

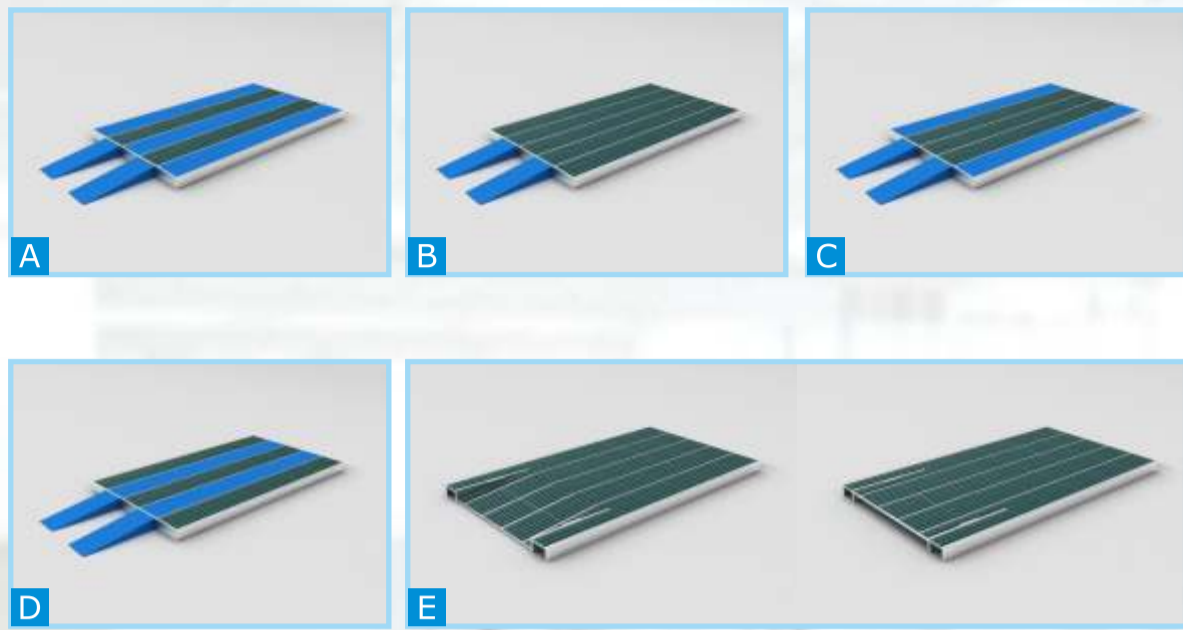
Guangzhou Yoki Machinery Import & Export Co., Ltd
Room 615-617, Building Baiyun Shiguang, No. 1630, Jichang Road, Baiyun District, Guangzhou City, China.
Post Code: 510410
Tel: 0086-20-87468668
Fax: 0086-20-87468221
E-mail: yokistar@yokistar.com
www.yokistarspraybooth.com



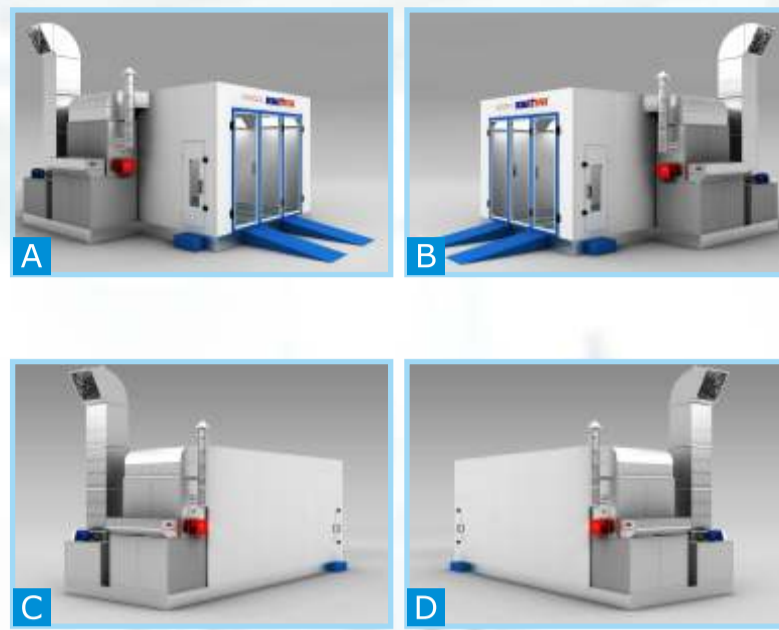
2017

Product Catalogue

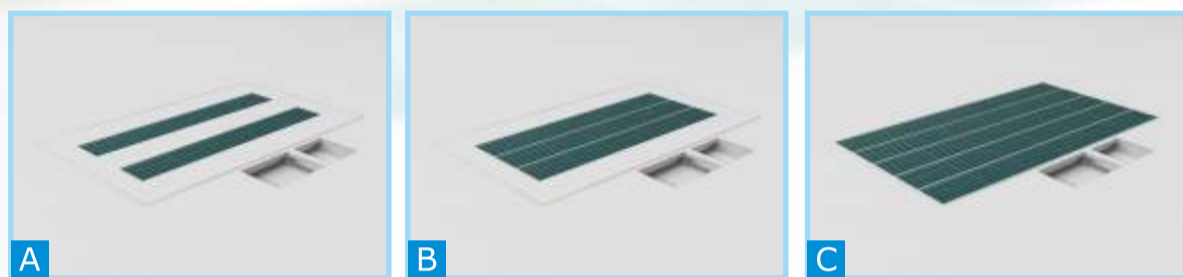
Basement Arrangement



Air Units Position



Pits Arrangement



Custom design of spray booth is the biggest advantage of YOKISTAR.

For any other design of Basement, Pits and Air Units, please ask our sales representative for more details.

YOKISTAR®

CE IMA A BVQI ISO9001:2008
通过ISO9001:2008质量体系认证

Guangzhou YOKI Machinery Import&Export Co.,Ltd(hereinafter referred to as "YOKISTAR") is a manufacturer located in Guangzhou, China. Founded in 2007, YOKISTAR gradually developed into an international company which is recognized for providing responsible technologies, high-quality products, great after-sales service, wide distribution network together with high levels of customer service and satisfaction.

