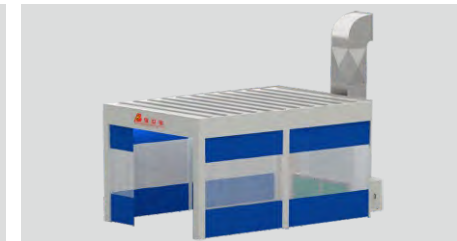
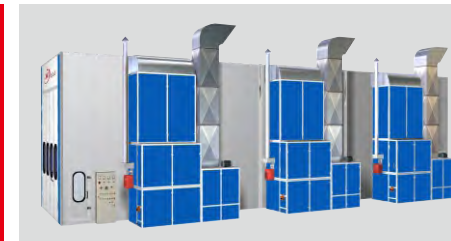




BZB SPRAY BOOTH

Guangdong Jingzhongjing Industrial Painting Equipments Co.,Ltd
Add: No.6-101,Industrial Zone of Hongqi Dangong Road,Zhongluotan
Town,Baiyun District,Guangzhou,China
Tel: 86-20-66293356/66293359
Fax: 86-20-66293300
E-mail: international@gz-btb.com/webmaster@gz-btb.com
Websit: www.bzbspraybooth.com



ABOUT US

BZB factory is a professional spray booth manufacturer



CONTENTS

02/ ABOUT US

07/ Model

- BZB-8600
- BZB-8500
- BZB-8400
- BZB-8200
- BZB-8000
- BZB-8000 AU
- BZB-AF
- BZB-USA
- BZB-FB(9*4.5*3.5)
- BZB-FB(15*5*5)
- BZB-FB(20*5*5)
- BZB-6300
- BZB-6400
- BZB-6500
- BZB-6600
- BZB-Paint Mixing Room Series
- BZB-Waterborne Paint System Equipment

Guangdong Jingzhongjing Industrial Painting Equipment Co.,Ltd., an enterprise specializing in the development, manufacture and sales of industrial painting equipment

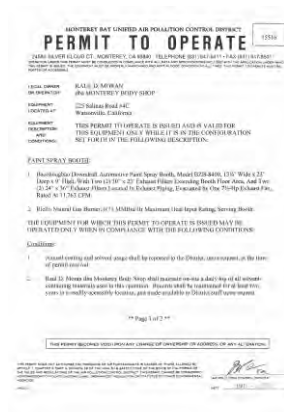
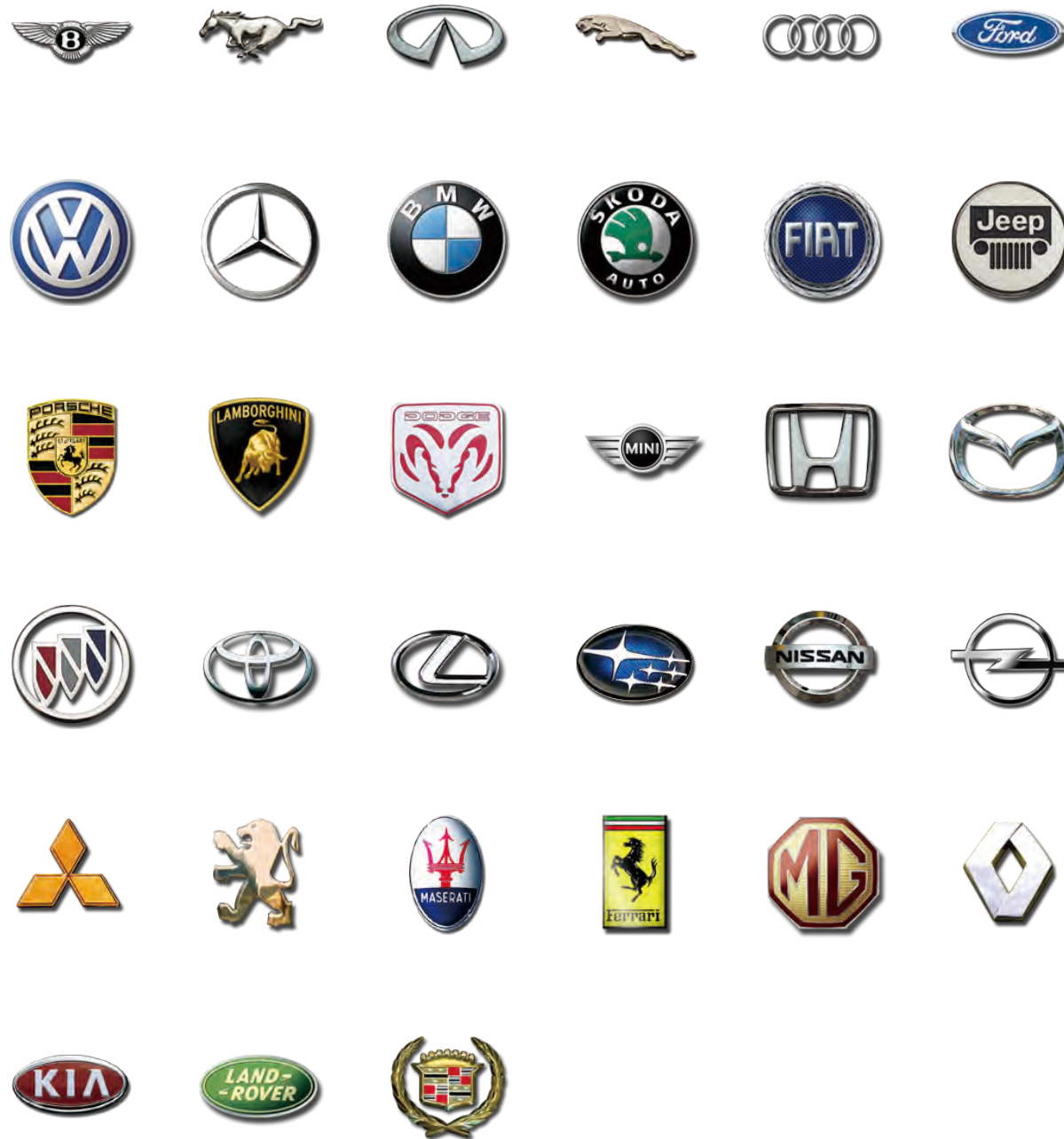
Its core products are Baozhongbao brand environment-friendly dry type spraying & baking booth, whirlpool spraying & baking booth, pump spraying & baking booth, bridge style baking room, room type baking room, shower tester, car body's sheet metal rectifier and large industrial painting assembly line for car, bus, mechanical equipment etc.Its annual production capacity is 36000 sets

Now it has many certificates such as the CE certificate by European Union, those that prove it passed the ISO9001:2004 international quality certification, the Australia QMS certification

Its BZB series spraying & baking booth are specially chosen by Volkswagen, Audi, Mazda, Citroen, Peugeot, Honda, Ford, Nissan for maintaining their products. Its products are well received in the 31 provinces (including municipalities and autonomous regions) and even exported to USA, Japan, Russia, Australia, Canada, Germany, Korea, Thailand, Malaysia, Singapore, Vietnam, Pakistan, etc. It has offices in almost all the provincial capitals and agents in the countries mentioned above.

33 car factory designate BZB brand spray booth as specified products

Company Qualification



Milling machine



Forming Machine



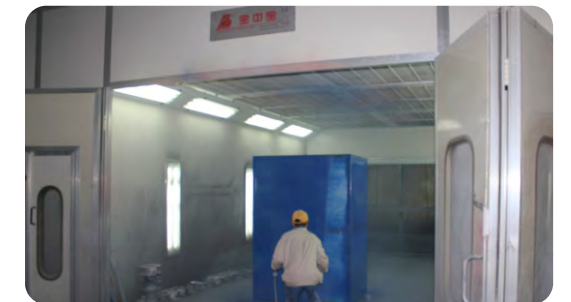
Shot Blasting Booth



Powder coating Line



Painting Booth



Digital Equipment



Punch Equipment



Robot



Product Image



Outside Size(mm)

7046*5690*4175

Inside Size(mm)

6900*4000*2650

Front Door(mm)

3000(W)*2600(H)

Service Door(mm)

800*2000

Total Power

23.5kw

Cabin System

Wallboard	EPS colorful steel skin board, wall panel: 70mm thick, ceiling panel: 50mm thick rock-wool panel, tongue & groove style compound construction, aluminum-alloy frame, anti-flame and heat- insulation		
Basement	300mm height,full grid, adjustable height, galvanized steel sheet construction, three embossed steel ramp		
Inlet Turbine Fan	Capacity: 25000m³/h	Outlet Turbine Fan	Capacity: 25000m³/h
	Power: 7.5kw		Power: 7.5kw
	Quantity: 1 set		Quantity: 1 set
32 pcs ceiling nozzles with 2 centrifugal fans(1.5kw/set) & two corner dryers for drying water based paint			

Purification System

Dual filtering structure, the primary filter can capture granules larger than 10 μm. ceiling filter can capture granules bigger than 4μm. the whole purification system has capacity of large volume of dust. Its filtering rate reaches 98%. air pressure balance gauge, TSP≤1.2mg/m³

Heating System

Italy Riello RG5S diesel burner, 260000Kcal/h, 20N damper, 2 sets quick dryer
Heating exchanger, stainless steel, argon arc welding, heating exchange rate 85%
Max temp:80℃, heating time: 6-10min(20-60℃), fuel consumption:6-8kg/vehicle

Lighting System

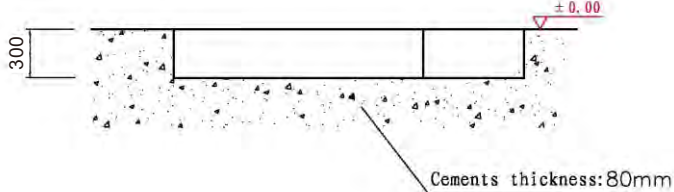
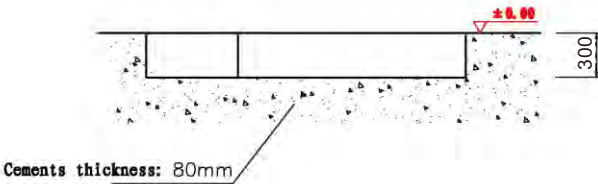
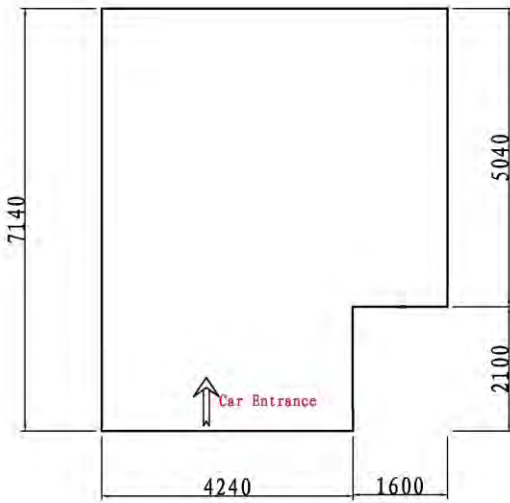
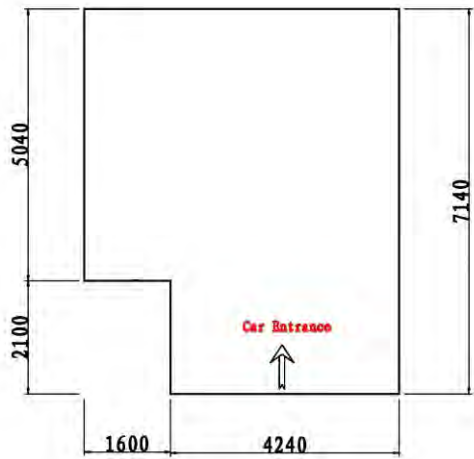
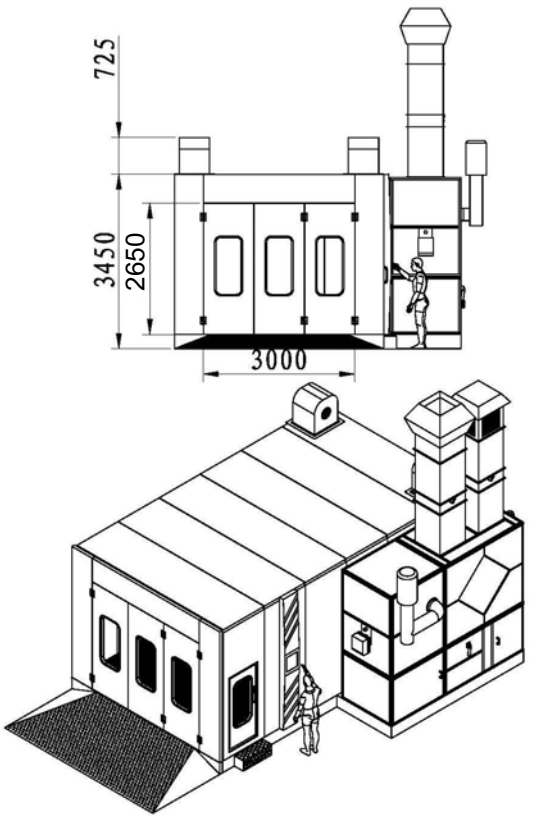
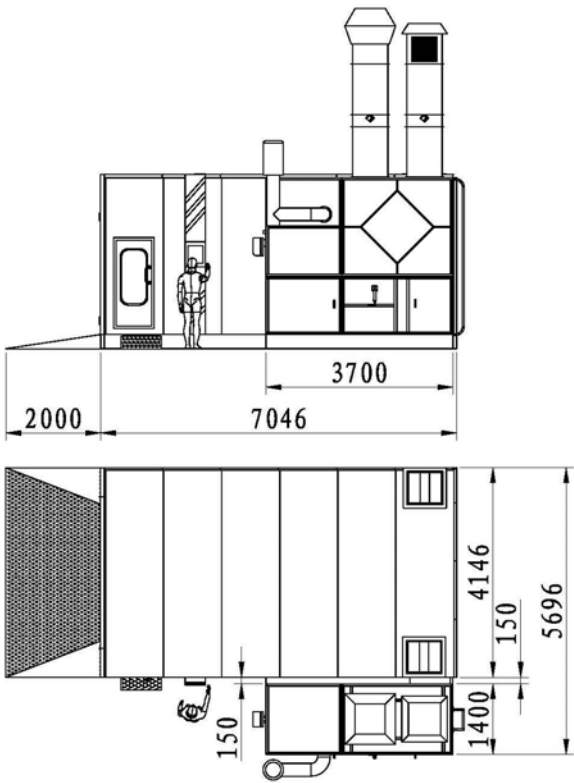
Ceiling Light: 32pcs 16w LED lamp; bottom light: 32pcs 16w LED lamp, 1200 Lux

