kWh	67
Type	Lithium iron phosphate battery
Curb weight	1900

3.5 EVs - Sedan

Samcen SCEV04



Basic information	Samcen SCECEV04
Energy type	BEV
Pure electric range KM	500
Fast charging	0.5h
Slow charging	8h
Length * width * height mm	4770*1890*1483
Wheelbase mm	2826
Door (piece)	5
Seats	5
Maximum speed KM	260
Battery energy kWh	67
Type	Lithium iron phosphate battery
Curb weight	

3.6 EVs - Sedan

Samcen SCEV06



Basic information	Samcen SCEV06
Energy type	BEV
Pure electric range KM	500
Fast charging	0.5h
Slow charging	8h
Length * width * height mm	4770*1890*1483
Wheelbase mm	2826
Door (piece)	5
Seats	5
Maximum speed KM	260
Battery energy kWh	67
Type	Lithium iron phosphate battery
Curb weight	1900

3.7 EVs - SUV

Samcen SULEV1



Basic information	Samcen SULEV1
Energy type	BEV
Pure electric range KM	500
Fast charging	0.5h
Slow charging	8h
Length * width * height mm	4770*1890*1683
Wheelbase mm	2826
Door (piece)	5
Seats	5
Maximum speed KM	260
Battery energy kWh	67
Type	Lithium iron phosphate battery
Curb weight	

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PRODUCTS PORTFOLIO- CONT'

3.7 EVs – SUV (Samcen SULEV1 – Front, Interior & Engine view)



3.8 EVs - VANS

Samcen Jiangtun



Basic information	Samcen Jiangtun
Energy type	BEV
Pure electric range KM	500
Fast charging	0.5h
Slow charging	8h
Length * width * height mm	4770*1890*1683
Wheelbase mm	2826
Door (piece)	3
Seats	5
Maximum speed KM	160
Battery energy kWh	67
Type	Lithium iron phosphate battery
Curb weight	1900

3.9 EVs - VANS

Samcen Haise1



Basic information	Samcen Haise 1
Energy type	BEV
Pure electric range KM	200-250
Fast charging	0.5h
Slow charging	8h
Length * width * height mm	4900/5330x1700x2050/2250
Wheelbase mm	2890
Door (piece)	4
Seats	11-15
Maximum speed KM	100
Battery energy kWh	49.87
Type	LiFePO4
Curb weight	3450/2050,
Chassis	Monocoque body
Driving Motor	PMSM,50/80(rated/Max. power)

3.9 EVs – VANS (Samcen Haise 1 – Front, Interior & Engine view)



3.10 EVs - VANS

Samcen Haise Flat Roof



Basic information	Samcen Haise Flat Roof
Energy type	BEV
Pure electric range KM	200-300
Fast charging	0.5h
Slow charging	8h
Length * width * height mm	5380*1880*2285
Wheelbase mm	3110
Door (piece)	4
Seats	11-15
Maximum speed KM	100
Battery energy kWh	49.87
Type	LiFePO4
Curb weight	3560
Chassis	Monocoque body
Driving Motor	PMSM,50/80(rated/Max. power)

3.11 EVs - PickUps

Samcen X6



Basic information	Samcen X6
Energy type	BEV
Pure electric range KM	500
Fast charging	0.5h
Slow charging	9h
Length * width * height mm	4770*1890*1683
Wheelbase mm	2826
Door (piece)	5
Seats	5
Maximum speed KM	160
Battery energy kWh	67
Type	Lithium iron phosphate battery
Curb weight	1900

3.12 EV- Truck

Samcen STR02



Basic information	Samcen STR02
Energy type	BEV
Pure electric range KM	500
Fast charging	0.5h
Slow charging	8h
Length * width * height mm	9670*2490*3583
Wheelbase mm	2826
Door (piece)	2
Seats	5
Maximum speed KM	260
Battery energy kWh	67
Type	Lithium iron phosphate battery
Curb weight	

3.13 EV Truck

Samcen STR04



Basic information	Samcen STR04
Energy type	BEV
Pure electric range KM	500
Fast charging	0.5h
Slow charging	8h
Length * width * height mm	9670*2490*3583
Wheelbase mm	2826
Door (piece)	2
Seats	2
Maximum speed KM	260
Battery energy kWh	67
Type	Lithium iron phosphate battery
Curb weight	

3.14 EV Truck

Samcen STR06



Basic information	Samcen STR06
Energy type	BEV
Pure electric range KM	500
Fast charging	0.5h
Slow charging	8h
Length * width * height mm	9670*2490*3583
Wheelbase mm	2826
Door (piece)	2
Seats	2
Maximum speed KM	260
Battery energy kWh	67
Type	Lithium iron phosphate battery
Curb weight	

3.15 EVs - Buses

Samcen JS6120GHBEV (Pure Electric)



Side wall



Full LCD dashboard



Front wall

Back wall



Seat interior

Basic information	Samcen JS6120GHBEV (Pure Electric)
Energy type	BEV
Pure electric range KM	200-350
Length * width * height mm	12180x2550x3420
Tire	275/70R22.5
Seats	Luxury passenger seat with soft cushion, USB interface, luxury adjustable driver seat
Battery energy	CATL lithium iron phosphate battery (standard: 242.3kwh Optional: 281.9kwh;363.4kwh;422.9kwh) Ingress Protection rating: IP67
Curb weight	11700(242 .3kwh);12000 (281 .9kwh);12600 (363 .4kwh);13000 (422 .9kwh)/19500
Chassis	Monocoque body
Braking system	Dual-circuit pneumatic brake, front and rear disc brakes, energy storage spring parking brake, electric auxiliary brake (motor energy recovery), WABCO valve with exhaust muffler, aluminium air reservoir, WABCO EBS34S/4M
Lubrication system	Automatic centralized lubrication system
Destination sign	Front, rear and side electronic destination signs (LED)
Floor	Low floor; bamboo plywood floor and wear-resistant floor leather
Driving Motor	Permanent-magnet synchronous motor (peak power 245kw, peak torque 3329Nm)

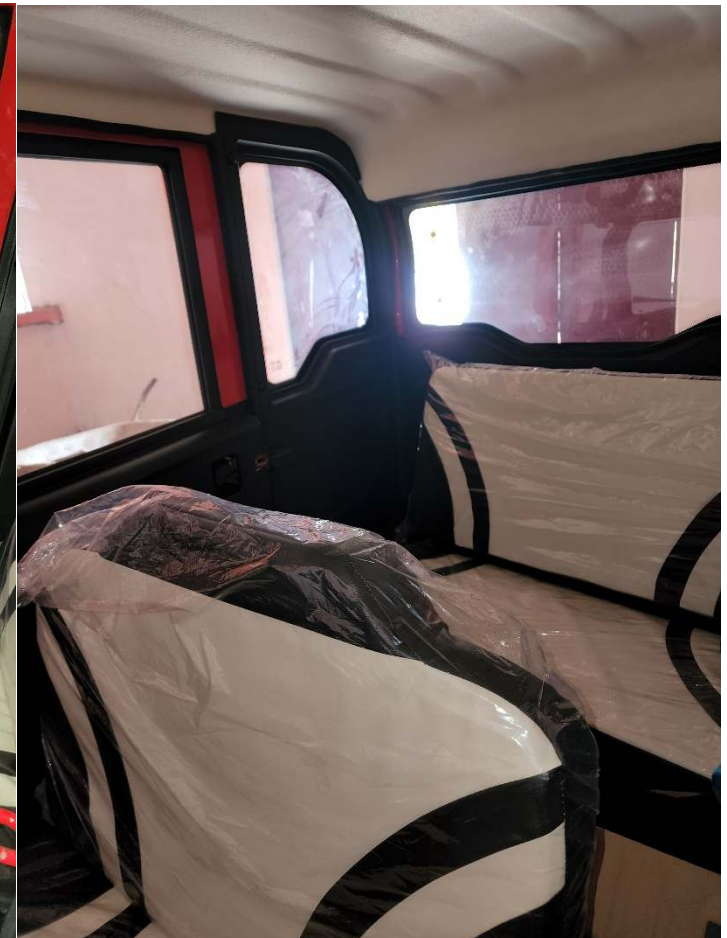
3.16 EVs - Tricycle

Samcen TK1



Basic information	Samcen TK1
Energy type	BEV
Pure electric range KM	80-100
Fast charging	0.5h
Slow charging	5h
Length * width * height mm	3770*1990*1883
Wheelbase mm	2826
Door (piece)	4
Seats	5
Maximum speed KM	60
Battery energy kWh	67
Type	Lithium iron phosphate battery
Curb weight	300

3.16 EVs – Tricycle (Samcen TK1 – Front, Interior & Engine view)



3.17 EVs - Tricycle

Samcen TKLEV01



Basic information	Samcen TKLEV01
Energy type	BEV
Pure electric range KM	500
Fast charging	0.5h
Slow charging	5h
Length * width * height mm	3770*1990*1883
Wheelbase mm	2826
Door (piece)	2
Seats	2
Maximum speed KM	60
Battery energy kWh	67
Type	Lithium iron phosphate battery
Curb weight	300