● YOKISTAR Products Application

YOKISTAR continues to manufacture spray booths and finishing systems for all applications including Automotive, Industrial, Aerospace Finishing, Furniture/Wood Finishing, and General Manufacturing.

● YOKISTAR Service

I. Pre-Sale Service: Fast Reply for enquiries within 24 hours; Answers Offer for All Questions within 24 hours; Clear and Accessible Technical Documents; Shipment Solution Available.

II. In-Sale Service: Timely Information Updates for Production; Quality Control in Whole Production Process; Fast Production Arrangement if Necessary.

III. After-Sale Service: Complete Supportive Documents (Installation Drawing, User Manual, Filter-Replacement Instruction); Paid Engineers' On-Site Installation Instruction; 24 Months Warranty; Lifelong Operation and Maintenance Consultation.

YOKISTAR are constantly planning, innovating and improving. All YOKISTAR members make concerted efforts to elevate quality control standards, ensure the best service for customers for business over the long run. To be a market leader and maximize customers' profits is the relentless pursuit of YOKISTAR.



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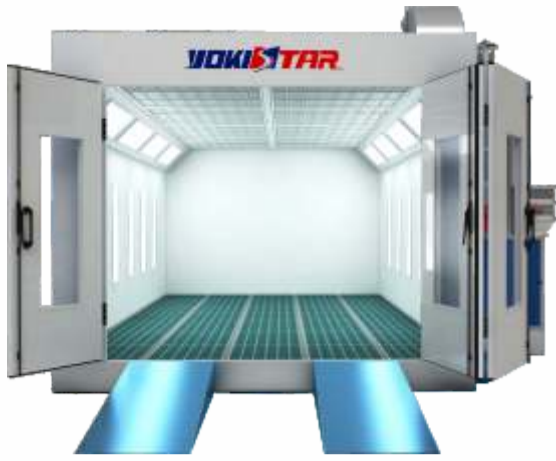
17 *OVERHEAD MOVABLE INFRARED LAMP CURING SYSTRM*

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Note:





Ojade-O



Ojade-B



Ojade-T

Inside Size: 6,900×3,900×2,650mm(L×W×H)
 Outside Size: 7,000×5,350×3,400mm(L×W×H)

Different Points

Part Name	Ojade-O	Ojade-B	Ojade-T
Motor and Fan (Makeup Air Units)	Motor type: inside of the fan ; qty.:2pcs; Single motor power:4KW, total power:8KW ; Fan type: double intake centrifugal fan, YDW-4.5L, total air capacity: 25,000m³/h.	Motor type: belt drive ; qty.:2pcs; Single motor power:4KW, total power:8KW ; Fan type: double intake centrifugal fan, TAE-400-H, total air capacity: 25,000m³/h.	Motor type: direct drive ; qty.:1pc; Single motor power:7.5KW, total power:7.5KW ; Fan type: single intake turbo fan, total air capacity: 25,000m³/h.
Motor and Fan (Exhaust Air Units)	Motor type: inside of the fan ; qty.:1pc; Single motor power:7.5KW, total power:7.5KW ; Fan type: double intake centrifugal fan, YDW-5.6M, total air capacity: 20,000m³/h.	Motor type: belt drive ; qty.:1pc; Single motor power:7.5KW, total power:7.5KW ; Fan type: double intake centrifugal fan, TAE-450-H, total air capacity: 20,000m³/h.	Motor type: direct drive ; qty.:1pc; Single motor power:7.5KW, total power:7.5KW ; Fan type: single intake turbo fan, total air capacity: 25,000m³/h.
Exhaust Air Filtering	Fiberglass filter, G3 Grade(EN779),type is PA-50 . Granular Active Carbon (KC-8.0) in "M" Shape Filter Frame.		Fiberglass filter, G3 Grade(EN779),type is PA-50 . Active Carbon Filter in "Pocket" Shape, F5 Grade(EN779),type is C16-200.

Basement

- Floor Arrangement: **Full grilles** made of 30x4mm flat bar and 10mm twisted steel, surface galvanised. Loading weight is 600KG/wheel, equipped with floor filter supporting frame. **2 ramps**, each size is **750x2,000mm(WxL)**.
- Covered Plate: Made of bended galvanised steel, 300mm high.
- Supporting Frame: Made of galvanised square steel tube with 40x80mm(WxL) size.
- Floor Filter: Fiberglass filter laid on the filter frame,G3 Grade(EN779), filtering area: 26.91M².

Cabin

- Entrance Door: 3-leaf,size is **3,000x2,600mm(WxH)**, made of bended steel without covered edge,with tempered glass embedded into square frame made of color steel.
- Personnel Door: 1 unit, size is **700x2,000mm(WxH)**,with tempered glass embedded into square frame made of color steel.
- Wall Panel: 50mm thick and **1,000mm wide**,insulation is EPS and covered by **0.426mm** thick of color steel. Tongue and groove interlock structure,**two sides covered by steel**.
- Roof Panel: Made of 0.6mm thick bended galvanised plate.
- Ceiling Light : **10 fixtures** are on left and right upper position. **4 PHILIPS fluorescent tubes** of 36 Watt with two in one electronic ballast. **Total 40pcs tubes**.
- Side Light: **10 fixtures** are on left and right wall panel. **2 PHILIPS fluorescent tubes** of 36 Watt with two in one electronic ballast. **Total 20pcs tubes**.
- Plenum: 450mm high, all spare parts of plenum are made of galvanised bended steel and treated by white powder for long using life.
- Ceiling Filter: Supporting net is made of aluminium steel,sub-high efficiency filter,F5 Grade(EN779),type is SP-600G.

Makeup Air Units

- Cabinet Frame: Made of 1.5mm thick bended galvanised steel,aluminium alloy three way connector.
- Makeup Air Control: **by Belimo NMU230 10N actuator** or **hand damper(Ojade-T)** to control fresh air quantity.
- Pneumatic Actuator: To control the air valve be opened or closed while the working status is spraying or baking.
- Heating System: **200KW heat exchanger** made of 1.5mm stainless steel 1Gr18Ni9Ti(SUS304),with round type multi-cycle radiator pipe,equipped with safe anti-explosion hole. **Riello RG55 diesel burner**, heating productivity is **260,000Kcal/H**. 1M stainless steel chimney, 3M long bended galvanised steel chimney and 2pcs of elbow chimney.
- Filtering : Pre-filter, G3 Grade(EN779).