Controlling System

PLC digital controlling, soft touching button, spray & baking switch, light switch, emergency stop, breakdown alarm

Environmental System

Multi-layer fiberglass filter, active carbon.



Product Image



Outside Size(mm)

7040*5550*3450

Inside Size(mm)

6900*4000*2650

Front Door(mm)

3000(W)*2600(H)

Service Door(mm)

800*2000

Total Power

17.7kw

Cabin System

Wallboard	EPS colorful steel skin board, wall panel: 70mm thick, ceiling panel: 50mm thick rock-wool panel, tongue & groove style compound construction, aluminum-alloy frame, anti-flame and heat- insulation		
Basement	300mm height,full grid, adjustable height, galvanized steel sheet construction, three embossed steel ramp		
Inlet Fan	Model: YDW4.5L	Outlet Fan	Model: YDW5.6L
	Capacity: 24000m3/h		Capacity: 21000m3/h
	Power: 4kw		Power: 7.5kw
	Quantity: 2 sets		Quantity: 1 set
Air volume: 24000m3/h; air speed: 0.3m/s, air recycling times: 315 times/h			

Purification System

Dual filtering structure, the primary filter can capture granules larger than 10 μm. ceiling filter can capture granules bigger than 4μm. the whole purification system has capacity of large volume of dust. Its filtering rate reaches 98%. air pressure balance gauge, TSP≤1.2mg/m3

Heating System

Italy Riello G20 diesel burner, 180000Kcal/h, 20N damper
SUS304 stainless steel heating exchanger, argon arc welding
Max temp:80°C, heating time: 4-5min(20-60°C), fuel consumption:4-5kg/vehicle

Lighting System

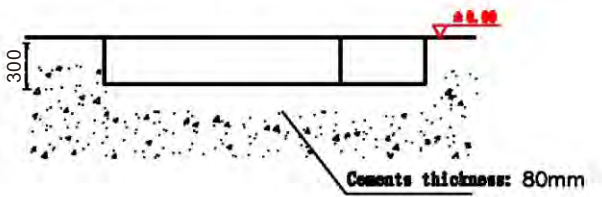
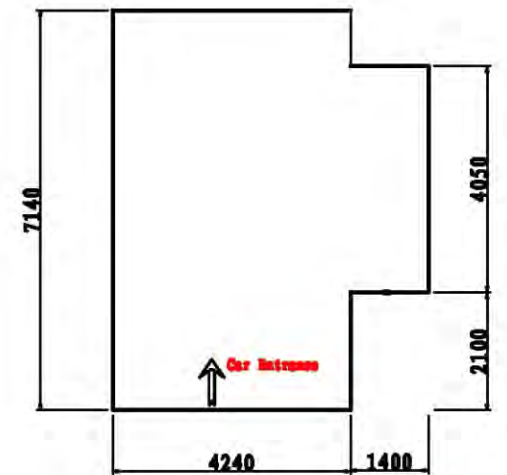
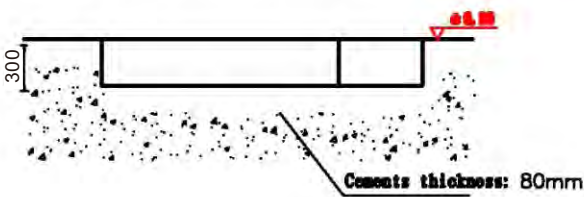
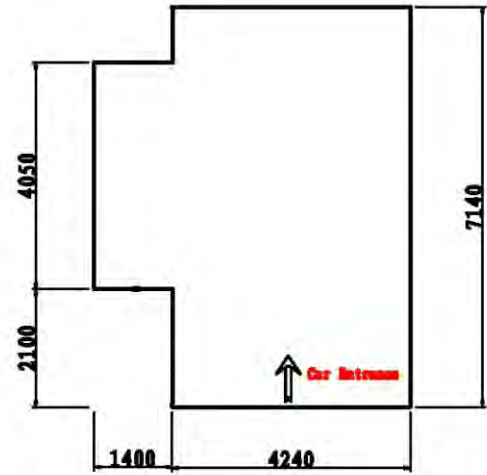
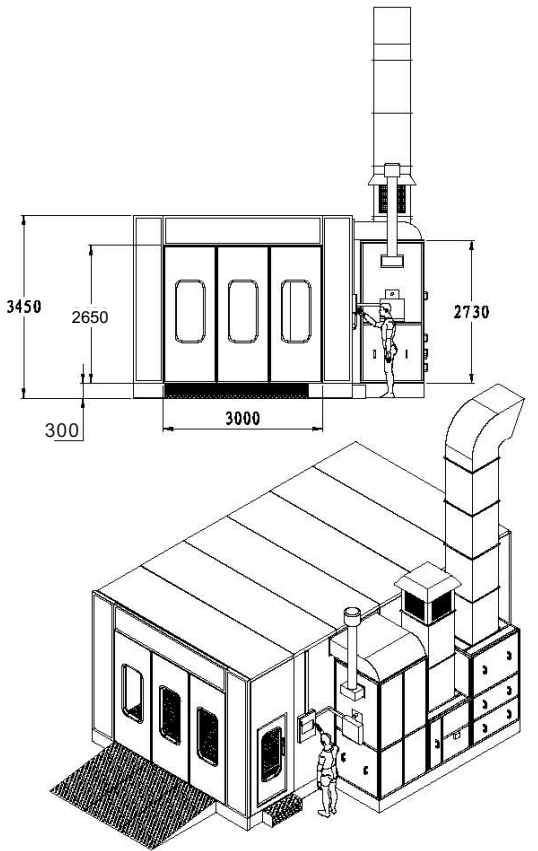
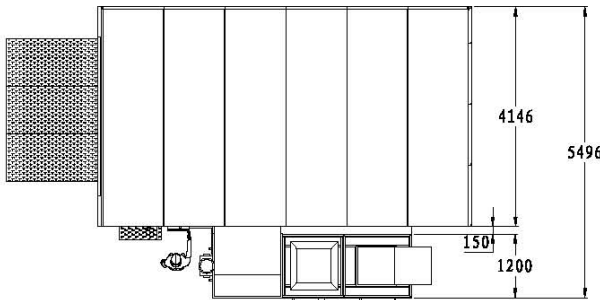
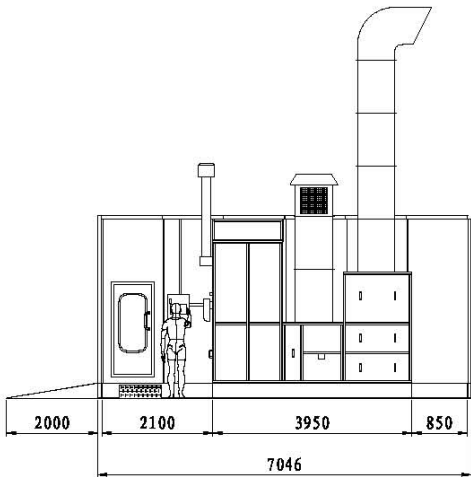
Ceiling Light: 32pcs 16w LED lamp; bottom light: 16pcs 16w LED lamp, 1500 Lux

Controlling System

Spray & baking switch, light switch, emergency stop, breakdown alarm, failure alarm, timer

Environmental System

Multi-layer fiberglass filter, active carbon.



Product Image



Outside Size(mm)

7000*5560*3430

Inside Size(mm)

6900*4000*2650

Front Door(mm)

3000(W)*2600(H)

Service Door(mm)

800*2000

Total Power

16kw

Cabin System

Wallboard	EPS colorful steel skin board, wall panel: 50mm thick, steel sheet thickness: 0.426mm. tongue & groove style compound construction, anti-flame and heat- insulation, galvanized steel roof panel		
Basement	300mm height galvanized steel sheet and square steel pipe assembling, 2 line grid & 3 line embossed plate, three embossed steel ramps		
Inlet Fan	Capacity: 24000m3/h	Outlet Fan	Capacity: 15000m3/h
	Power: 4kw		Power: 7.5kw
	Quantity: 2 sets		Quantity: 1 set
Air volume: 24000m³/h; air speed: 0.3m/s			

Purification System

Dual filtering structure, the primary filter can capture granules larger than 10 µm. ceiling filter can capture granules bigger than 4µm. the whole purification system has capacity of large volume of dust. Its filtering rate reaches 98%. air pressure balance gauge, TSP≤1.4mg/m³

Heating System

Italy Riello G20 diesel burner, 180000Kcal/h, 20N damper
SUS304 stainless steel heating exchanger, argon arc welding
Max temp:80°C, heating time: 4-6min(20-60°C), fuel consumption:4-5kg/vehicle