3.18 EVs - Tricycle

Samcen TKD60



Basic information	Samcen TKD60
Energy type	BEV
Pure electric range KM	500
Fast charging	0.5h
Slow charging	5h
Length * width * height mm	4770*1990*1883
Wheelbase mm	2826
Door (piece)	2
Seats	2
Maximum speed KM	60
Battery energy kWh	67
Type	Lithium iron phosphate battery
Curb weight	300

3.19 EVs - Tricycle

Samcen TK8S



Basic information	Samcen TK8S
Energy type	BEV
Pure electric range KM	500
Fast charging	0.5h
Slow charging	5h
Length * width * height mm	2770*1390*1483
Wheelbase mm	2826
Door (piece)	2
Seats	2
Maximum speed KM	60
Battery energy kWh	67
Type	Lithium iron phosphate battery
Curb weight	300

3.20 Samcen Motorbike

Samcen-MB002



Basic information	Samcen mb002
Energy type	48V20AH
Pure electric range KM	40
Fast charging	0.5h
Slow charging	3h
Length * width * height mm	1470*50*883
Wheelbase mm	26
Door (piece)	0
Seats	2
Maximum speed KM	60
Battery energy kWh	67
Type	Lithium iron phosphate battery
Curb weight	200

3.21 Samcen Motorbike

Samcen-MB006



Basic information	Samcen MB006
Energy type	48V/60V-20AH
Pure electric range KM	40
Fast charging	0.5h
Slow charging	3h
Length * width * height mm	1470*50*883
Wheelbase mm	26
Door (piece)	0
Seats	2
Maximum speed KM	60
Battery energy kWh	67
Type	Lithium iron phosphate battery
Curb weight	

3.22 Samcen Motorbike

Samcen-MB004



Basic information	Samcen MB004
Energy type	48V/60V-20AH
Pure electric range KM	40
Fast charging	0.5h
Slow charging	3h
Length * width * height mm	1470*50*883
Wheelbase mm	26
Door (piece)	0
Seats	2
Maximum speed KM	60
Battery energy kWh	67
Type	Lithium iron phosphate battery
Curb weight	

3.23 Samcen Motorbike

Samcen-MB008



Basic information	Samcen MB008
Energy type	48V/60V-20AH
Pure electric range KM	40
Fast charging	0.5h
Slow charging	3h
Length * width * height mm	1470*50*883
Wheelbase mm	26
Door (piece)	0
Seats	2
Maximum speed KM	60
Battery energy kWh	67
Type	Lithium iron phosphate battery
Curb weight	

03

PRODUCTS PORTFOLIO- CONT'

3.24 EVs - Solar EV-Charger Stations- Samcen SEVC1



Solar EV charging station

3.25 EVs - EV- Fast Chargers- Samcen AC Charging DC30KW



Features

- Waterproof, dustproof, convenient installation and debugging, comprehensive functions
- Can support double - port cyclic output charging
- High efficiency, high power density and high reliability
- Support multiple payment methods
- Small space occupation

Specifications

Model	SSCDC30KW
Power supply	AC
Maximum output power	40KW
Maximum output current	63A
AC voltage	380 Va.c.±15%
Frequency	50/60Hz
Efficiency	97% Nominal output power
charge mode	Single
Installation	Posts / Walls
Ethernet	TCP/IP
Wireless communications	3G/4G/WI-FI
Protection degree	IP54/IP55
Operating temperature	-20~+65°C
Storage temperature	-40~+70°C
Relative humidity	5~95% without condensation
Noise	No fan mute design
HMI display	4.3" TFT vandal-proof touch screen
Indication of the sate of charge	RGB LED beacons
Integration protocol	OCPP 1.6
Shell material	Metal
Dimensions	350*180*1600mm
Elevation	2000m
Safer	Over current protection,Earth leakage protection,Lightning protection ,Emergency stop switch,Over temperature protection,over voltage and under pressure protection

3.26 EVs - EV-Fast Chargers- Samcen AC Charging DC60KW



Features

- Waterproof, dustproof, convenient installation and debugging, comprehensive functions
- Can support double - port cyclic output charging
- High efficiency, high power density and high reliability
- Support multiple payment methods
- Small space occupation

Specifications

Model	SSCDC60KW
Power supply	DC
Maximum output power	150KW
Maximum output current	63A
AC voltage	380 Va.c.±15%
Frequency	50/60Hz
Efficiency	97% Nominal output power
charge mode	Single
Installation	Posts / Walls
Ethernet	TCP/IP
Wireless communications	3G/4G/WI-FI
Protection degree	IP54/IP55
Operating temperature	-20~+65°C
Storage temperature	-40~+70°C
Relative humidity	5~95% without condensation
Noise	No fan mute design
HMI display	4.3" TFT vandal-proof touch screen
Indication of the sate of charge	RGB LED beacons
Integration protocol	OCPP 1.6
Shell material	Metal
Dimensions	350*180*1600mm
Elevation	2000m
Safer	Over current protection,Earth leakage protection,Lightning protection ,Emergency stop switch,Over temperature protection,over voltage and under pressure protection

3.27 EVs - EV-Fast Chargers- Samcen AC Charging DC120KW

Features

- Waterproof, dustproof, convenient installation and debugging, comprehensive functions
- Can support double - port cyclic output charging
- High efficiency, high power density and high reliability
- Support multiple payment methods
- Small space occupation

Specifications

Model	SSCDC120KW
Power supply	DC
Maximum output power	150KW
Maximum output current	63A
AC voltage	380 Va.c.±15%
Frequency	50/60Hz
Efficiency	97% Nominal output power
charge mode	Single
Installation	Posts / Walls
Ethernet	TCP/IP
Wireless communications	3G/4G/WI-FI
Protection degree	IP54/IP55
Operating temperature	-20~+65°C
Storage temperature	-40~+70°C
Relative humidity	5~95% without condensation
Noise	No fan mute design
HMI display	4.3" TFT vandal-proof touch screen
Indication of the sate of charge	RGB LED beacons
Integration protocol	OCPP 1.6
Shell material	Metal
Dimensions	350*180*1600mm
Elevation	2000m
Safer	Over current protection,Earth leakage protection,Lightning protection ,Emergency stop switch,Over temperature protection,over voltage and under pressure protection



3.28 EVs - EV-Fast Chargers- Samcen AC Charging DC180KW



Features

- Waterproof, dustproof, convenient installation and debugging, comprehensive functions
- Can support double - port cyclic output charging
- High efficiency, high power density and high reliability
- Support multiple payment methods
- Small space occupation

Specifications

Model	SSCDC180KW
Power supply	DC
Maximum output power	150KW
Maximum output current	63A
AC voltage	380 Va.c.±15%
Frequency	50/60Hz
Efficiency	97% Nominal output power
charge mode	Single
Installation	Posts / Walls
Ethernet	TCP/IP
Wireless communications	3G/4G/WI-FI
Protection degree	IP54/IP55
Operating temperature	-20~+65°C
Storage temperature	-40~+70°C
Relative humidity	5~95% without condensation
Noise	No fan mute design
HMI display	4.3"TFT vandal-proof touch screen
Indication of the sate of charge	RGB LED beacons
Integration protocol	OCPP 1.6
Shell material	Metal
Dimensions	350*180*1600mm
Elevation	2000m
Safer	Over current protection,Earth leakage protection,Lightning protection ,Emergency stop switch,Over temperature protection,over voltage and under pressure protection

3.29 EVs - EV-Fast Chargers- Samcen AC Charging DC360KW

Features

- Waterproof, dustproof, convenient installation and debugging, comprehensive functions
- Can support double - port cyclic output charging
- High efficiency, high power density and high reliability
- Support multiple payment methods
- Small space occupation

Specifications

Model	SSCDC360KW
Power supply	DC
Maximum output power	150KW
Maximum output current	63A
AC voltage	380 Va.c.±15%
Frequency	50/60Hz
Efficiency	97% Nominal output power
charge mode	Single
Installation	Posts / Walls
Ethernet	TCP/IP
Wireless communications	3G/4G/WI-FI
Protection degree	IP54/IP55
Operating temperature	-20~+65°C
Storage temperature	-40~+70°C
Relative humidity	5~95% without condensation
Noise	No fan mute design
HMI display	4.3" TFT vandal-proof touch screen
Indication of the sate of charge	RGB LED beacons
Integration protocol	OCPP 1.6
Shell material	Metal
Dimensions	350*180*1600mm
Elevation	2000m
Safer	Over current protection,Earth leakage protection,Lightning protection ,Emergency stop switch,Over temperature protection,over voltage and under pressure protection