Exhaust Air Units

- Cabinet Frame: Made of 1.5mm thick bended galvanised steel,aluminium alloy three way connector.
- Exhaust Air Control: Handed damper for controlling the air quantity. Equipped with 4M straight duct, 1pc 90° elbow duct and 1pc 30° elbow duct.

Control System

- Pressure Gauge, Temperature Controller, Baking Timer, Hours, Spray Indicator, Heat Spray Indicator, Bake Indicator, Failure Indicator, Left Light Indicator, Right Light Indicator, Spray Switch, Heat Spraying Switch, Bake Switch, Left Light Switch, Right Light Switch, Power Indicator, Start Switch, Power Switch, Emergency Stop.



Inside Size: 6,900×3,900×2,650mm(L×W×H)
 Outside Size: 7,000×5,350×3,400mm(L×W×H)



Yubase-O



Yubase-B



Yubase-T

Different Points

Part Name	Yubase-O	Yubase-B	Yubase-T
Motor and Fan (Makeup Air Unit)	Motor type: inside of the fan ; qty.:2pcs; Single motor power:3KW, total power:6KW ; Fan type: double intake centrifugal fan, YDW-4.5M, total air capacity: 21,000m³/h.	Motor type: belt drive ; qty.:2pcs; Single motor power:3KW, total power:6KW ; Fan type: double intake centrifugal fan, TAE-355-H, total air capacity: 21,000m³/h.	Motor: direct drive type ; qty.:1pc; Single motor power:7.5KW, total power:7.5KW ; Fan type: single intake turbo fan, total air capacity: 25,000m³/h

Basement

- Floor Arrangement: **2 rows of grilles** made of 30x4mm flat bar and 10mm twisted steel, surface galvanised. Loading weight is 600KG/wheel, equipped with floor filter supporting frame.
3 rows of indented plate with surface painted treatment.
2 ramps, each size is **520x2,000mm(WxL)**.
- Covered Plate: Made of bended galvanised steel, 300mm high.
- Supporting Frame: Made of galvanised square steel tube with 40x80mm(WxL) size.
- Floor Filter: Fiberglass filter laid on the filter frame,G3 Grade(EN779), filtering area: 10.35M².

Cabin

- Entrance Door: 3-leaf,**size is 3,000x2,600mm(WxH)**, made of bended steel without covered edge,with tempered glass embedded into square frame made of color steel.
- Personnel Door: 1 unit, size is **700x2,000mm(WxH)**,with tempered glass .
- Wall Panel: 50mm thick and **1,000mm wide**,insulation is EPS and covered by 0.326mm thick of color steel.Tongue and groove interlock structure,**two sides covered by steel**.
- Roof Panel: Made of 0.6mm thick bended galvanised plate.
- Ceiling Light : **10 fixtures** are on left and right upper position. **4 PHILIPS fluorescent tubes** of 36 Watt with two in one electronic ballast. **Total 40pcs tubes**.
- Plenum: 450mm high, all spare parts of plenum are made of galvanised bended steel and treated by white powder for long using life.
- Ceiling Filter: Supporting net is made of alluminium steel,sub-high efficiency filter,F5 Grade(EN779),type is SP-600G.

Makeup Air Units

- Cabinet Frame: Made of 1.5mm thick bended galvanised steel,alluminium alloy three way connector.
- Makeup Air Control: **by Belimo NMU230 10N actuator or hand damper(Yubase-T)** to control fresh air quantity.
- Pneumatic Actuator: To control the air valve be opened or closed while the working status is spraying or baking.
- Heating System: **200KW heat exchanger** made of 1.5mm stainless steel 1Gr18Ni9Ti(SUS304),with round type multi-cycle radiatorpipe,equipped with safe anti-explosion hole. **Riello G20 diesel burner**, heating productivity is **200,000Kcal/H**. 1M stainless steel chimney, 3M long bended galvanised steel chimney and 2pcs of elbow chimney.
- Filtering : Pre-filter, G3 Grade(EN779).

Exhaust Air Units

- without the unit made of motor and fan. Equipped with 4M straight duct, 1pc 90° elbow duct and 1pc 30° elbow duct.

Control System

- Pressure Gauge, Temperature Controller, Baking Timer, Hours, Spray Indicator, Heat Spray Indicator, Bake Indicator, Failure Indicator, Left Light Indicator, Right Light Indicator, Spray Switch, Heat Spraying Switch, Bake Switch, Left Light Switch, Right Light Switch, Power Indicator, Start Switch, Power Switch, Emergency Stop.



Kalux-O



Kalux-B



Kalux-T

Inside Size: 6,900×3,900×2,650mm(L×W×H)
 Outside Size: 7,000×5,350×3,400mm(L×W×H)

Different Points

Part Name	Kalux-O	Kalux-B	Kalux-T
Motor and Fan (Makeup Air Units)	Motor type: inside of the fan ; qty.:1pc; Single motor power:7.5KW, total power:7.5KW ; Fan type: double intake centrifugal fan, YDW-5.6M, total air capacity: 20,000m³/h.	Motor type: belt drive ; qty.:2pcs; Single motor power:4KW, total power:8KW ; Fan type: double intake centrifugal fan, TAE-400-H, total air capacity: 25,000m³/h.	Motor type: direct drive ; qty.:1pc; Single motor power:7.5KW, total power:7.5KW ; Fan type: single intake turbo fan, total air capacity: 25,000m³/h.
Motor and Fan (Exhaust Air Units)	Motor type: inside of the fan ; qty.:1pc; Single motor power:7.5KW, total power:7.5KW ; Fan type: double intake centrifugal fan, YDW-5.6M, total air capacity: 20,000m³/h.	Motor type: belt drive ; qty.:1pc; Single motor power:7.5KW, total power:7.5KW ; Fan type: double intake centrifugal fan, TAE-560-H, total air capacity: 25,000m³/h.	Motor type: direct drive ; qty.:1pc; Single motor power:7.5KW, total power:7.5KW ; Fan type: single intake turbo fan, total air capacity: 25,000m³/h.
Exhaust Air Filtering	Fiberglass filter, G3 Grade(EN779),type is PA-50 . Granular Active Carbon (KC-8.0) in "M" Shape Filter Frame.	Fiberglass filter, G3 Grade(EN779),type is PA-50 . Granular Active Carbon in "Column" Shape Filter Frame.	Active Carbon Filter in "Pocket" Shape, F5 Grade(EN779),type is C16-200(Kalux-T).