Lighting System

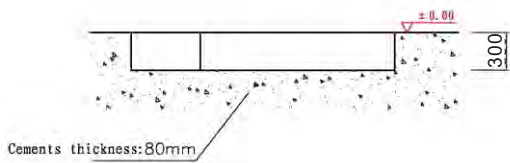
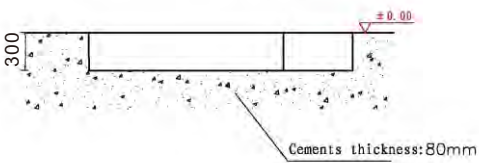
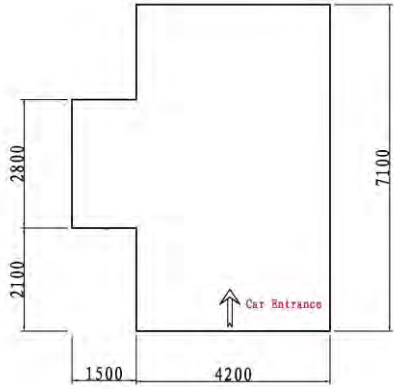
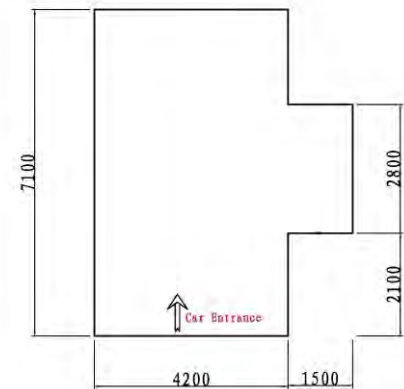
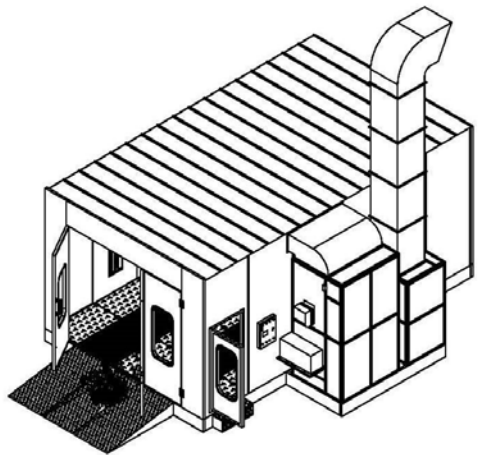
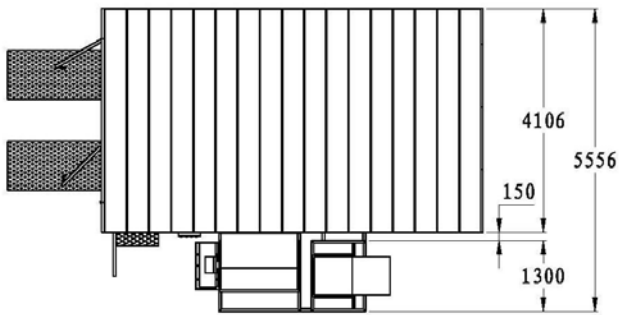
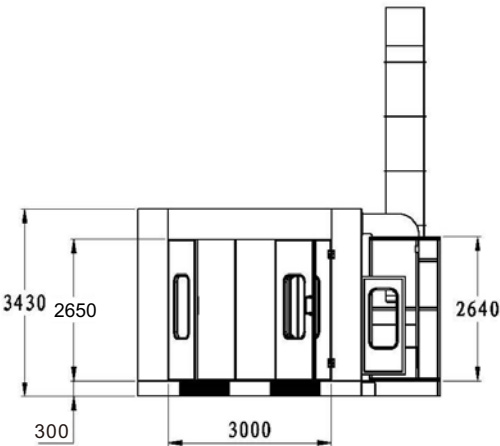
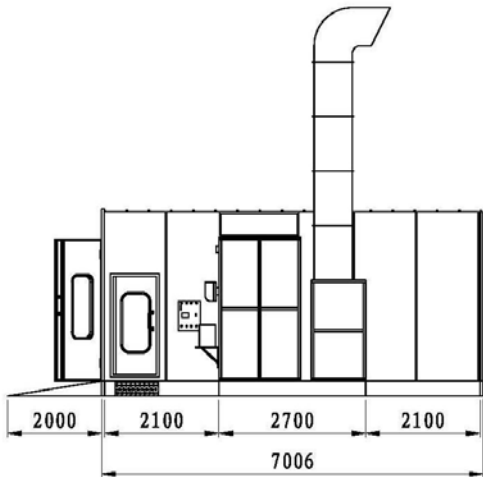
Ceiling Light: 32pcs 16w LED lamp; bottom light: 16pcs 16w LED lamp, 1500Lux

Controlling System

Micro-computer programmed controlling, spray & baking switch, light switch, emergency stop, breakdown alarm

Environmental System

Multi-layers fiberglass filter, active carbon



Product Image



Outside Size(mm)

7000*5560*3430

Inside Size(mm)

6900*4000*2650

Front Door(mm)

3000(W)*2600(H)

Service Door(mm)

800*2000

Total Power

10kw

Cabin System

Wallboard	EPS colorful steel skin board, wall panel: 50mm thick, tongue & groove style compound construction, anti-flame and heat- insulation, galvanized steel roof panel		
Basement	300mm height galvanized steel sheet and square steel pipe assembling, 2 line grid & 3 line embossed plate, three embossed steel ramps		
Inlet Fan	Model: YDW	Outlet Fan for option	
	Capacity: 24000m3/h		
	Power: 4kw		
	Quantity: 2 sets		
Air volume: 24000m³/h; air speed: 0.25m/s, air recycling times: 280times/hour			

Purification System

Dual filtering structure, the primary filter can capture granules larger than 10 μm. ceiling filter can capture granules bigger than 4μm. the whole purification system has capacity of large volume of dust. Its filtering rate reaches 98%. air pressure balance gauge, TSP≤1.4mg/m³

Heating System

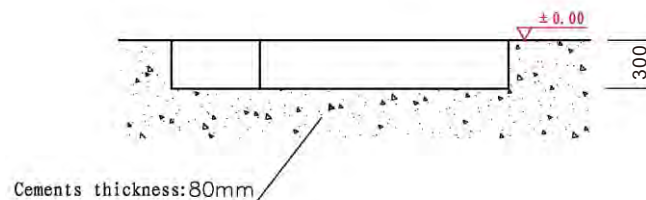
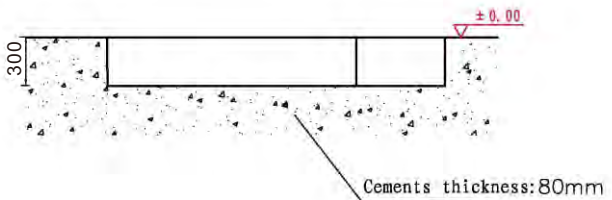
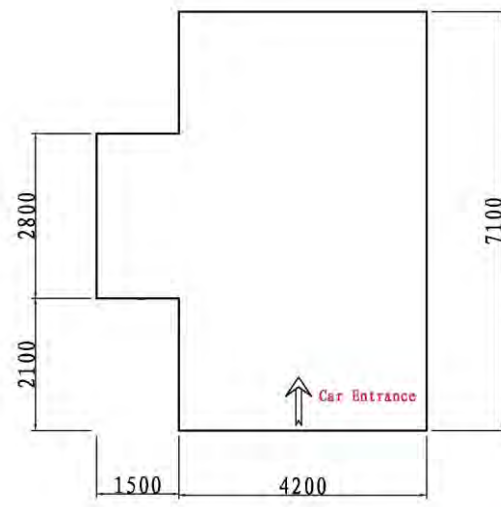
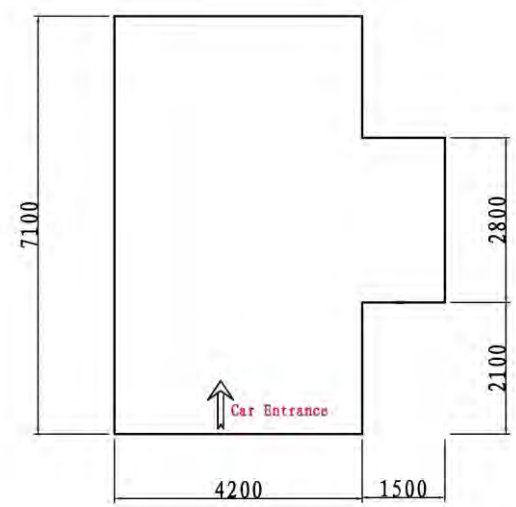
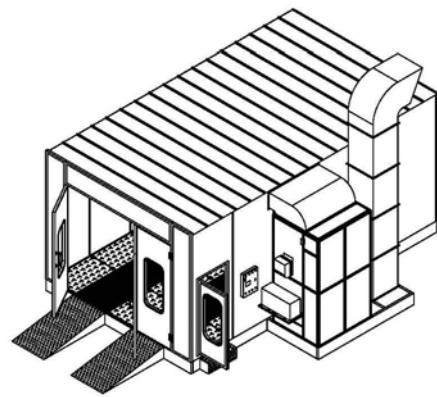
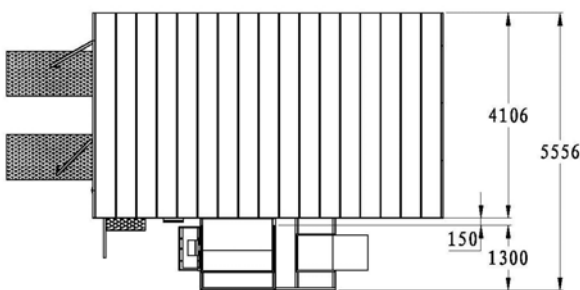
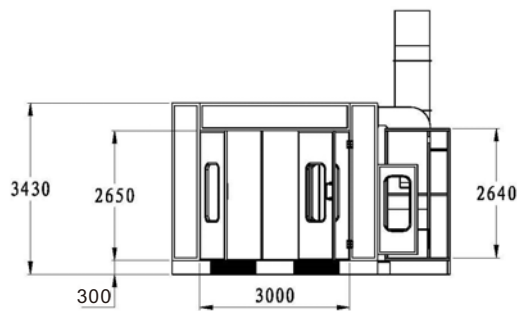
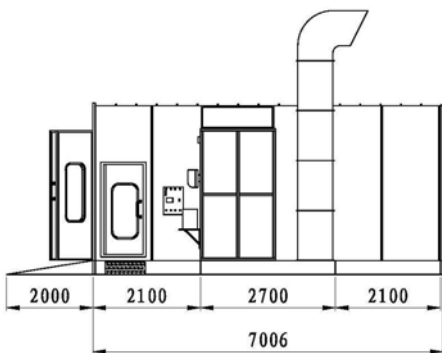
Italy Riello G20 diesel burner, 180000Kcal/h, 10N damper
SUS304 stainless steel heating exchanger, argon arc welding
Max temp:80°C, heating time: 4-6min(20-60°C), fuel consumption:4-5kg/vehicle

Lighting System

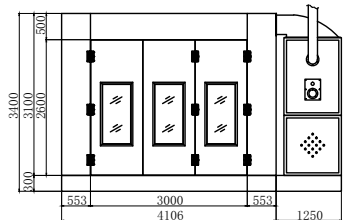
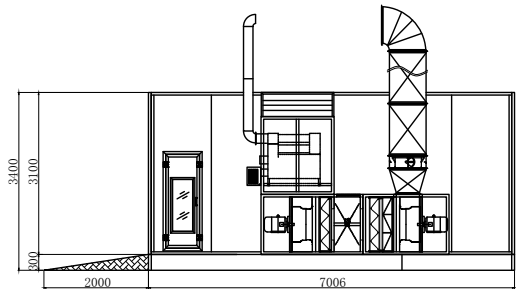
Ceiling Light: 32pcs 16w LED lamp; 800 Lux

Controlling System

Spray & baking switch, light switch, emergency stop, breakdown alarm



Product Image



Outside Size(mm)

7006*5356*3430

Inside Size(mm)

6900*4000*2650

Front Door(mm)

3000(W)*2600(H)

Service Door(mm)

800*2000

Total Power

17.7kw

Cabin System

Wallboard	EPS 0.6mm colorful steel skin board, wall panel: 50mm thick, tongue & groove style compound construction, aluminum-alloy frame, anti-flame and heat- insulation		
Basement	300mm height full grid, galvanized steel sheet construction, three embossed steel ramp		
Inlet fan	Capacity: 25000m3/h	Exhausted fan	Capacity: 25000m3/h
	Power:7.5kw		Power: 7.5kw
	Quantity: 1 set		Quantity: 1 set

Purification System

Dual filtering structure, the primary filter can capture granules larger than 10 μ m. ceiling filter can capture granules bigger than 4 μ m. the whole purification system has capacity of large volume of dust. Its filtering rate reaches 98%. air pressure balance gauge, TSP $\leq$ 1.2mg/m3

Heating System

Italy Riello G20 diesel burner, 180000Kcal/h, 20N damper
SUS304 stainless steel heating exchanger, argon arc welding
Max temp:80°C, heating time: 4-5min(20-60°C), fuel consumption:4-5kg/vehicle