3.30 EVs - EV-Split Type Chargers- Samcen AC Charging DC150KW

Features

- Waterproof, dustproof, convenient installation and debugging, comprehensive functions
- Can support double - port cyclic output charging
- High efficiency, high power density and high reliability
- Support multiple payment methods
- Small space occupation

Specifications

Model	SSCSDC150KW
Power supply	DC
Maximum output power	150KW
Maximum output current	63A
AC voltage	380 Va.c.±15%
Frequency	50/60Hz
Efficiency	97% Nominal output power
charge mode	Single
Installation	Posts / Walls
Ethernet	TCP/IP
Wireless communications	3G/4G/WI-FI
Protection degree	IP54/IP55
Operating temperature	-20~+65°C
Storage temperature	-40~+70°C
Relative humidity	5~95% without condensation
Noise	No fan mute design
HMI display	4.3" TFT vandal-proof touch screen
Indication of the sate of charge	RGB LED beacons
Integration protocol	OCPP 1.6
Shell material	Metal
Dimensions	350*180*1600mm
Elevation	2000m
Safer	Over current protection,Earth leakage protection,Lightning protection ,Emergency stop switch,Over temperature protection,over voltage and under pressure protection



3.31 EVs - EV-Split Type Chargers- Samcen AC Charging DC240KW



Features

- Waterproof, dustproof, convenient installation and debugging, comprehensive functions
- Can support double - port cyclic output charging
- High efficiency, high power density and high reliability
- Support multiple payment methods
- Small space occupation

Specifications

Model	SSCSDC240KW
Power supply	DC
Maximum output power	150KW
Maximum output current	63A
AC voltage	380 Va.c.±15%
Frequency	50/60Hz
Efficiency	97% Nominal output power
charge mode	Single
Installation	Posts / Walls
Ethernet	TCP/IP
Wireless communications	3G/4G/WI-FI
Protection degree	IP54/IP55
Operating temperature	-20~+65°C
Storage temperature	-40~+70°C
Relative humidity	5~95% without condensation
Noise	No fan mute design
HMI display	4.3" TFT vandal-proof touch screen
Indication of the sate of charge	RGB LED beacons
Integration protocol	OCPP 1.6
Shell material	Metal
Dimensions	350*180*1600mm
Elevation	2000m
Safer	Over current protection,Earth leakage protection,Lightning protection ,Emergency stop switch,Over temperature protection,over voltage and under pressure protection

3.32 EVs - EV-Split Type Chargers- Samcen AC Charging DC180KW



Features

- Waterproof, dustproof, convenient installation and debugging, comprehensive functions
- Can support double - port cyclic output charging
- High efficiency, high power density and high reliability
- Support multiple payment methods
- Small space occupation

Specifications

Model	SSCDC180KW
Power supply	DC
Maximum output power	150KW
Maximum output current	63A
AC voltage	380 Va.c.±15%
Frequency	50/60Hz
Efficiency	97% Nominal output power
charge mode	Single
Installation	Posts / Walls
Ethernet	TCP/IP
Wireless communications	3G/4G/WI-FI
Protection degree	IP54/IP55
Operating temperature	-20~+65°C
Storage temperature	-40~+70°C
Relative humidity	5~95% without condensation
Noise	No fan mute design
HMI display	4.3" TFT vandal-proof touch screen
Indication of the sate of charge	RGB LED beacons
Integration protocol	OCPP 1.6
Shell material	Metal
Dimensions	350*180*1600mm
Elevation	2000m
Safer	Over current protection,Earth leakage protection,Lightning protection ,Emergency stop switch,Over temperature protection,over voltage and under pressure protection

3.33 EVs – AC EV Charger Pile- Samcen AC Charging 7KW



Features

- Waterproof, dustproof, convenient installation and debugging, comprehensive functions
- Can support double - port cyclic output charging
- High efficiency, high power density and high reliability
- Support multiple payment methods
- Small space occupation

Specifications

Model	SSCAC7KW
Power supply	AC
Maximum output power	7KW
Maximum output current	32A
AC voltage	220 Va.c.±15%
Frequency	50/60Hz
Efficiency	97% Nominal output power
charge mode	Single/ Average
Installation	Posts / Walls
Ethernet	TCP/IP
Wireless communications	3G/4G/WI-FI
Protection degree	IP54/IP55
Operating temperature	-20~+65°C
Storage temperature	-40~+70°C
Relative humidity	5~95% without condensation
Noise	No fan mute design
HMI display	4.3" TFT vandal-proof touch screen
Indication of the sate of charge	RGB LED beacons
Integration protocol	OCPP 1.6
Shell material	Metal
Dimensions	280*165*1410mm
Elevation	2000m
Safer	Over current protection,Earth leakage protection,Lightning protection ,Emergency stop switch,Over temperature protection,over voltage and under pressure protection

3.34 EVs – AC EV Charger Pile- Samcen AC Charging 7KW*2



Features

- Waterproof, dustproof, convenient installation and debugging, comprehensive functions
- Can support double - port cyclic output charging
- High efficiency, high power density and high reliability
- Support multiple payment methods
- Small space occupation

Specifications

Model	SSCAC7KW-2
Power supply	AC
Maximum output power	2*7KW
Maximum output current	2*32A
AC voltage	220 Va.c.±15%
Frequency	50/60Hz
Efficiency	97% Nominal output power
charge mode	Single/ Average
Installation	Posts / Walls
Ethernet	TCP/IP
Wireless communications	3G/4G/WI-FI
Protection degree	IP54/IP55
Operating temperature	-20~+65°C
Storage temperature	-40~+70°C
Relative humidity	5~95% without condensation
Noise	No fan mute design
HMI display	4.3" TFT vandal-proof touch screen
Indication of the sate of charge	RGB LED beacons
Integration protocol	OCPP 1.6
Shell material	Metal
Dimensions	350*180*1600mm
Elevation	2000m
Safer	Over current protection,Earth leakage protection,Lightning protection ,Emergency stop switch,Over temperature protection,over voltage and under pressure protection

3.35 EVs – AC EV Charger Pile- Samcen AC Charging 40KW



Features

- Waterproof, dustproof, convenient installation and debugging, comprehensive functions
- Can support double - port cyclic output charging
- High efficiency, high power density and high reliability
- Support multiple payment methods
- Small space occupation

Specifications

Model	SSCAC40KW
Power supply	AC
Maximum output power	40KW
Maximum output current	63A
AC voltage	380 Va.c.±15%
Frequency	50/60Hz
Efficiency	97% Nominal output power
charge mode	Single
Installation	Posts / Walls
Ethernet	TCP/IP
Wireless communications	3G/4G/WI-FI
Protection degree	IP54/IP55
Operating temperature	-20~+65°C
Storage temperature	-40~+70°C
Relative humidity	5~95% without condensation
Noise	No fan mute design
HMI display	4.3" TFT vandal-proof touch screen
Indication of the sate of charge	RGB LED beacons
Integration protocol	OCPP 1.6
Shell material	Metal
Dimensions	350*180*1600mm
Elevation	2000m
Safer	Over current protection,Earth leakage protection,Lightning protection ,Emergency stop switch,Over temperature protection,over voltage and under pressure protection

3.36 EVs – AC EV Charger Pile- Samcen AC Charging 40KW*2



Features

- Waterproof, dustproof, convenient installation and debugging, comprehensive functions
- Can support double - port cyclic output charging
- High efficiency, high power density and high reliability
- Support multiple payment methods
- Small space occupation

Specifications

Model	SSCAC40KW-2
Power supply	AC
Maximum output power	2*40KW
Maximum output current	2*63A
AC voltage	380 Va.c.±15%
Frequency	50/60Hz
Efficiency	97% Nominal output power
charge mode	Single / Average
Installation	Floor
Ethernet	TCP/IP
Wireless communications	3G/4G/WI-FI
Protection degree	IP54/IP55
Operating temperature	-20~+65°C
Storage temperature	-40~+70°C
Relative humidity	5~95% without condensation
Noise	No fan mute design
HMI display	4.3" TFT vandal-proof touch screen
Indication of the sate of charge	RGB LED beacons
Integration protocol	OCPP 1.6
Shell material	Metal
Dimensions	400*200*1600mm
Elevation	2000m
Safer	Over current protection,Earth leakage protection,Lightning protection ,Emergency stop switch,Over temperature protection,over voltage and under pressure protection

3.37 EVs – EV Battery Swapping Stations

Why Battery Swapping Station Is the Future?

- **For Users: Time & Money Saving**

Battery swap is faster and easier than traditional charging. Swap it out within 1 minute, solving range anxiety and achieving unlimited range.

- **For Operators: Huge Business Value**

The rise of electric 2/3-wheelers and the booming instant delivery industry give battery swapping stations unmatched business value.