Basement

- Floor Arrangement: **Full grilles** made of 30x4mm flat bar and 10mm twisted steel, surface galvanised.Loading weight is 600KG/wheel, equipped with floor filter supporting frame.**Full ramp** is made of grilles which size is 3,000x2,000mm(WxL).
- Covered Plate: Made of bended galvanised steel, 300mm high.
- Supporting Frame: Made of galvanised square steel tube with 40x80mm(WxL) size.
- Floor Filter: Fiberglass filter laid on the filter frame,G3 Grade(EN779), filtering area: 26.91M².

Cabin

- Entrance Door: **4-leaf,size is 3,200x2,600mm(WxH)**, made of bended steel without covered edge,with tempered glass embedded into square frame made of color steel, equipped with one set of pressure lock.
- Personnel Door: 1 unit, size is 700x2,000mm(WxH),with tempered glass embedded into square frame made of color steel.
- Wall Panel: 50mm thick and **1,000mm wide**,insulation is EPS and covered by **0.6mm** thick of color steel.Tongue and groove interlock structure,**two sides covered by steel.**
- Roof Panel: Made of 0.6mm thick bended galvanised plate.
- Ceiling Light : **10 fixtures** are on left and right upper position. **4 PHILIPS fluorescent tubes** of 36 Watt with two in one electronic ballast.**Total 40pcs tubes.**
- Side Light: **10 fixtures** are on left and right wall panel. **4 PHILIPS fluorescent tubes** of 36 Watt with two in one electronic ballast.**Total 40pcs tubes.**
- Plenum: 450mm high, all spare parts of plenum are made of galvanised bended steel and treated by white powder for long using life.
- Ceiling Filter: Supporting net is made of alluminium steel,sub-high efficiency filter,F5 Grade(EN779),type is SP-600G.

Makeup Air Units

- Cabinet Frame: Made of 1.5mm thick bended galvanised steel,alluminium alloy three way connector.
- Makeup Air Control: **by Belimo NMU230 10N actuator or handed damper(Kalux-T)** to control fresh air quantity.
- Pneumatic Actuator: To control the air valve be opened or closed while the working status is spraying or baking.
- Heating System: **232KW heat exchanger** made of 1.5mm stainless steel 1Gr18Ni9Ti(SUS304),with round type multi-cycle radiator pipe,equipped with safe anti-explosion hole. **Riello RG55 diesel burner**, heating productivity is **260,000Kcal/H.** 1M stainless steel chimney, 3M long bended galvanised steel chimney and 2pcs of elbow chimney.
- Filtering : Pre-filter, G3 Grade(EN779).

Exhaust Air Units

- Cabinet Frame: Made of 1.5mm thick bended galvanised steel,alluminium alloy three way connector.
- Exhaust Air Control: **by Belimo NMU230 10N actuator** to control air valve be opened or closed. Equipped with 4M straight duct, 1pc 90° elbow duct and 1pc 30° elbow duct.

Control System

- Pressure Gauge, Temperature Controller, Baking Timer, Hours, Spray Indicator, Heat Spray Indicator, Bake Indicator, Failure Indicator, Left Light Indicator, Right Light Indicator, Spray Switch, Heat Spraying Switch, Bake Switch, Left Light Switch, Right Light Switch, Power Indicator, Start Switch, Power Switch, Emergency Stop.

REAL CASE

Moveable Paint Hanger

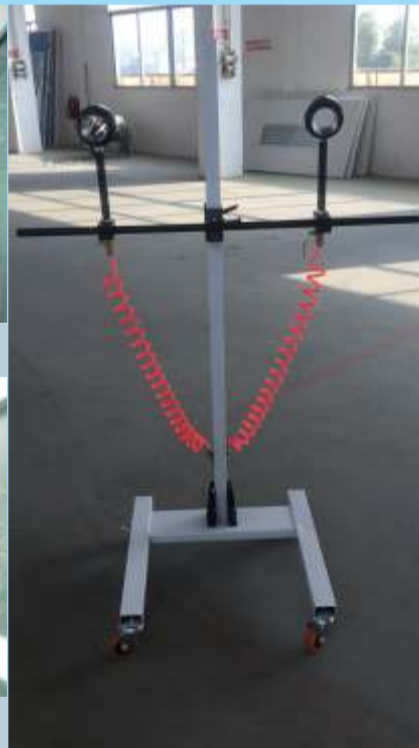


Inside Air Bag Ramp

Waterborne Paint Drying System



YS-WB1 YS-WB2



These are designed for **brand new** spray booth.



YS-WB3 YS-WB4



These two models are designed for **existing** spray booth.

Independent ceiling fans and blower system makes it much more reliable and generally draw filtered and heated air from the paint booth.





LED Lights
 Ideal energy saving choice for existing fluorescent light. Easy to replace; installation way is totally same as original fluorescent light.



Explosion-Proof Light Fixture



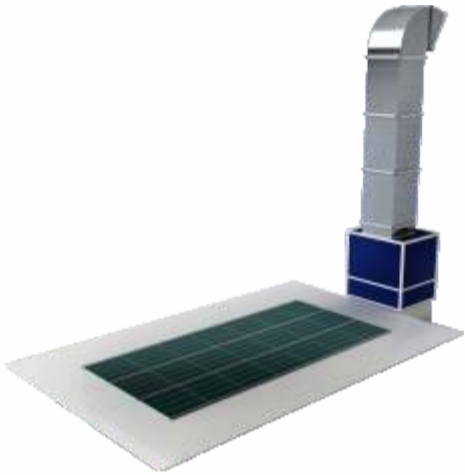
Heat Recovery Unit

Once heat recovery unit is installed on exhaust air units of spray booth, the waste heated air will be recovered to preheat fresh air. This heat exchange core inside heat recovery unit increases the temperature of initial air before entry of heat unit for energy saving.