Lighting System

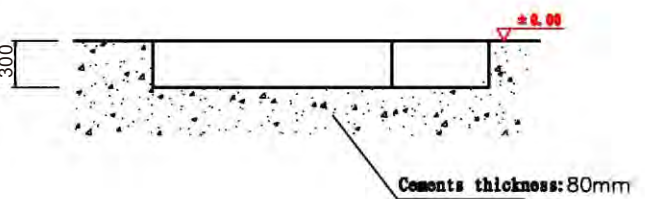
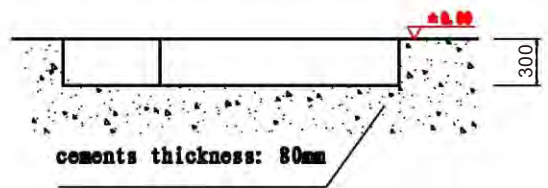
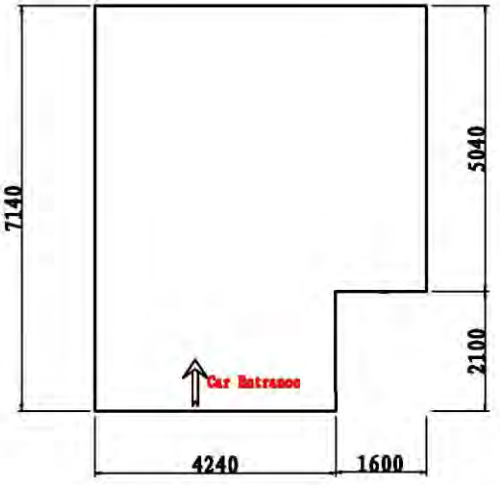
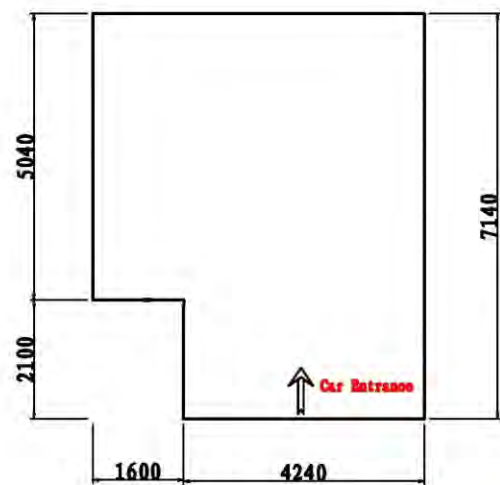
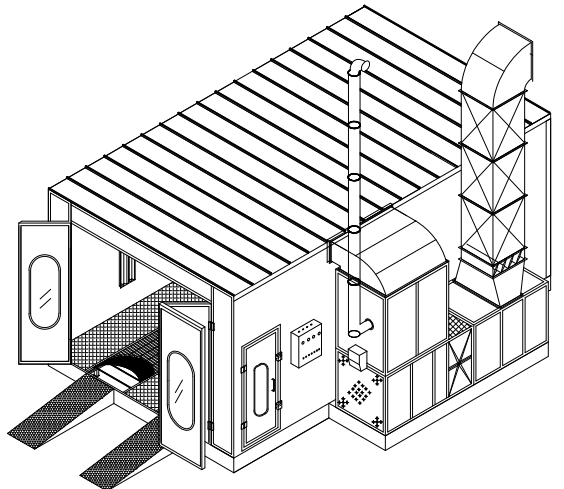
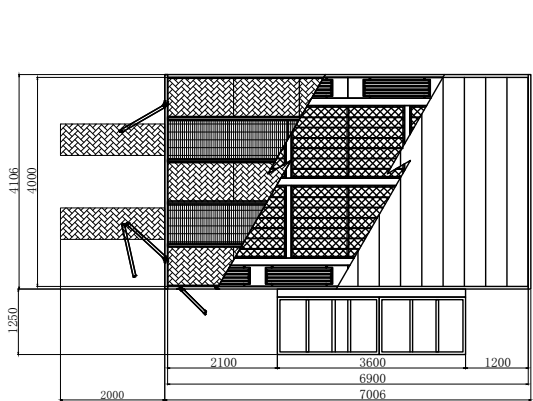
Ceiling Light: 32pcs 16w LED lamp; bottom light: 16pcs 16w LED lamp, 1500Lux

Controlling System

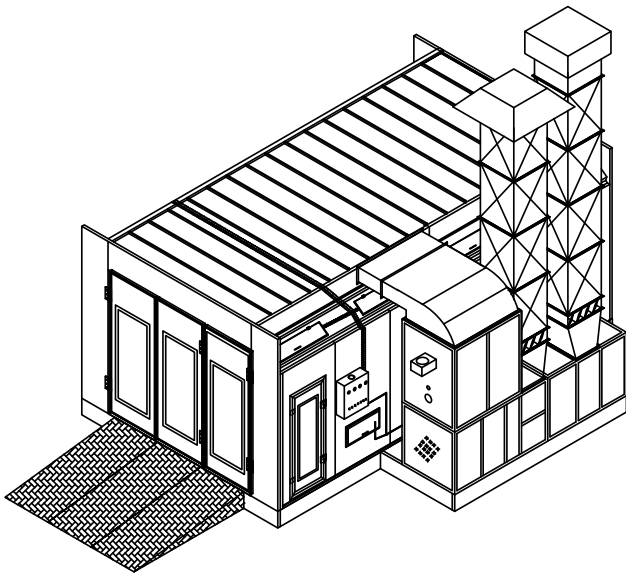
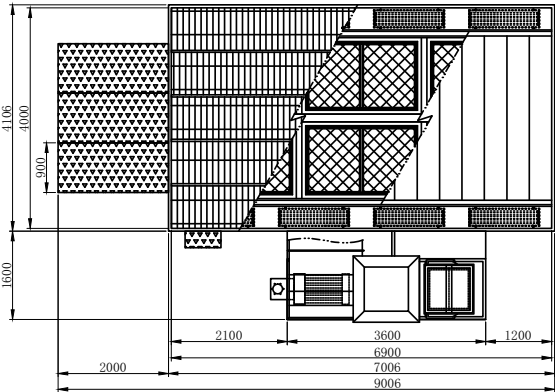
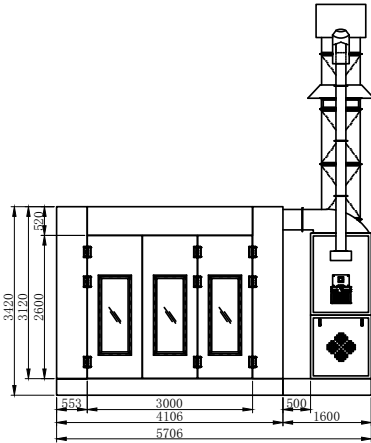
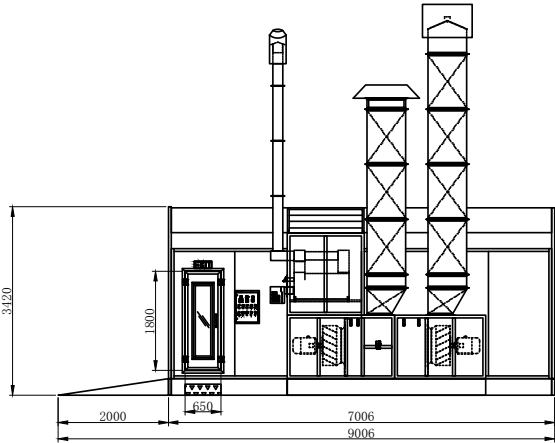
Spray & baking switch, light switch, emergency stop, breakdown alarm, failure alarm, timer

Environmental System

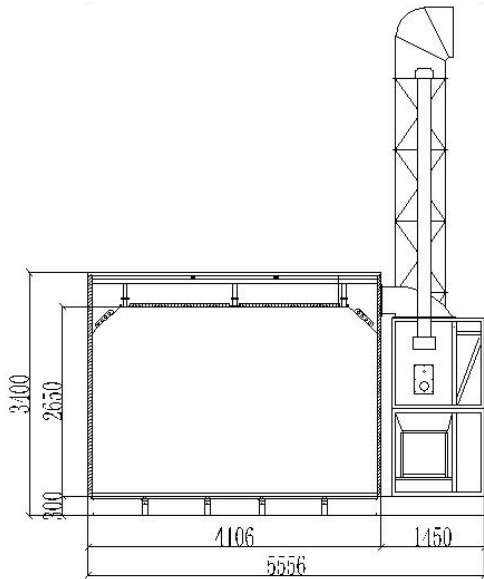
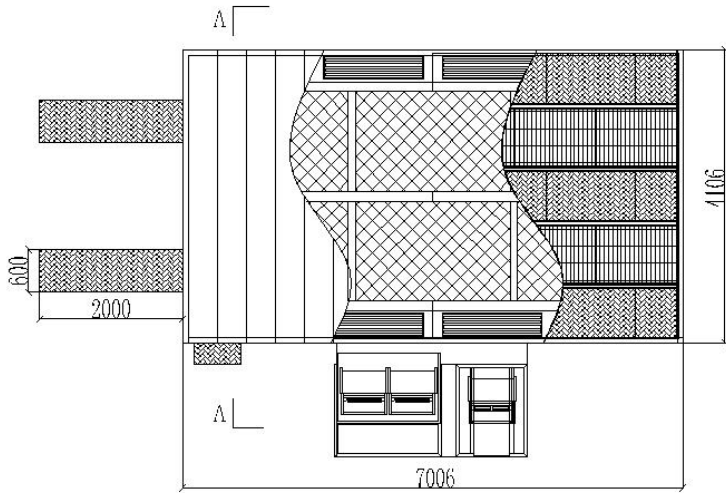
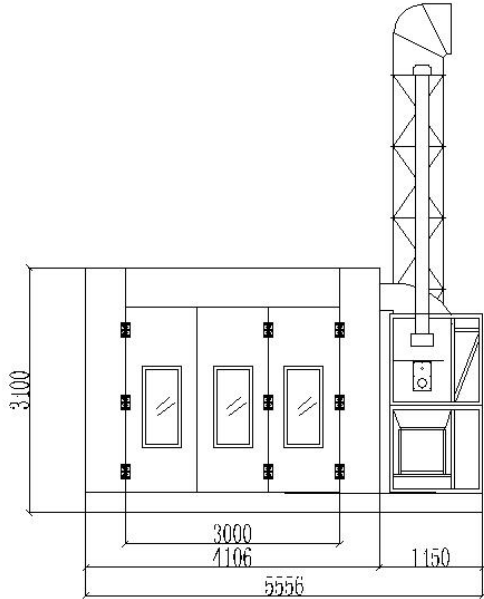
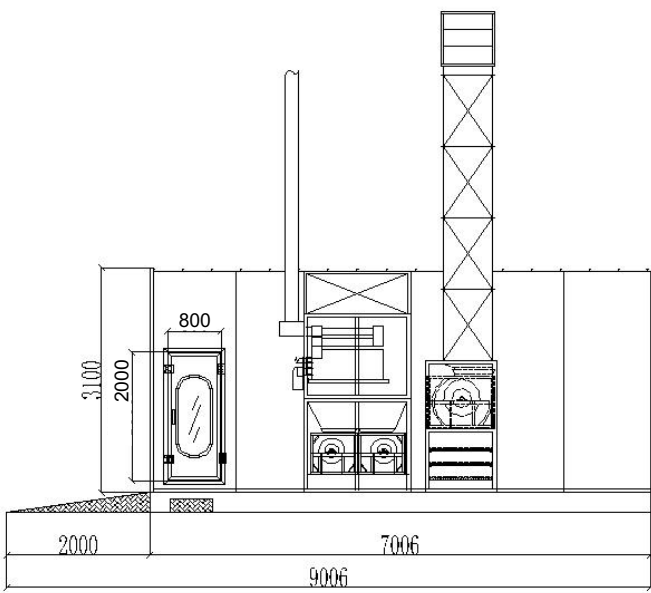
Multi-layers fiberglass filter, active carbon