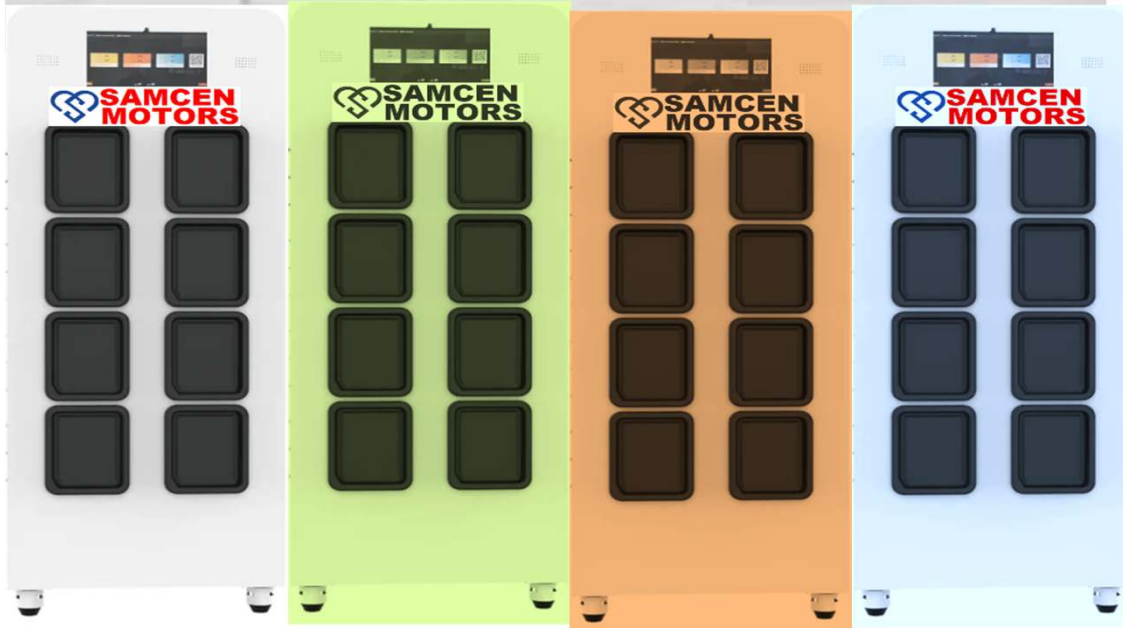
- **For the Environment: Eco-friendly**

Compared to heavily polluting fuel-powered ones, electric two-wheelers using lithium-ion batteries are highly beneficial for environment.

- **For Government: Policy Promotion**

To reduce carbon emissions, many countries and regions provide strong policy support and subsidies for electric 2/3-wheelers.

3.39 EVs – Electric Motorbike Battery Swapping Stations- Samcen XXXXXX



Specifications

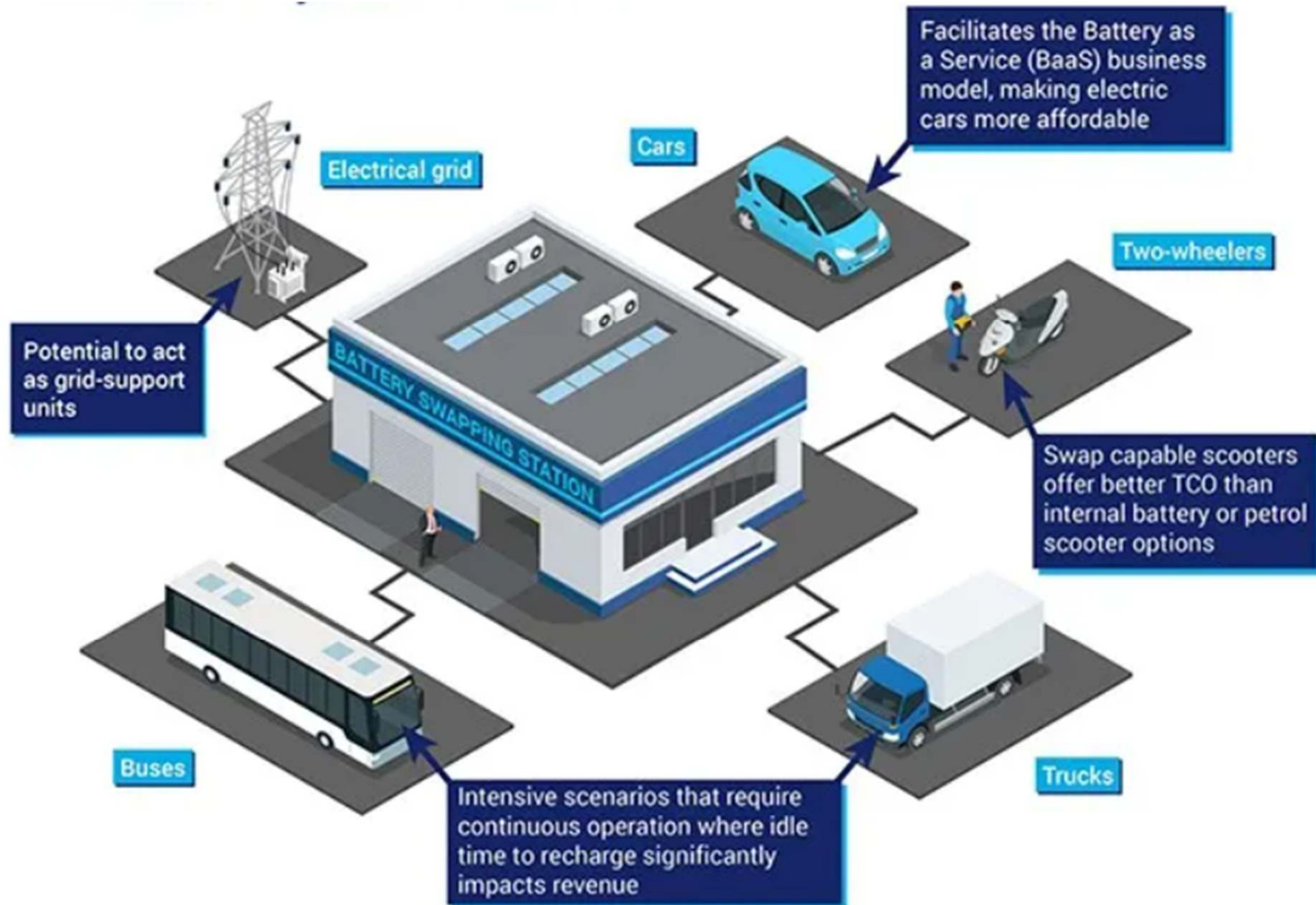
Cabinet	<ul style="list-style-type: none"> Reinforced outer shell, collision-resistant Smart control, 3-tier protection, safe charging 12/5/8/9 slots & 48V/60V/72V Anomaly monitoring, alerts + power-off lock IP54 waterproof, dust+flood+lightning-proof
Battery	<ul style="list-style-type: none"> LFP/NMC Quality Grade A cell: LG/EVE/Ganfeng GPS & 4G, report real-time status & location Anomaly event alerts + automatic power-off Quality metal shell, impact/puncture-resistant Centralized intelligent control for safe discharge
Platform	<ul style="list-style-type: none"> Displays rental/swap/alarm system data. Analyzes data from batteries & cabinets User Management Operation Management Asset Management Business Management Marketing/After-sales Management.
APP	<ul style="list-style-type: none"> Locate nearby battery swap station Check battery status and SOC Process payments Customized logo Payment systems Language Smart interconnectivity with the platform

3.38 EVs – EV Battery Swapping Stations- Samcen XXXXXX



Component	Specification
Battery Swap Unit (BSU)	Automated robotic arm or human-assisted system for efficient battery replacement (within 3-5 minutes).
Battery Storage	Storage capacity for multiple battery units (minimum 10-50 battery packs), with proper thermal management.
Battery Charging Infrastructure	High-power chargers (typically 100-350 kW) to recharge swapped batteries quickly.
Power Supply	Stable and high-voltage power source (AC/DC), backed by transformers and smart grid integration.
User Interface/Payment System	Digital kiosks or mobile app for user identification, payment, and battery monitoring.
Safety Mechanisms	Fire suppression system, emergency shutdowns, over-voltage protection, and safety alarms.
Data Management System	Real-time monitoring of battery conditions, usage tracking, and fleet management.
Swap Station Structure	Enclosed or semi-enclosed structure, with weatherproofing and space for entry/exit of vehicles.
Capacity Management	Software for managing demand peaks, battery availability, and optimizing swap scheduling.
Personnel and Support	Trained staff for maintenance, support, and safety monitoring.