YS-PRS Series

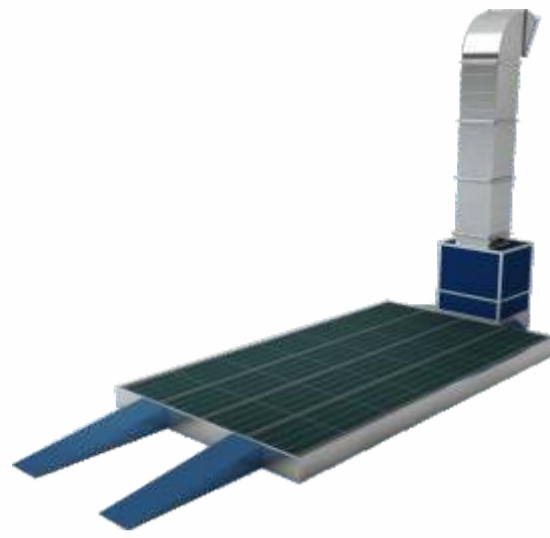


YS-PRS-R
air exhausted by rear cabinet



YS-PRS-G
air exhausted by pits

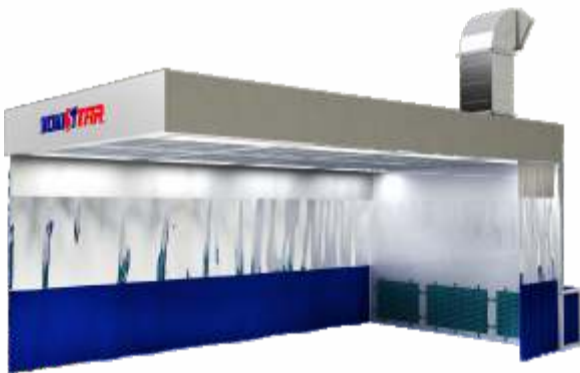
PREPARATION STATION



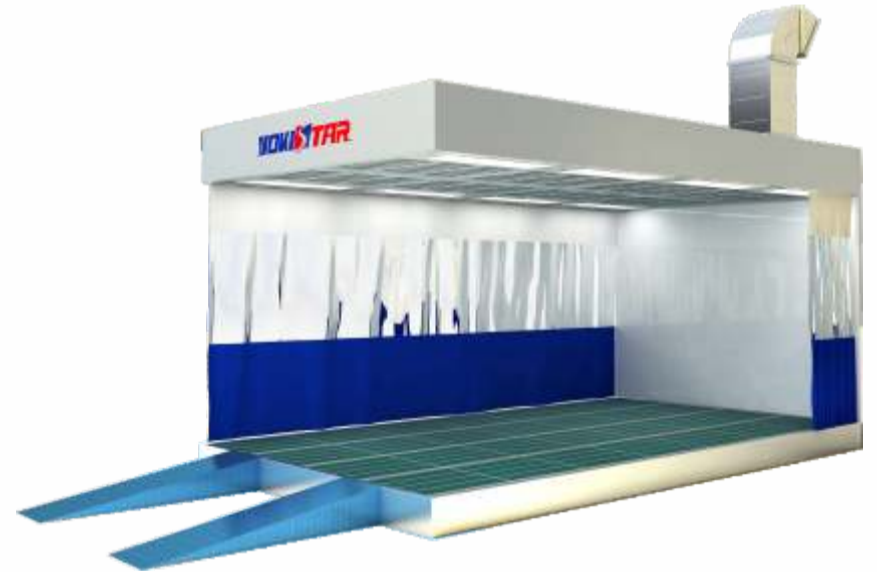
YS-PRS-B
air exhausted by basement

- ◆ 4KW belt drive motor
- ◆ Double intake centrifugal fan
- ◆ Air capacity: 15,000m³/h
- ◆ Air controlled by handed damper
- ◆ Control Panel: motor ON/OFF, Emergency STOP

YS-PRP Series



YS-PRP-R
air exhausted by rear cabinet



YS-PRP-B
air exhausted by basement



YS-PRP-G
air exhausted by pits

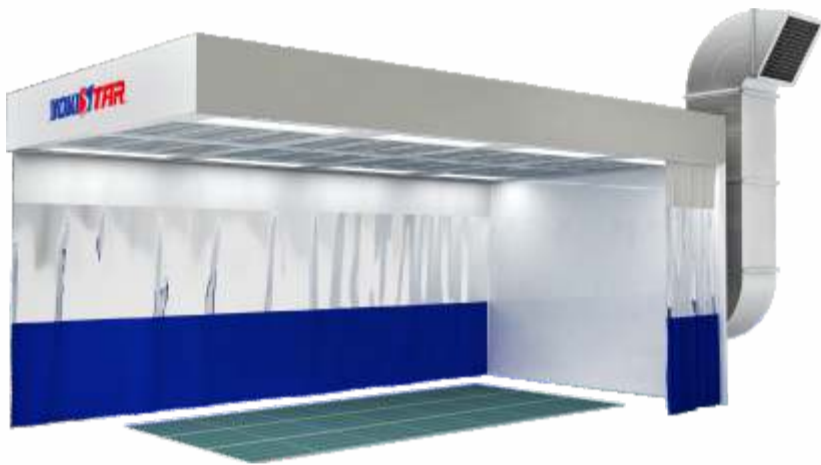
- ◆ Inside Size: 6,300x3,450x2,700mm(LxWxH)
- ◆ Filtering plenum with 400mm height.
- ◆ 8 flat light fixtures with 4pcs 36w Philips light, total 32pcs.
- ◆ PVC curtains and rear galvanized steel panel.
- ◆ Fiberglass filter and 'M' frame dry filter.
- ◆ 4KW belt drive motor and double intake centrifugal fan
Air capacity: 15,000 m³/h
- ◆ Belimo NMU230 10N electric damper for air cycle.
- ◆ Control Panel: Motor ON/OFF, Light ON/OFF, Air Controlling, Emergency STOP