Product Image			
Outside Size(mm)	7000*5560*3430		
Intside Size(mm)	6900*4000*2650		
Front Door(mm)	3000(W)*2600(H)		
Service Door(mm)	800*2000		
Total Power	17.7kw		
Cabin System	Wallboard	50mm thick flame-resistant and heat-preserving EPS board; 0.6 thick colored steel.Roof panel: 0.8mm galvanized sheet;	
	Basement	steel structure base; two line grilles, three line diamond plates; height is 300mm; 900mm width three ramps;	
	Inhaling Ventilator	Model: BZB-800	Model: BZB-800
		Capacity: 25000m³/h	Capacity: 25000m³/h
		Pressure: 800Pa	Pressure: 800Pa
		Rolling Speed: 900rpm	Rolling Speed: 900rpm
	Exhaust Ventilator	Power: 7.5kw	Power: 7.5kw
		Quantity: 1set	Quantity: 1set
Purification System	G3 grade, Pockets filter Pre-filter, EU5 / F5 high efficiency filter (ceiling filter), green fiber glass filter / G3 grade floor filter; Pocket filter or M green fiber glass filter and active carbon exhaust fan filter.		
Heating System	Stainless steel SUS304 heat exchanger, RIELLO G20 diesel burner, heating capacity is 180000Kcal/h, pneumatic damper from spraying to baking cycle;		
	Oil consumption 4~6L/set; the Spray to baking switch: Pneumatic Damper		
Lighting System	Chimney Duct: 4 meters stainless ducting and one chimney hood heating time is 5~7 minutes; Max heating temperature:80degree;		
	Ceiling Lights: 10Groupsx4Pcs=40Pcs x16W ; Side lights: 8Groupsx2Pcs=16pcs x 16W Glass:LED Light tube all glass is clear tempered glass. ≥1000Lux		
Controlling System	CE standard control system, Lighting switch, spraying, risen-temperature spraying, baking, baking temperature, time setting, failure indicator, temperature controller, emergency stop, breakdown alarm,presure gauge		
Environmental System	Multi-layers fiberglass filter, filter bag		

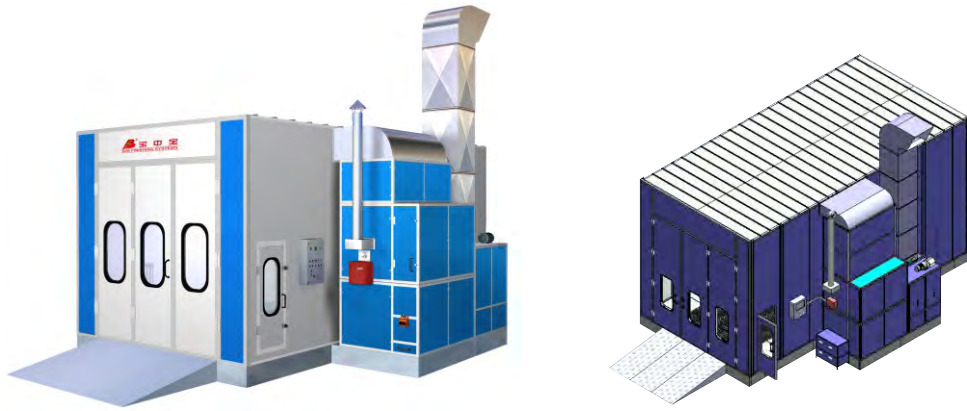


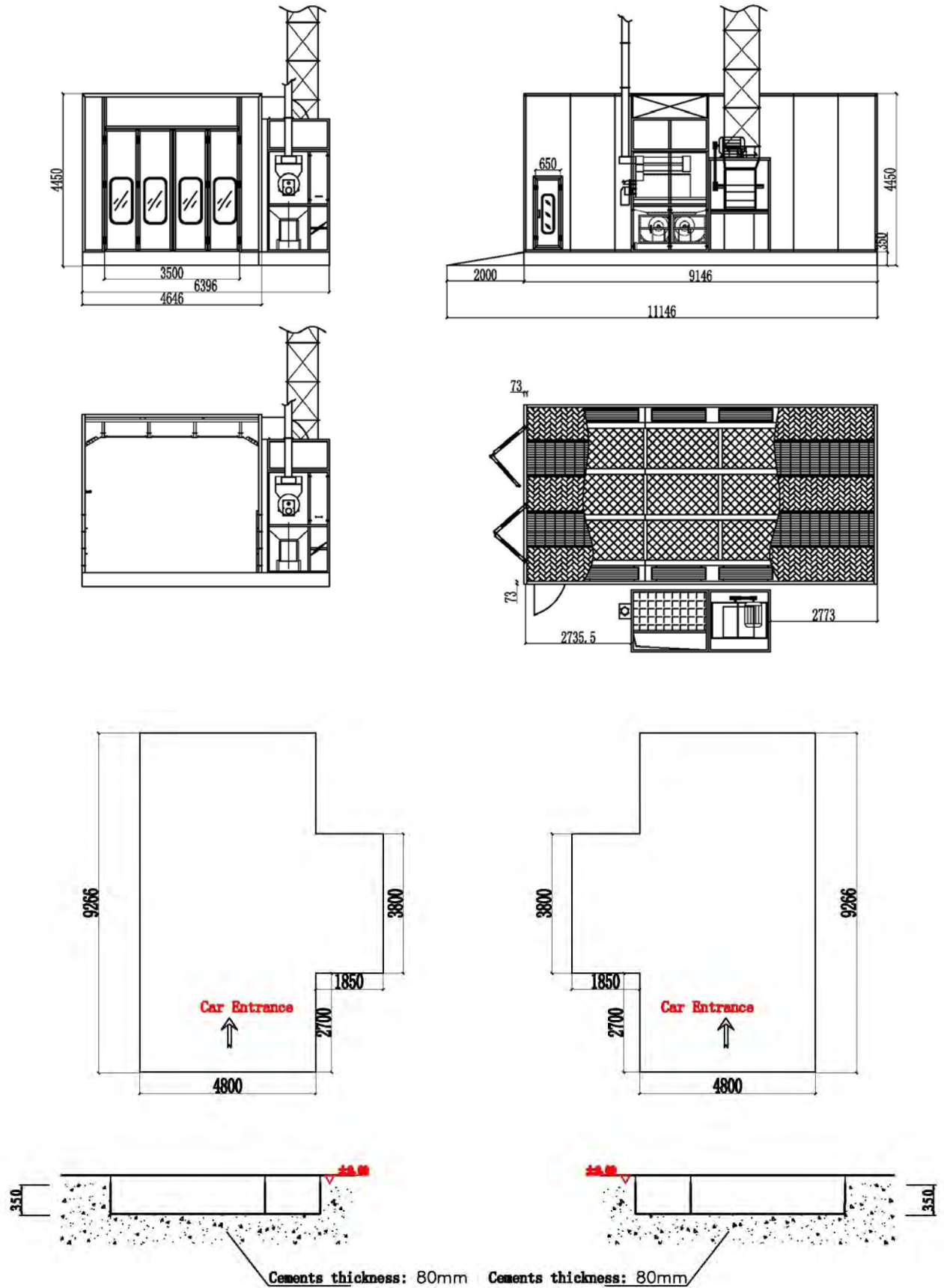
Product Image			
Outside Size(mm)	7000*5560*3430		
Intside Size(mm)	6900*4000*2650		
Front Door(mm)	3000(W)*2600(H)		
Service Door(mm)	800*2000		
Total Power	15kw		
Cabin System	Wallboard	50mm thick flame-resistant and heat-preserving EPS board; 0.426 thick colored steel.Roof panel: 0.8mm galvanized sheet;	
	Basement	steel structure base; two line grilles, three line diamond plates; height is 300mm; 600mm width two ramps;	
	Inhaling Ventilator	Model: YDW-4.5AL	Model: YDW-4.5L
		Capacity: 22000m³/h	Capacity: 14000m³/h
		Pressure: 800Pa	Pressure: 800Pa
		Rolling Speed: 900rpm	Rolling Speed: 900rpm
	Exhaust Ventilator	Power: 3kw	Power: 4kw
		Quantity: 2sets	Quantity: 1set
Purification System	Pre-filter, high efficiency filter (ceiling filter), floor filter;		
Heating System	Stainless steel SUS304 heat exchanger, RIELLO G20 diesel burner , heating capacity is 180000Kcal/h, pneumatic damper from spraying to baking cycle;		
	Oil consumption 4~6L/set; the Spray to baking switch: Pneumatic Damper		
	Max heating temperature:80degree;		
Lighting System	Ceiling Lights: 8Groupsx4Pcs=32Pcs x16W ; Side lights: 4Groupsx4Pcs=16pcs x 16W Glass: all glass is clear tempered glass. ≥1000Lux		
Controlling System	Micro-computer programmed controlling, Lighting switch, spraying, risen-temperature spraying, baking, baking temperature, time setting, failure indicator, temperature controller, emergency stop, breakdown alarm;		
Environmental System	Multi-layers fiberglass filter, active carbon		



Product Image			
Outside Size(mm)	7000*5560*3430		
Intside Size(mm)	6900*4000*2650		
Front Door(mm)	3000(W)*2600(H)		
Service Door(mm)	800*2000		
Total Power	28kw		
Cabin System	Wallboard	Double wall panels of 0.8mm galvanized steel sheet, thickness 50 mm, inside and outside white, insulated with rock wool (PU on option), with tongue and groove interlocking system	
	Basement	Loading Capacity of Galvanized Grating	700 kg/wheel
		Surface Area	32 m² (full grating)
		Metal Basement	350 mm Height
		Drive-in Ramps	3 Units, each 2000 mm Length
	Inhaling Ventilator	1×11 kW, 970 rpm, 220 V, 60 Hz, 3Ph, America Nema Motor(CSA certificate)	
	Exhaust Ventilator	1×11 kW, 970 rpm, 220 V, 60 Hz, 3Ph, America Nema motor(CSA cerfificate)	
Water based System	Size:500×500×400 mm (L×W×H) , Internal Recycle Fan Motor :2×1.5 kW, 1390 rpm, 208V, 60Hz, CE Fan Capacity : 3,000m³/h , Nozzles :36 pcs		
Purification System	Pre-filter, high efficiency filter (ceiling filter), floor filter;		
Heating System	America Midco brand direct fired natural gas burner, Heat capacity: 360000kcal/h, Max temper: 80 degree, heating time:5-6min(20°C-60°C),fuel consumption: 1.16m3/h, LNG pressure: 1000pa-2000pa, LPG pressure: 500pa-1000pa, heating power: 310Kw. V type cellular style stainless steel heat exchanger, make sure the heat rates reaches 95%;		
Lighting System	Ceiling Lights: 8 Units, T5 lamps, each 4×54 W, Total 1728 W, IP54 ; Side lights: 6 Units, T5 lamps, each 4×54 W, Total 1296 W, IP54 . ≥1200Lux		
Controlling System	Spraying, risen-temperature spraying, baking temperature, time setting, lighting switch, hour meter, pressure gauge, emergency stop, failure alarm, temperature control meter, all electrical components with UL certificate		



Product Image				
Outside Size(mm)	9146*6396*4450			
Inside Size(mm)	9000*4500*3500			
Front Door(mm)	3500(W)*3200(H)			
Service Door(mm)	800*2000			
Total Power	31.5kw			
Cabin System	Wallboard	EPS colorful steel skin board, wall panel: 70mm thick, tongue & groove style compound construction, aluminum-alloy frame, anti-flame and heat-insulation		
	Basement	Galvanized steel sheet and square steel pipe assembling,2 lines of grids,3 lines of diamond plates,350mm height basement, three ramps.		
	Inlet fan	Capacity: 20000m3/h/fan	Exhausted fan	Capacity: 36000m3/h
		Power:7.5kw		Power: 15kw
		Quantity: 2 sets		Quantity: 1 set
Purification System	Dual filtering structure, the primary filter can capture granules larger than 10 μm. ceiling filter can capture granules bigger than 4μm. the whole purification system has capacity of large volume of dust. Its filtering rate reaches 98%. air pressure balance gauge, TSP≤1.2mg/m3			
Heating System	Italy Riello RG5S diesel burner, 260000Kcal/h, 20N damper			
	SUS304 stainless steel heating exchanger, argon arc welding			
	Max temp:80°C, heating time:6-10min(20-60°C), fuel consumption:6-10kg/vehicle			
Lighting System	Ceiling Light: 48pcs 16w LED lamp; bottom light: 20pcs 16w LED lamp, 1000 Lux			
Controlling System	Spray & baking switch, light switch, emergency stop, breakdown alarm, failure alarm, timer			
Environmental System	Multi-layers fiberglass filter, active carbon			



Product Image



Outside Size(mm)

15156*6906*5800

Intside Size(mm)

15000*5000*5000

Front Door(mm)

4000(W)*4500(H)

Service Door(mm)

800*2000(2pcs)

Total Power

65kw

Cabin System

Wallboard

EPS (epispastics polystyrene)Colorful Steel Skin Boards,75mm Thick, Tongue & Groove Style, Compound Construction, Aluminum-alloy Frame ,Anti-flame and Heat-Insulation with the strong support of powder coated pillars