3.38 EVs – Future of EV Battery Swapping Stations



● Automobile Design Project

Advanced research and development equipment, first-class design atmosphere

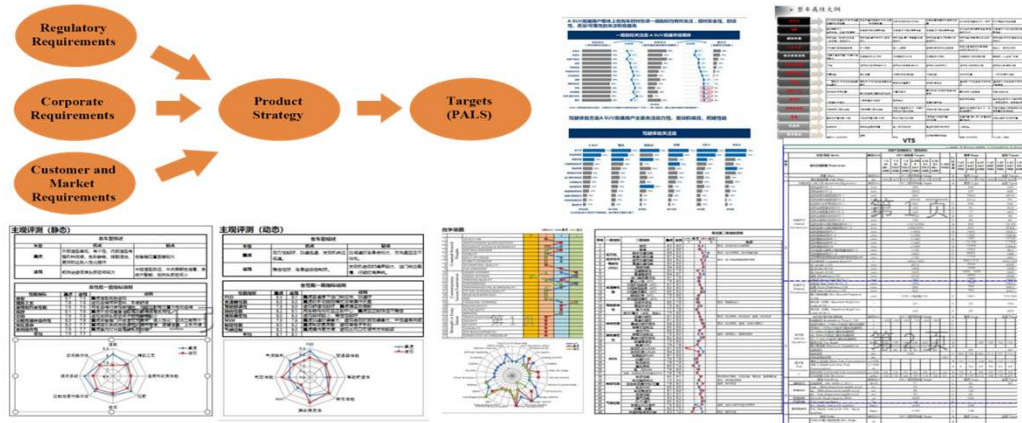
SAMCEN Motors has comprehensive dedicated equipment for vehicle research and development:

- *German ATOS grating scanner; French ROMER flexible laser measurement system;*
 - *CMS Five Axis Machining Center in Italy;*
 - *Eight dual column CMM measurement platforms;*
 - *A complete set of vehicle oil mud modeling equipment and specialized equipment for general layout verification.*
-
- **PRODUCT PLANNING:** Market Research, Platform Planning, Product Definition, Benchmark
 - **STYLING:** Creativity, CAS surface, putty, A-surface, validation model
 - **ENGINEERING:** General layout, body, interior and exterior decoration, chassis, electrical appliances, three electrical appliances, EE architecture
 - **VEHICLE INTEGRATION:** attribute management, simulation of safety, stability, CFD, NVH, etc
 - **SYNCHRONOUS ENGINEERING:** dimensional engineering, process analysis, production planning
 - **SAMPLE CAR TRIAL PRODUCTION:** mule car trial production, test sample car, fast sample, exhibition car production, small batch trial production

04

AUTOMOBILE INDUSTRIAL DESIGN CONT'

Attribute Management



General Arrangement

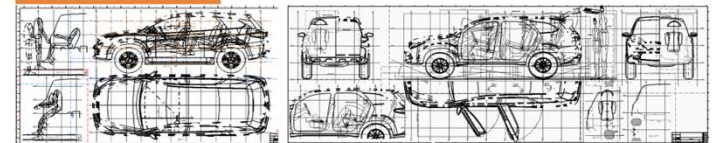
RESPONSIBILITIES:

1. Feasibility analysis of styling
2. Analysis of human-machine layout
3. Layout of the entire vehicle and engine compartment
4. Verification of regulatory experience
5. General layout plan
6. DMU motion analysis
7. Calculation of power and economy

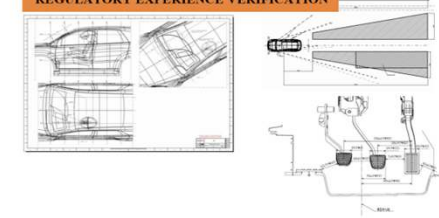
COMPLETE DESIGN PROCESS



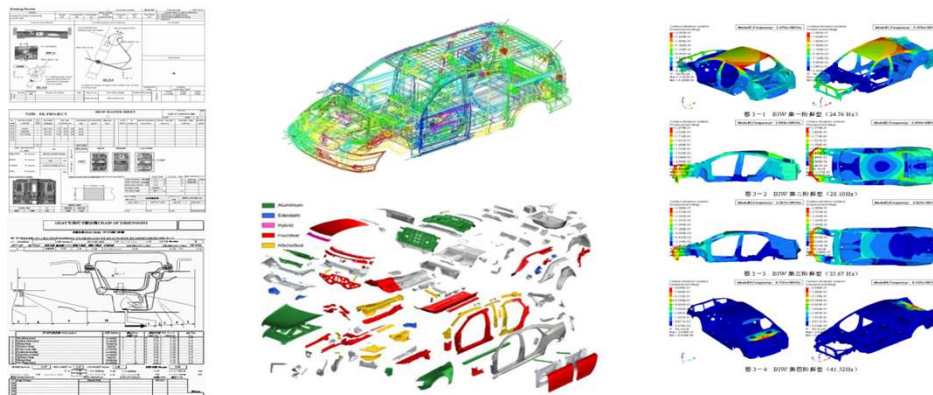
GENERAL ARRANGEMENT



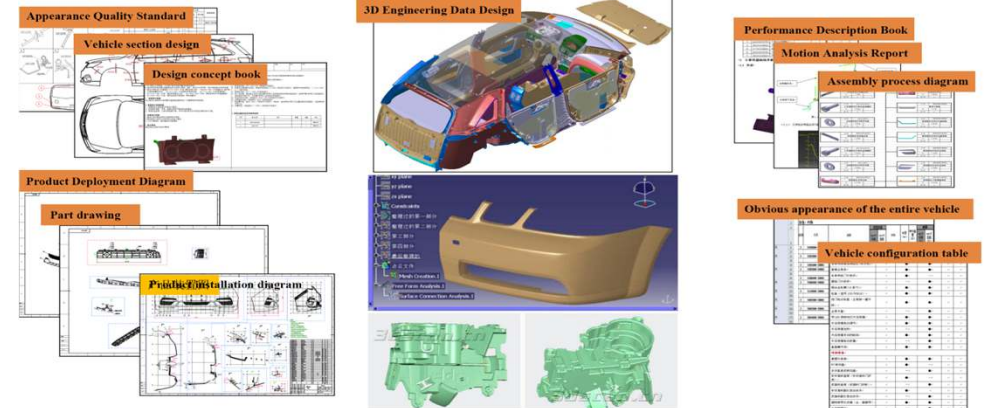
REGULATORY EXPERIENCE VERIFICATION



Auto-Body Engineering



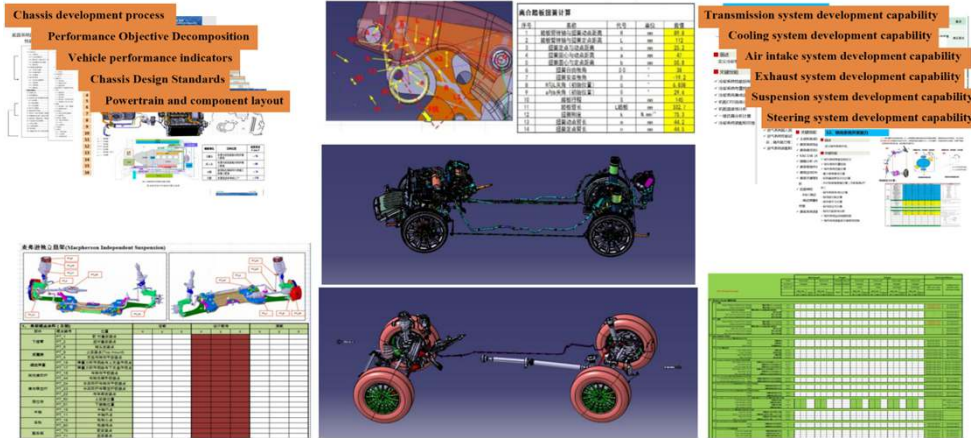
Attribute Management



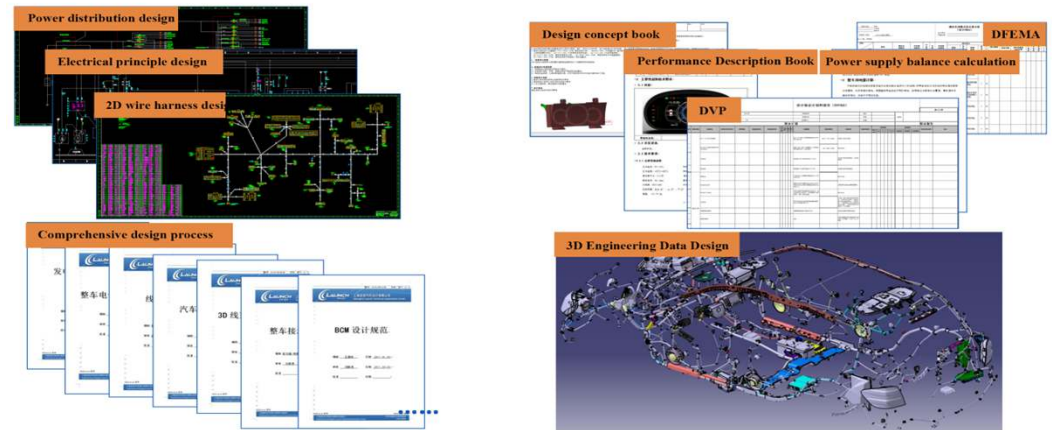
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AUTOMOBILE INDUSTRIAL DESIGN CONT'