YS-PRI Series

With Make Up Air Unit and Exhaust Air Unit

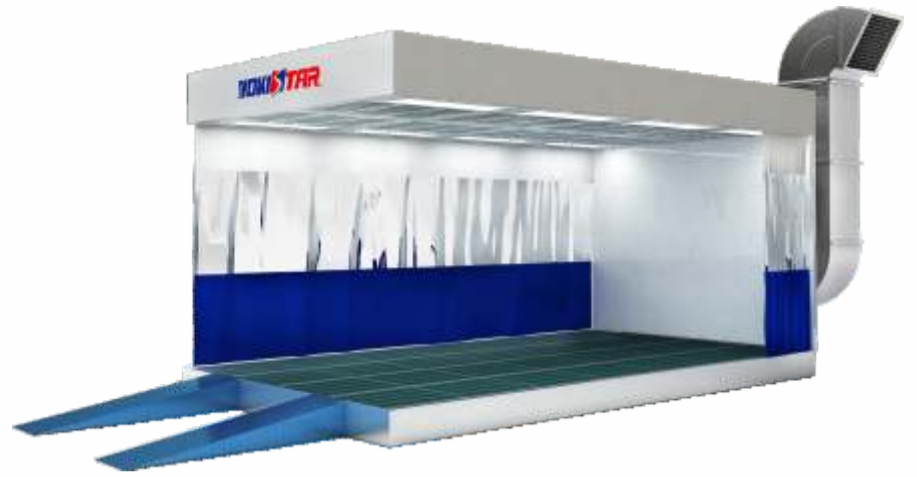


YS-PRI-R
air exhausted by rear cabinet



YS-PRI-G
air exhausted by pits

PREPARATION STATION

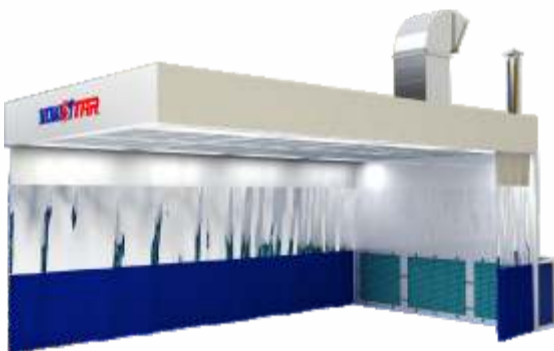


YS-PRI-B
air exhausted by basement

- ◆ Inside Size: 6,300x3,450x2,700mm(LxWxH)
- ◆ Filtering plenum with 400mm height.
- ◆ 8 flat light fixtures with 4pcs 36w Philips light, total 32pcs.
- ◆ PVC curtains and rear galvanized steel panel.
- ◆ Fiberglass filter and 'M' frame dry filter.
- ◆ Make Up Air Unit: **4KW belt drive** motor and double intake centrifugal fan; Air capacity: 15,000 m³/h; Handed damper for controlling fresh air quality.
- ◆ Exhaust Air Unit: **4KW belt drive** motor and double intake centrifugal fan; Air capacity: 15,000 m³/h; Handed damper for controlling exhaust air quality.
- ◆ Control Panel: Motor ON/OFF, Light ON/OFF, Air Controlling, Emergency STOP

YS-PRH Series

With Heating



YS-PRH-R
air exhausted by rear cabinet



YS-PRH-G
air exhausted by pits



YS-PRH-B
air exhausted by basement

- ◆ Inside Size: 6,300x3,450x2,700mm(LxWxH)
- ◆ Filtering plenum with 400mm height.
- ◆ 8 flat light fixtures with 4pcs 36w Philips light, total 32pcs.
- ◆ PVC curtains and rear galvanized steel panel.
- ◆ Fiberglass filter and 'M' frame dry filter.
- ◆ Riello G10 diesel burner, heating productivity is 100,000 Kcal/H.
- ◆ 180KW stainless steel 1Gr18Ni9Ti(SUS304) heat exchanger.
- ◆ Make Up Air Unit: **5.5KW inner motor** and double intake centrifugal fan; Air capacity: 15,500 m³/h; Handed damper for controlling fresh air quality.
- ◆ Exhaust Air Unit: **5.5KW inner motor** and double intake centrifugal fan; Air capacity: 15,500 m³/h; Handed damper for controlling exhaust air quality.
- ◆ Control Panel: Temperature Controller, Hours, Normal/Heating Temperature Sanding Switch, Burner Failure, Power Switch, Motor ON/OFF, Left Light Switch, Right Light Switch, Emergency STOP

YS-PRT Series

Two in One

PREPARATION STATION



YS-PRT-R
air exhausted by rear cabinet



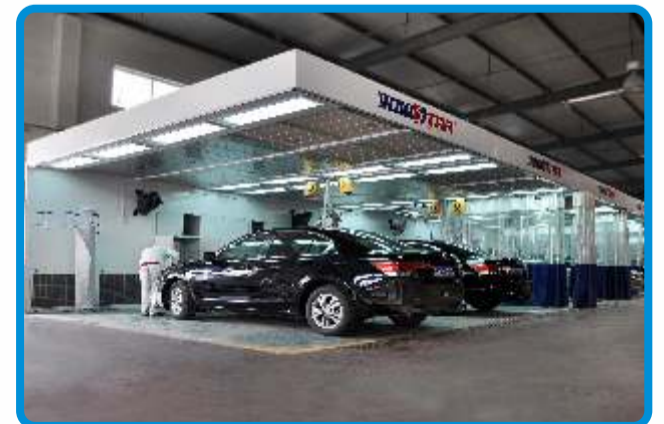
YS-PRT-B
air exhausted by basement



YS-PRT-G
air exhausted by pits

- ◆ Inside Size: 6,300x3,450x2,700mm(LxWxH)
- ◆ Filtering plenum with 400mm height.
- ◆ 16 flat light fixtures with 4pcs 36w Philips light, total 32pcs.
- ◆ PVC curtains and rear galvanized steel panel.
- ◆ Fiberglass filter and 'M' frame dry filter.
- ◆ 7.5KW belt drive motor and double intake centrifugal fan
Air capacity: 25,000 m³/h
- ◆ Belimo NMU230 10N electric damper for air cycle.
- ◆ Control Panel: A Light, Power Indicator, Fan Running Indicator, B Light, A Running Switch, Power Switch, B Running Switch, Emergency Stop, A Air Controller, B Air Controller.