Basement

Two rows of pits with galvanized duty-bearing grids for air sucking

Inlet fan

Capacity: 21000m3/h/fan
Power:7.5kw
Quantity: 4sets

Exhausted fan

Capacity: 35000m3/h/fan
Power: 15kw
Quantity: 2sets

Purification System

Dual filtering structure, the primary filter can capture granules larger than 10 μm. ceiling filter can capture granules bigger than 4μm. the whole purification system has capacity of large volume of dust. Its filtering rate reaches 98%. air pressure balance gauge, TSP≤1.2mg/m3

Heating System

Two sets Italy Riello RG5S diesel burner, 260000Kcal/h/ burner, 20N damper
SUS304 stainless steel heating exchanger, argon arc welding
Max Temp:80.C, Heating Time: 15-20min(20-60°C), Fuel Consumption: 10-12kg/vehicle

Lighting System

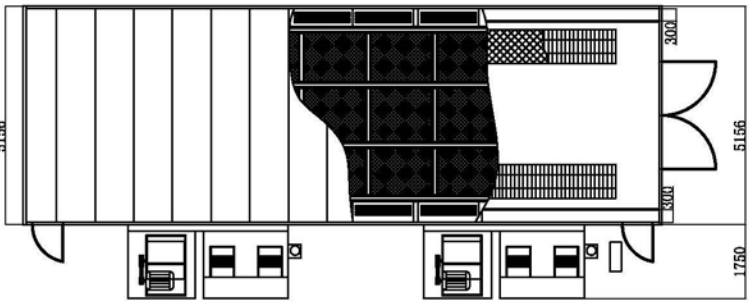
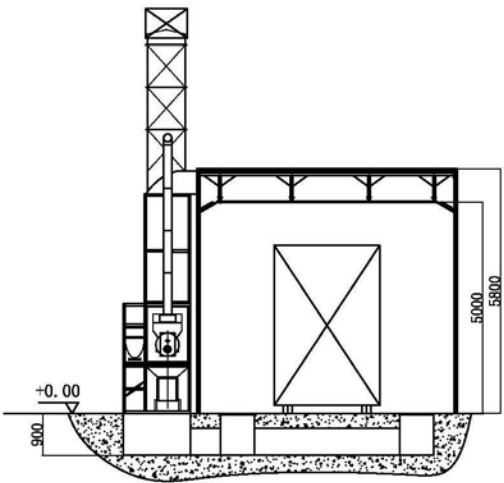
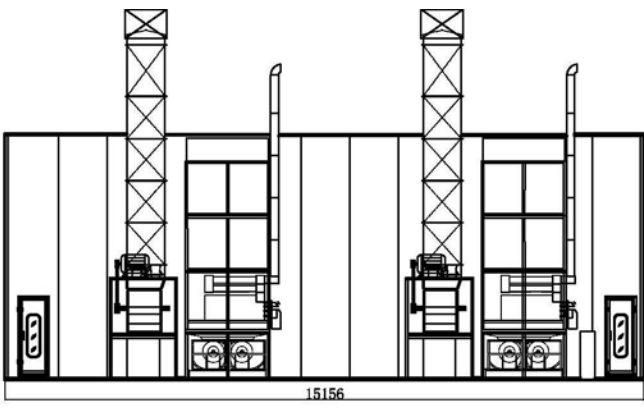
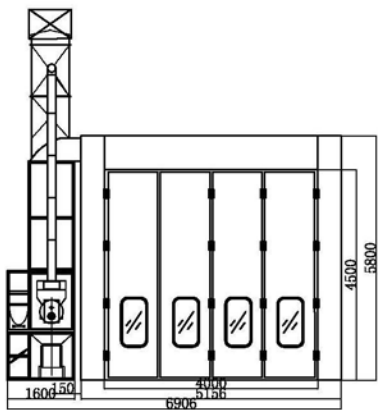
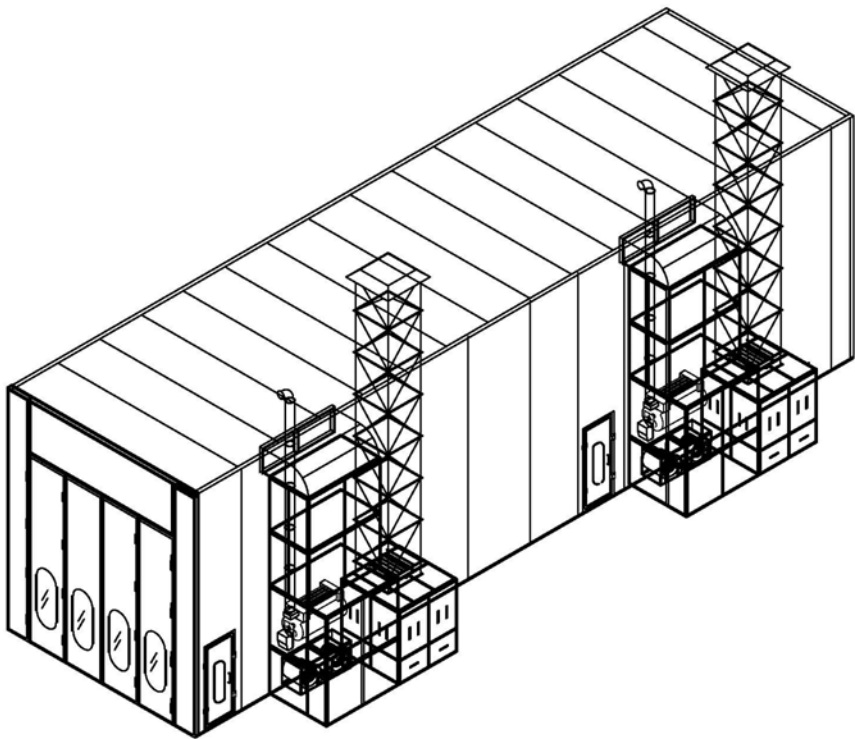
Ceiling Light: 80pcs 16w LED Lamp; Side Light: 44 pcs 16w LED Lamp, 900 Lux,

Controlling System

Spray & Baking Switch, Light Switch, Emergency Stop, Breakdown Alarm, failure alarm, timer

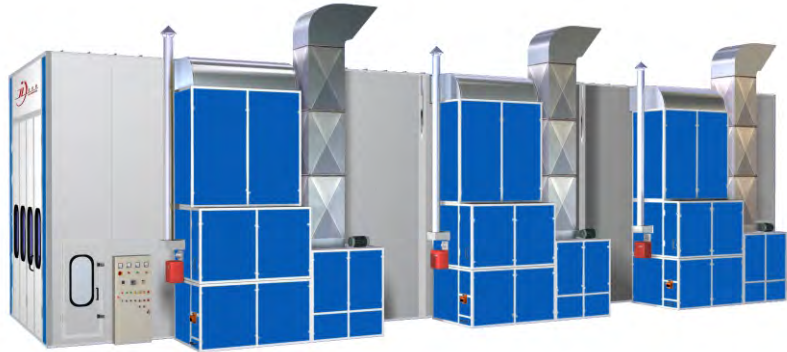
Environmental System

Multi-layers fiberglass filter, active carbon





Product Image



Outside Size(mm)

20156*6906*5800

Inside Size(mm)

20000*5000*5000

Front Door(mm)

4000(W)*4500(H)

Service Door(mm)

800*2000

Total Power

85kw

Cabin System

Wallboard	EPS (epispastics polystyrene)Colorful Steel Skin Boards,75mm Thick, Tongue & Groove Style, Compound Construction, Aluminum-alloy Frame ,Anti-flame and Heat-Insulation with the strong support of powder coated pillars		
Basement	Two rows of pits with galvanized duty-bearing grids for air sucking.		
Inlet fan	Capacity: 21000m3/h/fan	Exhausted fan	Capacity: 36000m3/h/fan
	Power:7.5kw		Power: 15kw
	Quantity: 6sets		Quantity: 3sets

Purification System

Dual filtering structure, the primary filter can capture granules larger than 10 μm. ceiling filter can capture granules bigger than 4μm. the whole purification system has capacity of large volume of dust. Its filtering rate reaches 98%. air pressure balance gauge, TSP≤1.2mg/m3

Heating System

Three sets Italy Riello RG5S diesel burner, 260000Kcal/h/ burner, 20N damper
SUS304 stainless steel heating exchanger, argon arc welding
Max Temp:80.C, Heating Time: 15-20min(20-60°C), Fuel Consumption: 15-18kg/vehicle

Lighting System

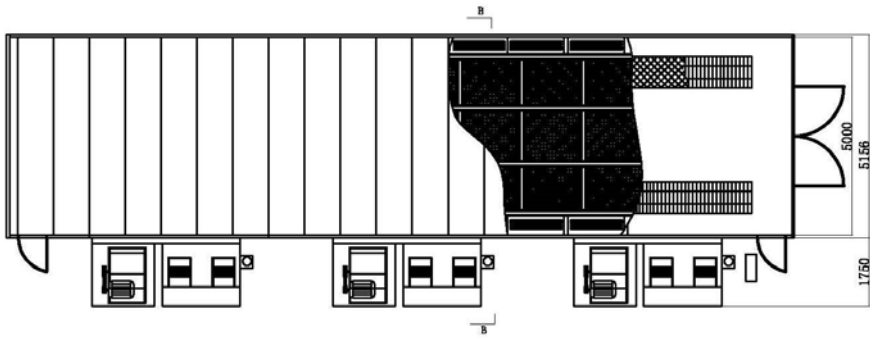
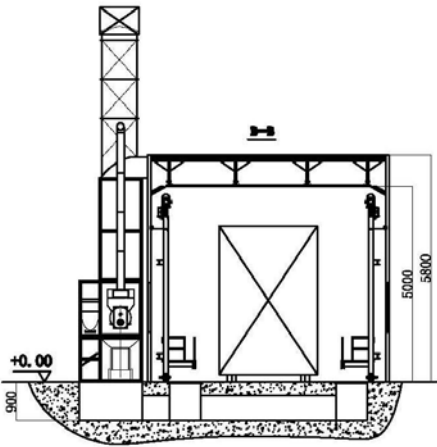
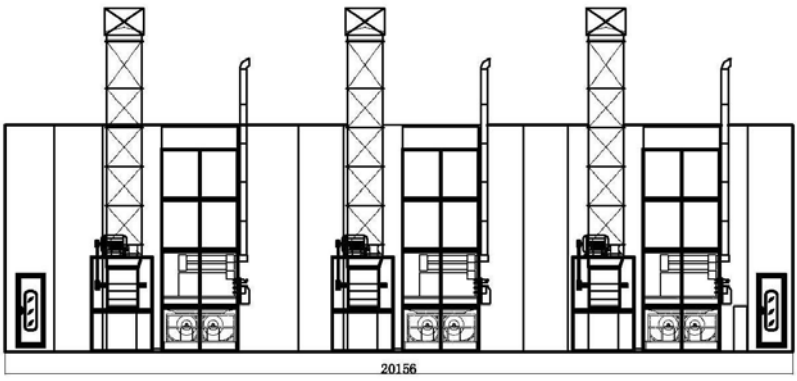
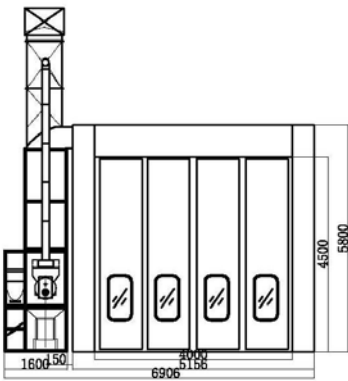
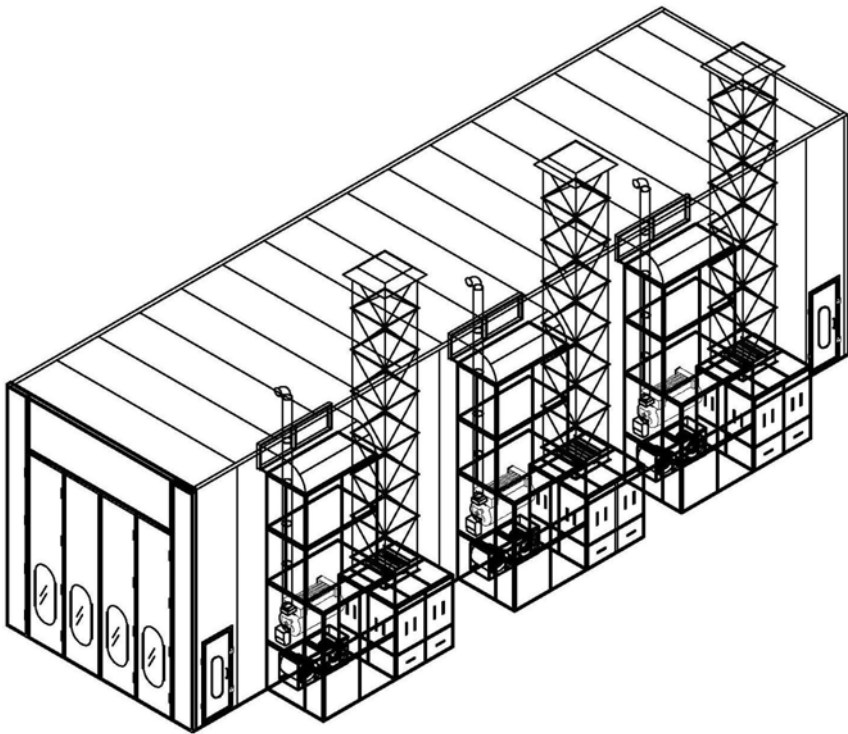
Ceiling Light: 112 pcs 16w LED Lamp; Side Light: 60 pcs 16w LED Lamp, 900 Lux,