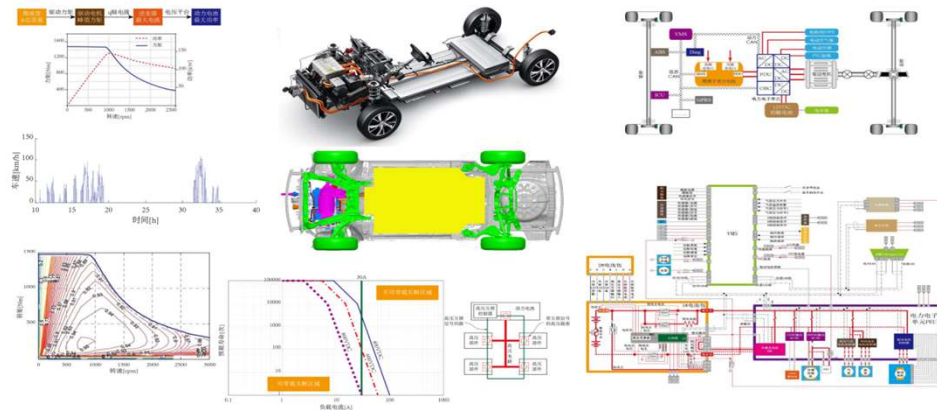
Chassis development



Electrical engineering design



EIC system



Electronic products



● Independent research and development model -Car Modification

Car modification has revolutionized the automotive industry, and **Samcen Motors** is at the forefront, offering a range of modification accessories and advanced technologies to cater to individual client preferences. **Samcen Motors** can modify vehicles' exterior design, interior design, and mechanical components, ensuring each vehicle meets the unique specifications and needs of the customer. With cutting-edge innovation and precision, we deliver customized solutions for enhanced performance, aesthetics, and functionality, aligning with our clients' vision and industrial standards.



- APPEARANCE MODIFICATION
INCLUDING CAR STICKER, BODY PAINT, LOGO, FRONT AND REAR BUMPERS, BODYKIT, SPOILER, OPENING ENGINE COVER, VENT VISOR, HID LAMPS, HEADLAMP FASCIA, FRONT AND REAR LENS THROUGH, MINIMISES BODY, ADDITIONAL AERODYNAMIC PACKAGE (AIR ADMISSION GRILL, CAR SIDE SPOILER, REAR SURROUND AND REAR SPOILER FLOW (TAIL FIN), ETC

- PERFORMANCE MODIFICATION
ENGINE MODIFICATION;
IMPROVED AIR INTAKE SYSTEM,
REPLACE THE PARTS OF THE AIR FILTER TO IMPROVE THE EXHAUST SYSTEM;
IMPROVED IGNITION SYSTEM;
IMPROVE BRAKING PERFORMANCE OF THE BRAKING SYSTEM
CHASSIS SUSPENSION SYSTEM
MODIFICATION

- INTERNAL MODIFICATION
THE INTERIOR OF THE CAR IS MODIFIED TO FURTHER INCREASE COMFORT, AESTHETICS AND ENHANCE DRIVING PLEASURE.
REPLACE CEILING, CARPET, DOOR PANELS, ETC.;
INSTALL AND UPGRADE SOUND SYSTEMS, NAVIGATION SYSTEMS, BLUETOOTH DEVICES, ETC.

● KD Project Advantage-Reduce cost

- **KD is known as Knocked Down, which refers to the various components of a finished product. The three forms of KD are called CKD, SKD, and DKD.**

1 CKD (Complete Knocked Down) refers to "complete assembly of loose parts", in which all parts of the car are individually packaged and boxed: each part is disassembled into various parts and packaged - transported to foreign countries>reassembled

2 SKD (Semi Knocked Down) is a "semi loose assembly", which differs from CKD in that it is disassembled but not completely disassembled. Many parts are only partially disassembled and are semi-finished products.

3 DKD (Direct Knocked Down) refers to "direct assembly or finished product assembly". Almost complete vehicles can be assembled with wheels, without the need for too much assembly.

Why not just transport the entire car over there?

Because entire vehicle transportation takes up more space and costs more than dismantling it into parts, and this also leads to higher tariffs. If disassembled into loose parts:

- For the exporter, disassembling into loose parts can save shipping costs and also lower some tariffs.
- For importing countries, assembling in their own country can promote their industrial development and increase employment.

KD Project Advantage-Reduce Tariff

乘用车													商用车										
	国产化率 (不含轮胎)	汽油					混动				插入式混动				电动 EV	载重车 厢式货车、轻卡、重卡			载人客车 VAN、MINI巴士、公交巴士				
		发动机					发动机				发动机					汽油	柴油	汽柴油	柴油	混动			
		< 1.0L	1.0~1.5L	1.5~2.0L	2.0~2.5L	> 2.5L	< 1.5L	1.5~2.0L	2.0~2.5L	> 2.5L	< 1.5L	1.5~2.0L	2.0~2.5L	> 2.5L		GVW < 3.5T		GVW > 3.5T	载客数大于10人				
整车	(CBU)	10%	55%	75%	95%	100% (禁止)	4%	15%	32%	100% (禁止)	4%	5%	20%	95% (禁止)		32%	32%	10%	15%	4%			
零部件本地化率	< 20	HS CODE 不存在	32%	55%	HS CODE 不存在	4%	4%	4%	4%	4%	4%	4%	4%	4%	4%	32%	20%	10%	15%	4%			
	20~ < 30		20%	32%	55%												20%	15%			5%		
	30~ < 40		15%	20%	32%												15%	10%	4%		5%		
	40~ < 50		10%	15%	20%												10%	5%			4%		
	50~ < 60		10%	10%	10%												5%						
	≥ 60		5%	5%	5%												5%				4%		

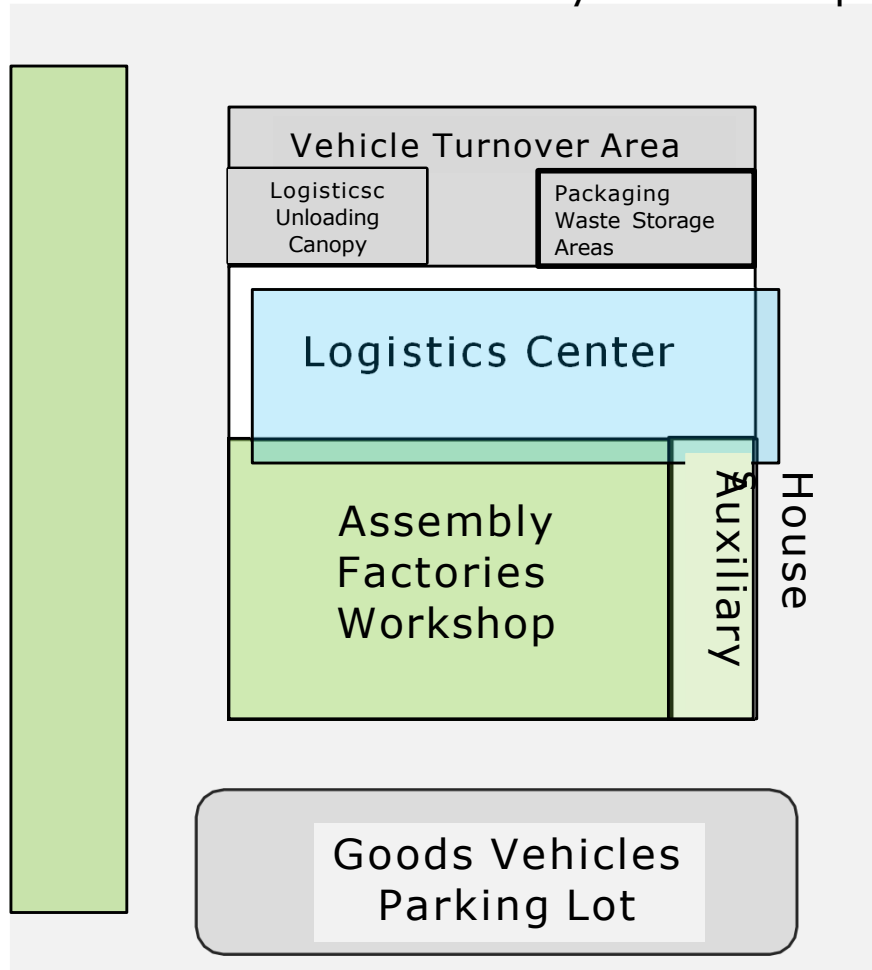
SKD Factory Planning-Concept Display

- Combining the differentiated needs of overseas markets, the modular SKD factory with its own characteristics has been formed (Investment does not include Workshop, infrastructure, and land). BOJCK would adapt modules for different markets to maximize meeting the needs of overseas markets.