Real Case



TRUCK AND BUS SPRAY BOOTH



Air exhausted by pits



Air exhausted by two side walls



Air exhausted by single side wall



Air exhausted by rear wall

Model No.	Length (mm)	Width (mm)	Height (mm)	Entrance Door (mm)
YS-TB9	9,200	4,500	3,500	Folding Door (3,600Wx3,400H)
YS-TB12	12,000	4,500	4,000	Electric Shutter (3,600Wx3,800H)
YS-TB15	15,000	5,000	5,000	Electric Shutter (4,000Wx4,600H)
YS-TB18	18,000	5,000	5,000	Electric Shutter (4,000Wx4,600H)
YS-TB20	20,000	5,000	5,000	Electric Shutter (4,000Wx4,600H)
YS-TB23	23,000	5,000	5,000	Electric Shutter (4,000Wx4,600H)

Cabin

- Entrance Door: **4-leaf folding door** is made of bended steel and with EPS insulation for YS-TB9. **Electric shutter** is made of aluminium alloy with PU insulation for YS-TB12,YS-TB15,YS-TB18,YS-TB20,YS-TB23
- Personnel Door: 800x2000mm (WxH) with square viewing tempered glass window.
- Ceiling Light: Philips fluorescent tubes, 36W with two in one electronic ballast. (Side Light)
- Plenum: 600mm high, cross beam and longitude beam of plenum are made of galvanised bended steel and treated by white powder for long using life.
- Wall Panel: 70mm thick and 1150mm wide, insulation is EPS and covered by 0.426mm thick of color steel inside and outside. Tongue and groove interlock structure.
- Roof Panel: 50mm thick and 1150mm wide, insulation is EPS.

Control System

- Spraying, Heat Spraying, Baking, Baking Time Setting, Light Switch, Failure Indicator, Temperature Controller, Power Switch, Emergency Stop, Hour Meter ,Temperature Limiter, Ampere Meter, Voltmeter, Pressure Gauge, Pressure Alarm, Air Exhaust Reduced-Voltage Starter.

Filtering System:

- Floor Filter: Fiberglass filter,G3 Grade(EN779), model is PA-50, filtering area: 24.5M².
- Ceiling Filter: Supporting net is made of C shape steel with surface painted treatment, sub-high efficiency filter, F5 Grade(EN779), type is SP-600G.
- Makeup Air Filter: Pocket pre-filter , G3 Grade(EN779),type is C16-300.
- Exhaust Air Filter: Fiberglass filter, G3 Grade(EN779),type is PA-50; Granular Active Carbon in "M" Shape Filter Frame.



TRUCK AND BUS SPRAY BOOTH

Makeup Air and Exhaust Air Unit

Model No.	Makeup Air			Exhaust Air		
	Motor and Fan for one unit	Unit	Total	Motor and Fan for one unit	Unit	Total
YS-TB9	2x7.5kw motor inside of the fan, double intake centrifugal fan with 40,000m ³ /h air capacity.	1	2 motors, 15KW power, 40,000m ³ /h air capacity.	1x11KW belt drive motor, double intake centrifugal fan with 36,000 m ³ /h air capacity.	1	1 motor, 11KW power, 36,000m ³ /h air capacity.
YS-TB12	2x5.5kw motor inside of the fan, double intake centrifugal fan with 31,000m ³ /h air capacity.	2	4 motors, 22KW power, 62,000m ³ /h air capacity.	1x7.5KW belt drive motor, double intake centrifugal fan with 25,000 m ³ /h air capacity.	2	2 motors, 15KW power, 50,000m ³ /h air capacity.
YS-TB15	2x7.5kw motor inside of the fan, double intake centrifugal fan with 40,000m ³ /h air capacity.	2	4 motors, 30KW power, 80,000m ³ /h air capacity.	1x11KW belt drive motor, double intake centrifugal fan with 28,000 m ³ /h air capacity.	2	2 motors, 22KW power, 56,000m ³ /h air capacity.
YS-TB18	2x5.5kw motor inside of the fan, double intake centrifugal fan with 31,000m ³ /h air capacity.	3	6 motors, 33KW power, 93,000m ³ /h air capacity.	1x11KW belt drive motor, double intake centrifugal fan with 28,000 m ³ /h air capacity.	3	3 motors, 33KW power, 84,000m ³ /h air capacity.
YS-TB20	2x7.5kw motor inside of the fan, double intake centrifugal fan with 40,000m ³ /h air capacity.	3	6 motors, 33KW power, 126,000m ³ /h air capacity.	1x11KW belt drive motor, double intake centrifugal fan with 36,000 m ³ /h air capacity.	2	3 motors, 33KW power, 108,000m ³ /h air capacity.
YS-TB23	2x7.5kw motor inside of the fan, double intake centrifugal fan with 40,000m ³ /h air capacity.	3	6 motors, 33KW power, 126,000m ³ /h air capacity.	1x11KW belt drive motor, double intake centrifugal fan with 36,000 m ³ /h air capacity.	3	3 motors, 33KW power, 108,000m ³ /h air capacity.

- ◆ Cabinet Materials: made of 50x50mm size galvanised square tube, with PU insulation inside (for heating cabinet) and EPS insulation inside (for exhaust cabinet).
- ◆ Makeup Air Control: by Belimo NUM230 10N electric actuator to control fresh air quantity/pressure.
- ◆ Pneumatic Actuator: to control the air valve be opened or closed while the working status is spraying or baking.
- ◆ Heat Exchanger: single heat exchanger power: 232KW, made of 1.5mm stainless steel 1Gr18Ni9Ti(SUS304), with round type multi-cycle radiatorpipe, equipped with safe anti-explosion hole.