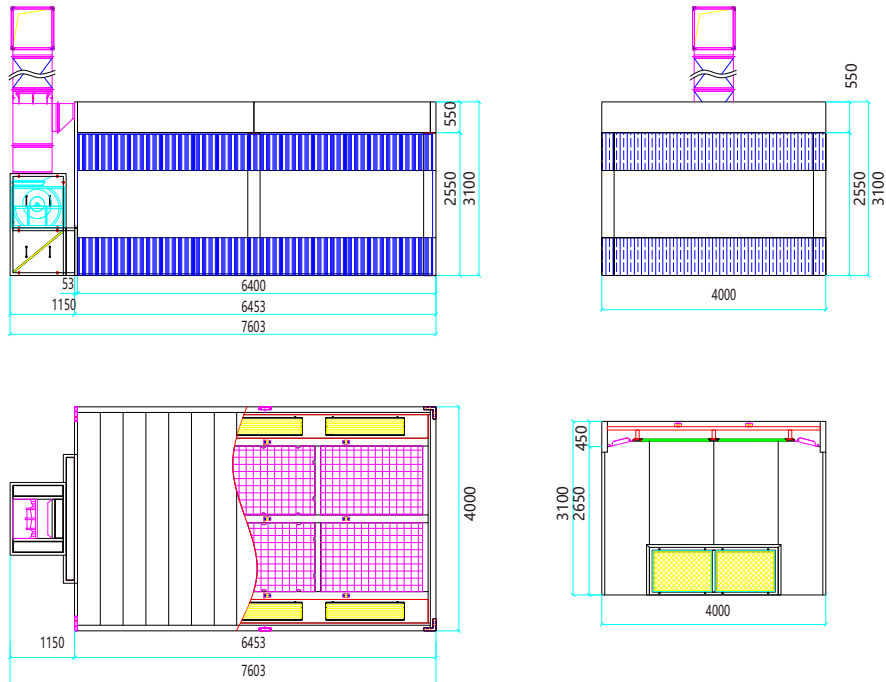
Controlling System

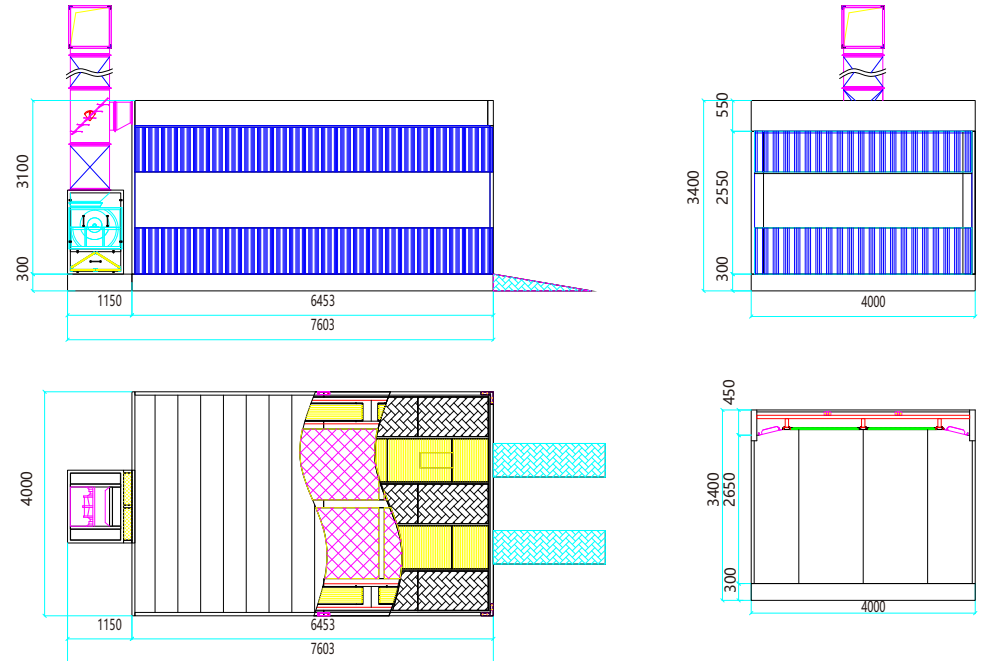
Spray & Baking Switch, Light Switch, Emergency Stop, Breakdown Alarm, failure alarm, timer

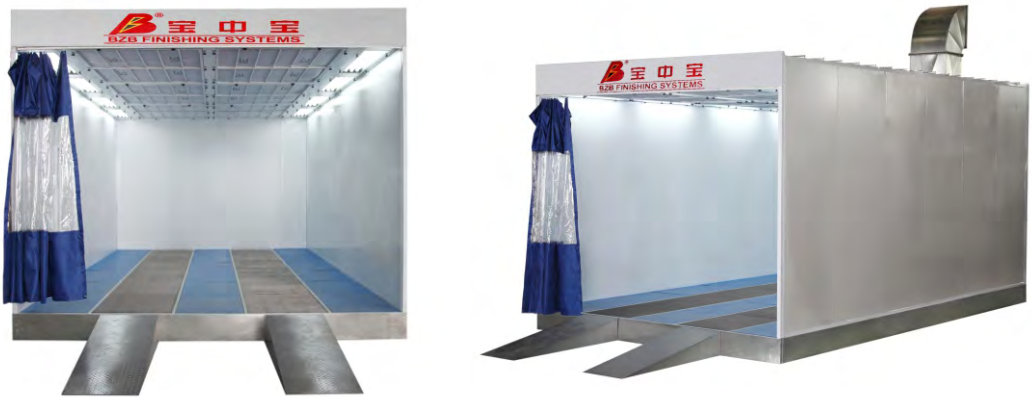
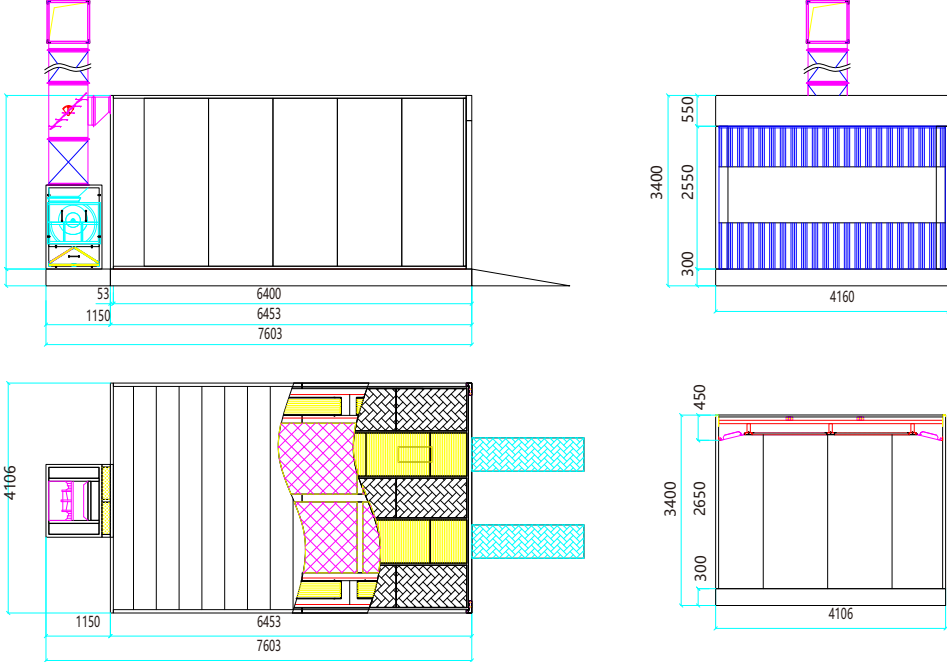
Environmental System

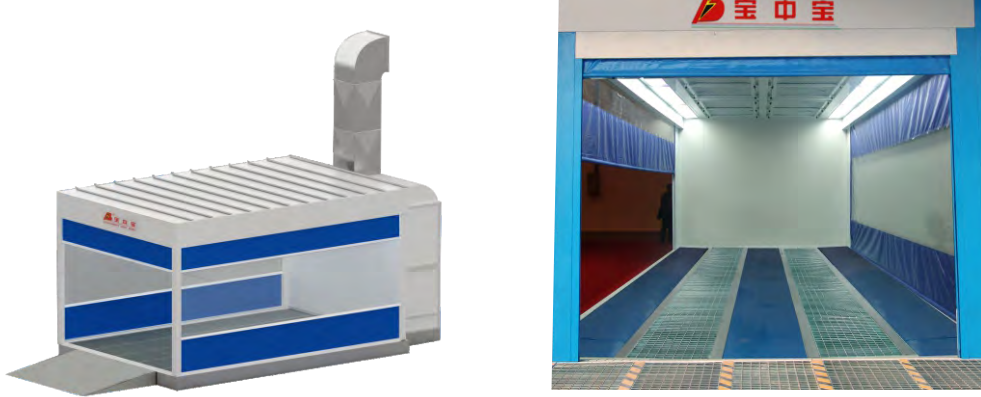
Multi-layers fiberglass filter, active carbon



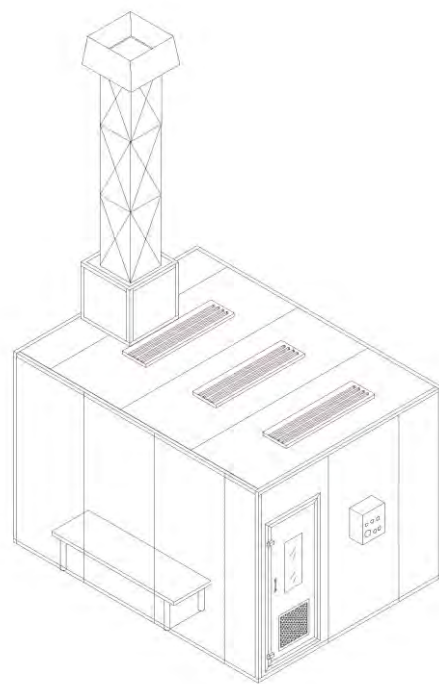
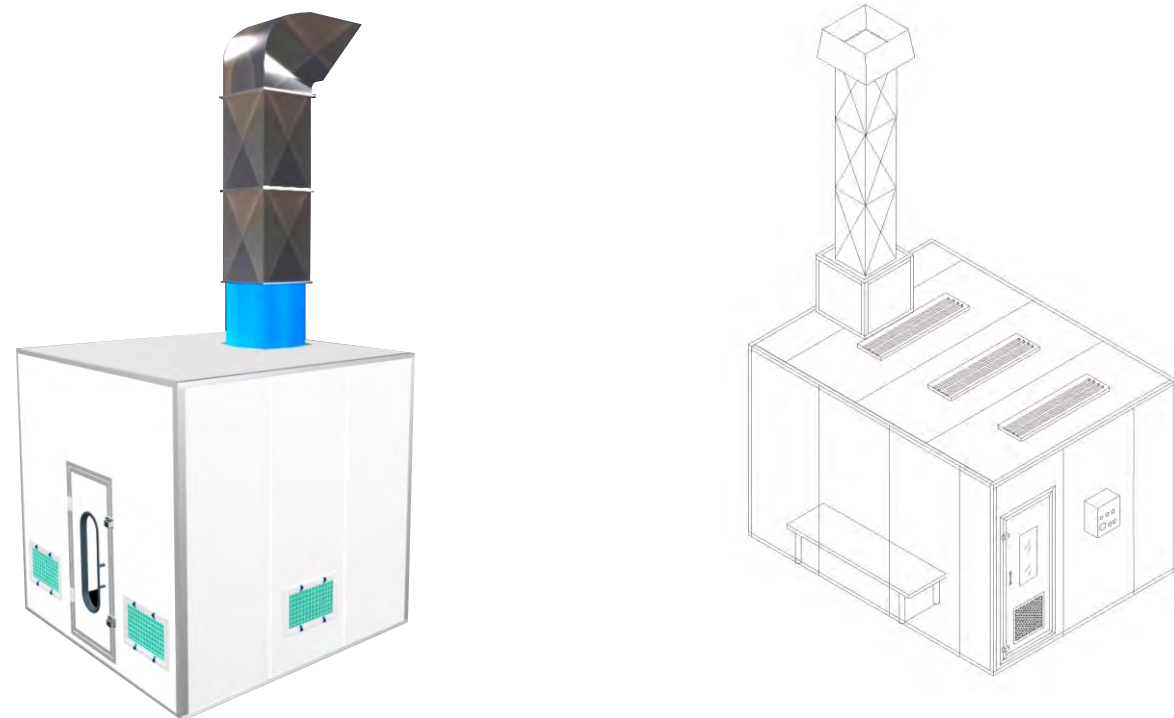
Product Image	
	