Classification		SKD Simplified Factory	SKD Economical Factory	SKD Standard Factory	SKD Benchmark Factory
Process Configuration		Assembly Factories	Assembly Factories	Assembly Factories	Assembly Factories
JPH&Annual Production Capacity (Double Shifts, 250Days/Year)		3JPH 5K~10K vehicles/Year	6JPH 20K vehicles/Year	6JPH 20K vehicles/Year	12JPH 40K vehicles/Year
Workers per Shift		40	90	90	155
Total Investment (Estimated)		21,000,000 CNY	33,000,000 CNY	40,000,000 CNY	52,000,000 CNY
Conveying System	Trolley	★	★		
	Chain Plate Conveyor			★	★
	Chassis assembly lift	★			
	Chassis self-propelled trolley		★	★	★
	Interior II Chain Plate			★	★
	CP8 Chain Plate			★	★
Gelatinizing Machine	Manual Gelatinizing	★			
	Manual Gelatinizing Machine		★	★	
	Gelatinizing Robot				★
Check-Up Line	Simplified Four Wheel Alignment+Headlights+Sideslip+Speed detection platform+Braking Test Machine	★	★		
	3D Four Wheel Alignment+Headlights+Sideslip+Speed detection platform+Braking Test Machine			★	
	3D Four Wheel Alignment+Headlights+Sideslip+Chassis Dynamometer				★
Shower Testing-Line	Fixed Point Shower Testing Room	★	★	★	
	Shower Testing-Line (Plastic Chain Plate)				★
Detection equipment	Exhaust Gas Analyzer, Fuel Leak Detection Equipment, Computer detection equipment, Air-conditioning Leak Detector, etc.	★	★	★	★
Filling Machine	Trolley Filling Machine	★	★	★	★
Stamping Machine	Stamping Machine	★	★	★	★
Subpackage Equipment	Rear-axle Subpackage Table, Powertrain Subpackage Table	★	★	★	
	Rear-axle Subpackage Line, Powertrain Subpackage Line				★
Tools	Manual Assembly Tools	★			
	Assembly Tools and Aids, etc		★	★	★
Steel Structure & Production line lighting	Guides Steel Structure, Production line lighting	★	★	★	★
Others	Assisting Mechanism			★	★
	Electric Tightening Machine			★	★

● SKD Benchmark factory

- SKD Benchmark factory Sketch Map



- Main Parameter

Project	Floorage (m ²)
Assembly Factories	14000
Auxiliary Houses	1000
Logistics Center	9000
Logistics Unloading Canopy	500
Goods Vehicles Parking Lot	5600
Test track	6000
Packaging Waste Storage areas	500
The total area of the factory is about 60,000 m ²	

The above information is for the required area of ONLY ONE vehicle model, and the relevant supporting area should be appropriately increased with the increase of vehicle models.

Samcen Motors SKD Project Implementation Approach

Samcen Motors leverages its strategic partnership with Lianyungang Port Logistics Holdings to implement a highly efficient SKD project. By utilizing the "Joint Intelligent Transport" platform, vehicles under the platform enjoy a 70% discount on highway fees in the Kaifeng area.

This innovative logistics model, proven through collaboration with CHERY Automobile's export to Algeria, saved nearly 30 million yuan in inland shipping costs. Samcen's approach guarantees a cost-efficient logistics foundation, providing competitive pricing and enhancing its global export capability for SKD vehicles and accessories.



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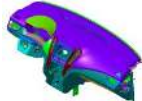






KD PROJECT STRATEGY CONT'

Samcen Motors SKD Project Implementation Approach Cont'



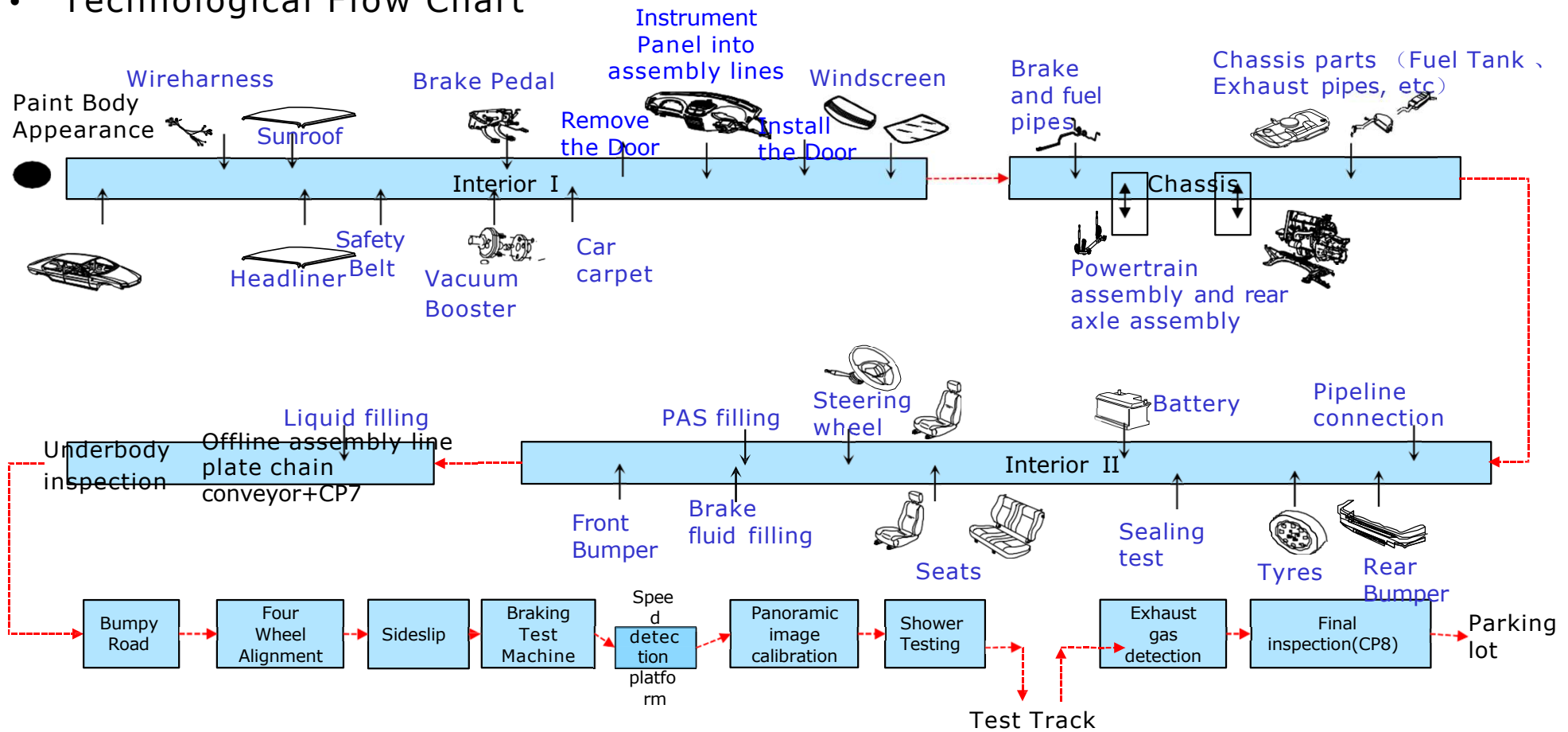
● SKD Benchmark factory

• Main Assembly Supply Situation

NO.	Assembly Name		Diagram	Main Assembly Content	Supply Situation
1	Painted Body Assembly			Cross Member, Wireharness, Steering Column, HVAC, Instrument Panel, Combination Meter, DVD, Air-Conditioning System Regulator, Guard Plate, Glovebox, Passenger Front Airbags, Combination Switch Cover, Spiral Cable	Assembly Supply
2	Powertrain Assembly	Engine/Transmission Assembly		Engine, Transmission, Starter	KD Supply
		Subframe Assembly		Subframe, Steering, Stabilizer Bar	KD Supply
		Front Suspension Assembly		Absorber, Brake disc	KD Supply
3	Rear-axle Assembly			Rear-axle, Brake disc, Stabilizer Bar, Trailing-Arm, Absorber	KD Supply
4	Wheels Assembly			Tyres, Wheel Rim, TPMS	Assembly Supply
5	Fuel Tank Assembly			Fuel Tank, Fuel pump, Fuel pipe	Assembly Supply
6	Cooling Module			Radiator, Condenser, Fan	KD Supply
7	Front and rear bumpers			Front and rear bumpers, Radiator grille, Fog lights	KD Supply