Outside Size(mm)	7603*4000*3100
Intside Size(mm)	6400*4000*2650
Total Power	6.5kw
Cabin System	PVC manual curtains around the sides and slipping on the aluminum alloy frame. Back with 50mm EPS panel, hollow steel support.
Exhausted System	5.5kw one set inner motor centrifugal fan with air volume 15400m3/h. rear exhaust ; square tube frame ; powder coated
Purification System	Ceiling filter ; glass fiber filter and active carbon.
Lighting System	Ceiling with 24pcs 16W LED lamps
2D VIEW	
	

Product Image	
	
Outside Size(mm)	7603*4000*3100
Intside Sizen(mm)	6400*4000*2650
Total Power	6.5kw
Cabin System	PVC manual curtains around the sides and slipping on the aluminum alloy frame. Back with 50mm EPS panel, hollow steel support. Basement: galvanized steel sheet and square steel pipe assembling, grid & embossed plate, two embossed steel ramps
Exhausted System	5.5kw one set inner motor centrifugal fan with air volume 15400m3/h. rear exhaust ; square tube frame ; powder coated
Purification System	Ceiling filter ; glass fiber filter and active carbon.
Lighting System	Ceiling with 24pcs 16W LED lamps
2D VIEW	
	

Product Image	
Outside Size(mm)	7603*4106*3400
Intside Size(mm)	6400*4000*2650
Total Power	6.5kw
Cabin System	Three sides with 50mm EPS panel, PVC manual curtains in front of the cabin & slipping on the aluminum alloy frame., hollow steel support. Basement: galvanized steel sheet and square steel pipe assembling, grid & embossed plate, two embossed steel ramps
Exhausted System	5.5kw one set inner motor centrifugal fan with air volume 15400m3/h. rear exhaust ; square tube frame ; powder coated
Purification System	Ceiling filter ; glass fiber filter and active carbon.
Lighting System	Ceiling with 24pcs 16W LED lamps
2D VIEW	

Product Image	
Outside Size(mm)	7603*4106*3380
Intside Size(mm)	6400*4000*2650
Total Power	9kw
Cabin System	1. Roof air plenum construction: Cold rolling bending sprayed plate; Roof Panel: Galvanized steel, Installation type: steel rope hoisting. 2. Front and two sides: PVC rolling curtain, remote control. 3. Back wallboard: EPS steel skin panel, 50mm Thick. 4. Basement: Anti-embroidered, Two Grid& Three Embossed Plate for walking platform; novel and beautiful frame; good strength, stiffness, stability and impact. 5. Ramps: Three Ramps made of 3.0mm thick embossed plate, 900mm wide.
Air Circulation System	1. The air is exhausted through the basement. 2. Centrifugal Fan Model: YDW-4.5AL1; Capacity: 12000m3/h; Pressure: 800Pa; Speed: 900rpm, 2 sets, power: 4kw/per set. One is inlet fan, the other is exhaust fan. 3. Fan Cabin: Section steel framework, assembly of coated steel plate cabin; Construction: Solid, beautiful and easy for maintenance
Air Purification system	Filtering Structure: Multi-storey fixed under the top network, no corrosion, easy to replace the filter and can capture granules larger than 5μm
Environmental System	The first floor filter under the grids can capture big granules. The second fiberglass equipped in exhaust cabin can capture rest granules
Lighting System	Ceiling Light: 6 sets*4pcs=24pcs 16w LED Lamp; Light can make the room bright and uniform. Ballasts Professional and durable
Controlling System	It is assembled by good electronic components. Main circuit has Multi-protection. Working Switch, Light Witch, Emergency Stop, Breakdown Alarm

Size can be produced with customers requirements.



Water borne System working principle

Both sides of the ceiling with 36pcs ceiling nozzles (2 sets 1.5KW motor) and two corner dryers (each dryer with one 0.18KW fan).

As environment is more and more important for people's life, now all over the world appeal that we must protect environment well, in paint industrial, most of countries must use water-based paint. Water-based paint doesn't have solvents like benzene and Dissociation TDI. The solvents of waterborne paint are water , and need large air flowing to dry when spraying.

BZB waterborne paint rapidly drying system is made up of special mute fan, air-proof air filter pipe, with multi-direction adjusting stainless nozzles. Greatly speed up the leveling of waterborne paint and baking time. It can also save energy, promote production, and clean air environment. Leveling time can be reduced up to 50%, energy saving for repair can reach 30%.



1.Spray booth Consideration

- 1. Spray booth only allowed using no risk of explosion and open flame, smoking is strictly prohibited within 10 meters of the baking room or barn outside.
- 2. Spray booth inside shall not store flammable and explosive materials.
- 3. Each time the job is completed; clean-up must be carried out to the spray booth, all the material for painting must be taken out.
- 4. The supply voltage shall not be lower than or higher than 10% of the specified voltage.
- 5. Without the approval of the manufacturer unauthorized changes all liability caused by the equipment manufacturer no responsibility.
- 6. All liability caused by the removal and tampering protection of the safety devices without authorization, the manufacturer takes no responsibility.
- 7. The device working, someone must monitor, all parking position switch must be reset after work.
- 8. Housing Mainland grille hosts the work-piece; tread plate carries only the weight of the operator, not carrying the weight of the work-piece.
- 9. The ground network and its room ground recommended weekly with a vacuum cleaner to clean once.
- 10. Spray booth with mosquitoes, should repellent drugs remove mosquito to paint operation.
- 11. The device must be operated by professionals familiar with the operation of equipment specification.
- 12. Equipment before use should open the system used in the no-load Preheat run for 20 minutes, in order to avoid adverse effects on the work-piece.

- 7. check or clean all ventilation ducts, in the case of ensuring the safety of carefully remove dirt and paint residue, a year need to overhaul more than once, otherwise the cause of the accident, the manufacturer assumes irresponsible.
- 8. Check the electrical terminals correct isolation and fastening of various high-power equipment, grounding resistance of the electrical cabinet is in line with national norms, the insulation resistance is in line with national norms need to overhaul a year more than once, otherwise the manufacturer take no responsibility.
- 9. periodically check the top of the static pressure indoor and hot air cabinet of high temperature power line (once every 8-12 months), such as the replacement of the high-temperature power cord wire aging to avoid power supply short-circuit caused the fire, or cause the product accident, the manufacturer accepts no responsibility.
- 10. Check each seal member sealing (Housing body heat occurs cabinet into the exhaust system, etc.) need to overhaul a year more than once, or the cause of the accident, the manufacturer assumes irresponsible.,
- 11. All day-to-day maintenance and periodic maintenance must be cut off the barn main power switch. 12. 3-5 months regularly check the fan bearing bracket, fan ground Block all connected components bolt tightness;, and lubrication of the moving parts.
- 13. Maintenance records check on a regular basis to replace the top cotton, cotton filter into the wind, the ground network filter cotton, exhaust cotton filter and activated carbon filter should be replaced fiber cotton and activated carbon surface the paint cotton and activated carbon.
- 14. Regular clean-up the light wallboard on the dirt and paint residue. (Once every two months)
- 15. Regularly check each instrument is working properly, the safety devices work reliably, year need to overhaul more than once.
- 16. Such as a water curtain filtering, you need to add the right amount of paint mist pool on a regular basis to coagulant regularly slag guarantee hydro recycled recycling pool.
- 17. Electronic control box power switch should be turned off when not in use for a long time not use the spray booth. And open the door every morning the ventilation one hour, to prevent the accumulation of too much moisture in the room in vivo.
- 18. Regularly clean the filter portion of the compressed air system, sewage, maintenance.Regularly check each instrument is working properly, the safety devices work reliably, need to overhaul more than once.
- 19. such as the water curtain filtering, you need to add the right amount of paint mist pool on a regular basis to coagulant, slag regularly to ensure that the recycling pool hydropower recycling.Barn is not used for a long time, turn off the power switch of the electrical control box. And open the door every morning the ventilation one hour, to prevent the accumulation of too much moisture in the room in vivo.

Spray Booth Using Life Time

Filtration system	Working Time	
Ceiling filter	400-450 working hour	
Primary ceiling filter	60-80 working hour	
Floor fiber glass filter	200 working hour	
Exhausted box filter and active carbon	80-100 Working hour	For option

2. Spray booth maintenance

- 1. Weekly check and replace the hot air cabinet at the bottom of the cycle in the return air filter cotton, not allowed to take away the hot air cabinet at the bottom of the cycle in the return air intake filter cotton unobstructed circulation back to the wind, or cause a fire, the manufacturer assumes irresponsible.
- 2. The day-to-day use to keep the spray booth clean, the intake air and exhausted air smoothly.
- 3. Can't put oil when the burner is working.
- 4. Clean the cup of burner to assure the oil tube is smoothly work.
- 5. Normal use should guarantee more than 5kgs of diesel fuel tank, an absolute ban on the use of non-diese oil
- 6. Maintenance of all parts must use parts provided by the manufacturer, or the cause of the accident, the manufacturer accepts no responsibility.

3.common faults and maintenance

faults	Main reason	Maintenance methods
The burner start 15 seconds after burner fault indicator	1. fuel tank without oil 2. Tubing joints for leakage 3. into the tubing on the filter is dirty Electric eye dirty	1. The tank filled with oil 2. Tubing reconnected 3. Cleaning filter 4. Remove the electronic control box wipe clean electric eye
Black smoke after the burner ignition	Burner suction outlet damper is too small	Big damper tune emerge until no smoke
Burner motor does not rotate	1. Timetable setting finish 2. Thermometer displayed temperature to the set temperature 3. oil pump stuck	1. Reset the time. 2. Re-set temperature. 3. Check the oil pump shaft if there is debris or diesel clamping.
Small air flowing	1. First cotton filter clogging 2. Damper is in the open state. 3. fiber cotton and activated carbon clogging	1. Cleaning each filter cotton 2. Check the damper whether action 3. Replacement fiber cotton and activated carbon
Baking increase temperature slow	Damper is not open	Check damper whether action
Main fan is not work	1. A blown fuse 2. Thermal relay from bit 3. Motor short circuit	1. Replace the fuse 2. Press the reset button 3. Replacement motor
Filtering effect is not good and When painting small exhaust volume	1. Capacity of water in the pool is too small 2. Pools miscellaneous slag serious 3. air vents damper is closed or semi-closed state	1. Injected positioning holes of fresh water until the water outflow of water so far 2. Clean pool paint residue 3. Check that the damper whether action

Bus Spray Booth Projects



Water Test Booth



Red Infared heating booth



Painting Line



Sheet Metal Painting Line



Working Platform



Prep Station



Exhibition Booth