SKD Benchmark factory

Technological Flow Chart

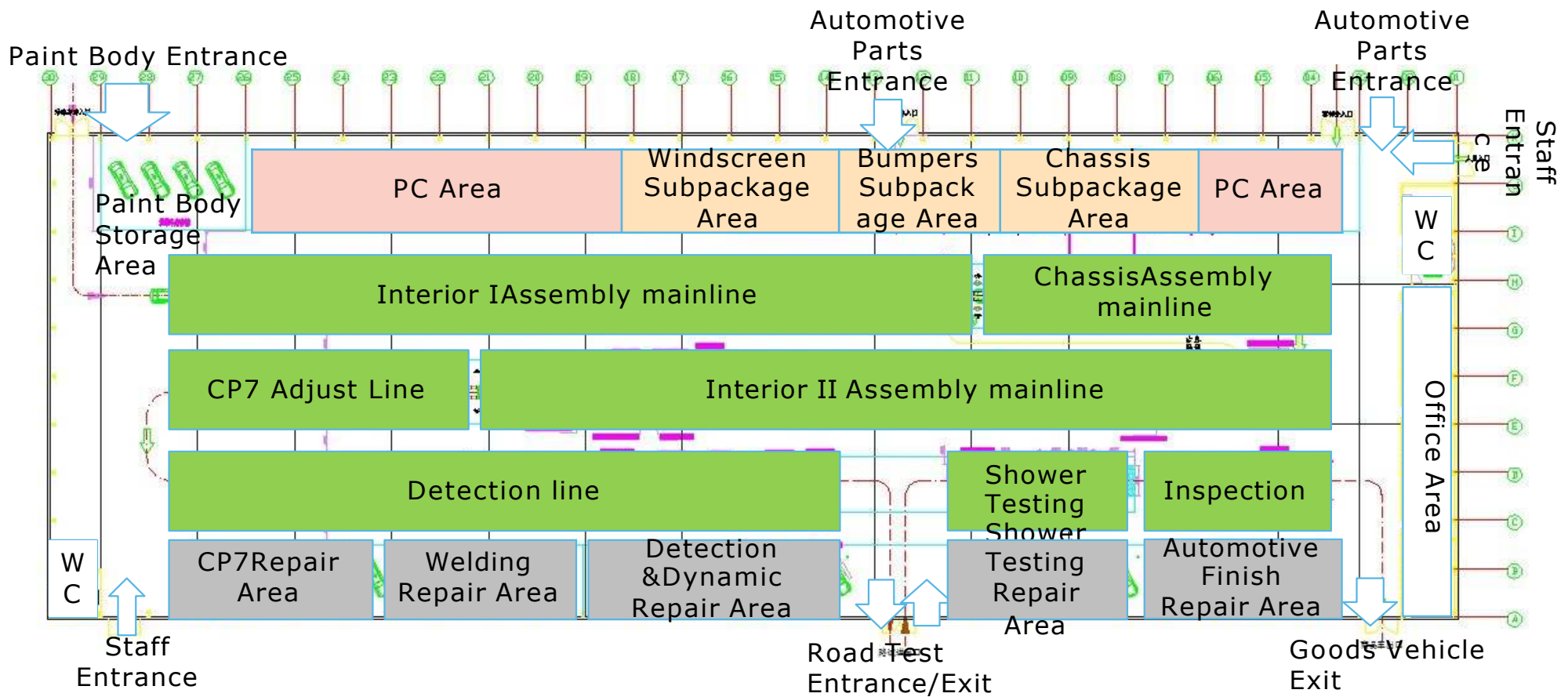


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KD PROJECT STRATEGY CONT'

• SKD Benchmark factory

• Sketch Map



• SKD Benchmark factory

• Assembly Factories Main Equipment Overview

NO.	Main Modules	Main Equipment
1	Conveying system	Interior IChain Plate
		Chassis self-propelled trolley
		Interior II Chain Plate
		CP8 Chain Plate
2	Gelatinizing Machine	Gelatinizing Robot
3	Detection line	3D Four Wheel Alignment+Headlights+Sideslip+Chassis Dynamometer
4	Shower Testing Line	Shower Testing Line
5	Detection equipment	Exhaust Gas Analyzer、FuelLeak Detection equipment、 Inspection equipment、 Air-conditioning Leak Detector ,etc.
6	Filling Machine	Filling Machine
7	Stamping Machine	Laser Stamping Machine
8	Subpackage Equipment	Rear-axleSubpackage Line、 PowertrainSubpackage Line
9	Tools	Assembly Tools and Aids, etc
10	Auxiliary line Steel Structure & Production line lighting	Auxiliary line Steel Structure、 Production line lighting
11	Others	Mainpulator
		Electric tightening machine

Interior I Line



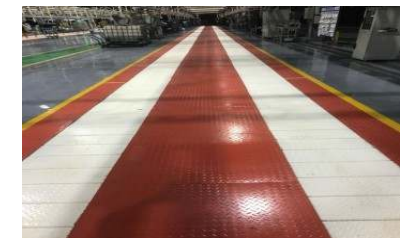
Powertrain Assembly Subpackage Line



Rear-axle Subpackage Line



Interior II Line



Automatic Windscreen Gelatinizing Machine



Braking Speed Detection Table

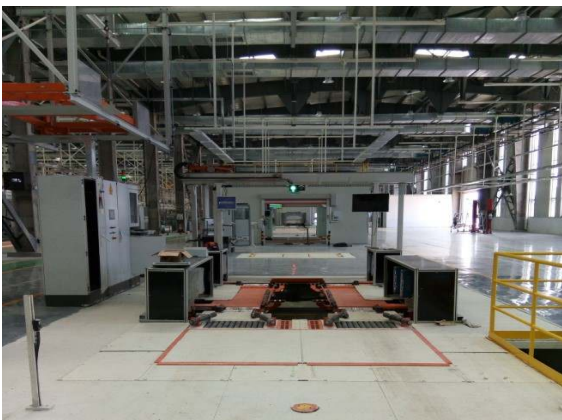
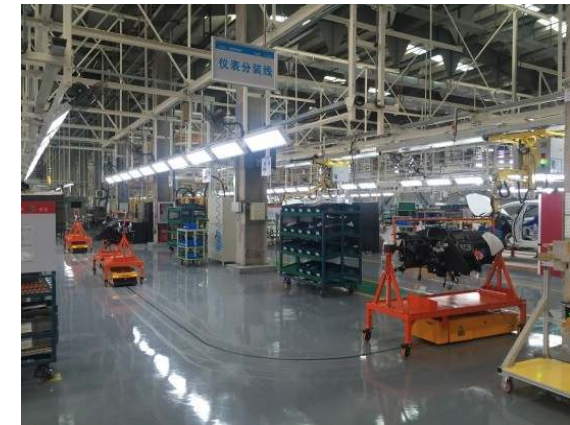


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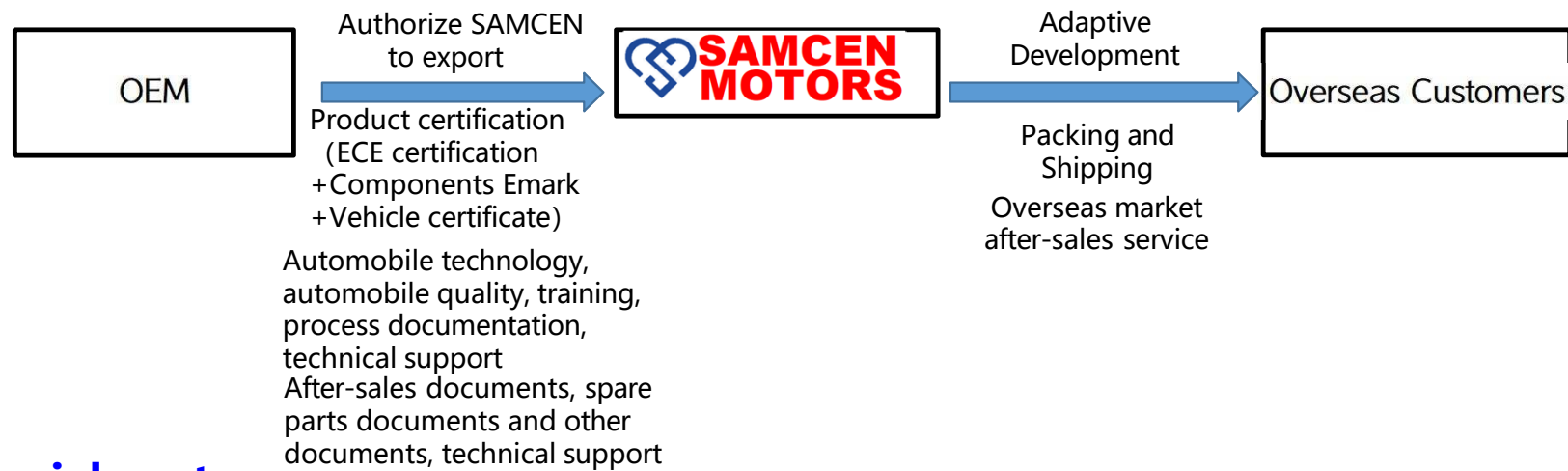
KD PROJECT STRATEGY CONT'

● SKD Benchmark factory

- Assembly Factories Workshops Display



Business routes:



Financial route:





Thanks for Your Attention



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