- ◆ Burner: Riello RG5S diesel burner, heating productivity is 260,000Kcal/H. 1m stainless steel chimney, 3m bended galvanised steel chimney and 2pcs elbow chimney.
- ◆ Exhaust Air Control: Handed damper for controlling VCD air valve be opened or closed.
- ◆ Exhaust Air Duct: 4M straight duct(1,000x1,000x1,000mm LxWxH), 1pc 90°elbow duct, 1pc 30° elbow duct.

INDUSTRIAL 3-AXIS PLATFORM LIFT

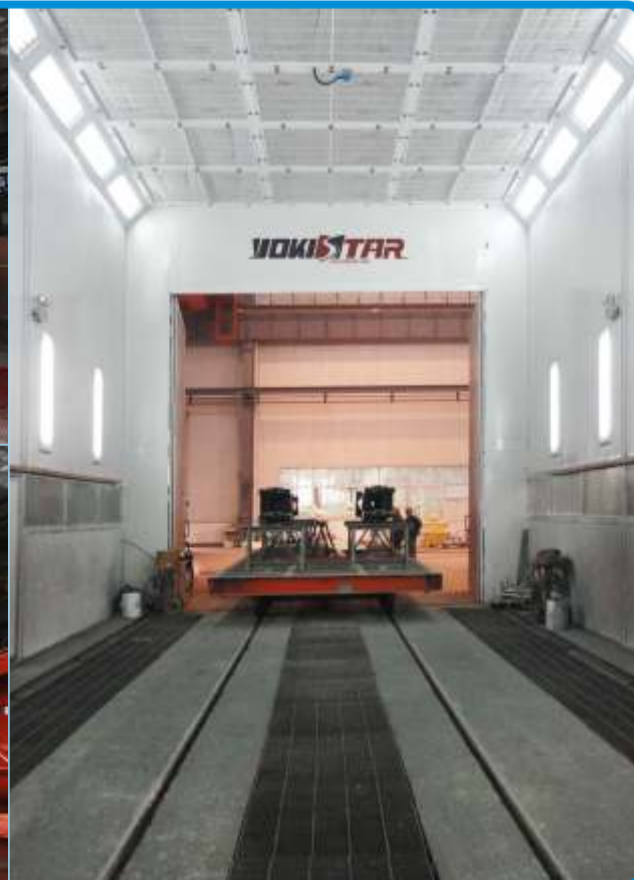
- ◆ Horizontal movement (X-axis) of the personnel lift.
- ◆ Vertical movement (Z-axis) of the basket.
- ◆ Movement in and out of the basket (Y-axis).
- ◆ *The size can be customized according to different sizes of spray booths.*

General Specification

- ◆ Payload: 300kg
- ◆ Dimension of Basket: 900x650x900mm (LxWxH)
- ◆ Working Height: 550mm~3,000mm from floor
- ◆ Extension Distance: 500mm
- ◆ Upper Rail: 10[#] channel steel, welded on the column of the spray booth, 3,600mm from floor.
- ◆ Lower Rail: 12 kg/m light rail, welded on the steel plates embedded in the ground.
- ◆ Noise Under Working: ≤70db
- ◆ Temperature Under Working: -15 °C ~60 °C
- ◆ Working Voltage of Button: 36 V/AC
- ◆ Total Power: 3 kw



REAL CASE

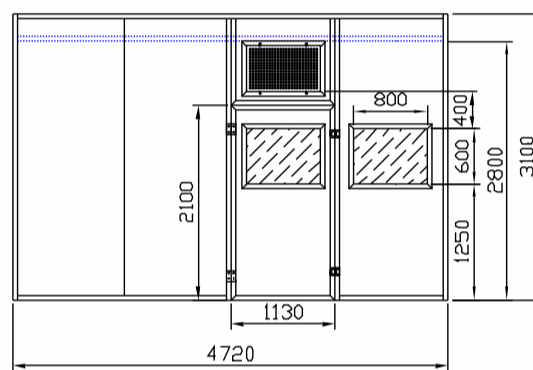
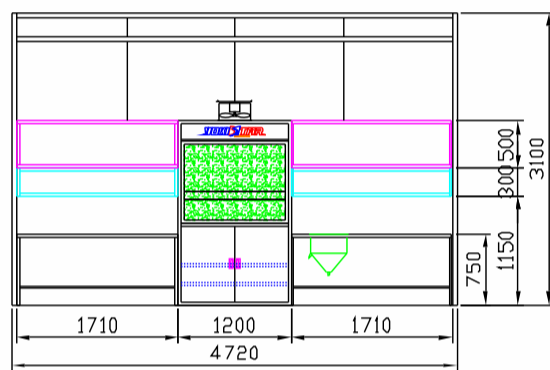


PAIN MIXING ROOM



Paint Mixing Room is provided for the paint storage and paint mixing. A well-designed ventilation system can pull away the harmful vapors from the workers and provide high quality air in the room.

The Paint Mixing Bench can be manufactured by us either. It is connected to the paint mixing room ventilation system to remove hazardous gas quickly. The sink is designed for cleaning the spray gun and storage cabinet is provided for storing paint consumables.



Model No.	Length (mm)	Width (mm)	Height (mm)
YS-M1	2,030	1,930	2,500
YS-M2	3,030	1,930	2,500
YS-M3	4,530	2,430	2,500
YS-M4	5,530	2,430	2,500

- Size can be customized.
- EPS wall panel.
- Explosion-proof motor and axial fan.
- Intake from front door, exhaust from rear wall panel.
- Ideal Illumination.
- Simple electric control panel.

INDUSTRIAL PAINT BOOTH



YS-PB1



YS-PB2



YS-PB3



YS-PB4

Model No.	Length (mm)	Width (mm)	Height (mm)	Air Draft Way	Makeup Air	Exhaust Air	Light
YS-PB1	8,000	3,900	2,700	Cross Draft	Fresh air comes into the cabin from front door naturally.	Air is extracted by rear wall.	Ceiling Light: 10 fixtures, 4pcs for each. Side Light: 6 fixtures, 4pcs for each.
YS-PB2	8,080	3,940	2,700	Side Down Draft	Fresh air comes into the cabin from roof filter frame naturally.	Air is extracted by two side walls.	Ceiling Light: 10 fixtures, 4pcs for each. Side Light: 6 fixtures, 4pcs for each.
YS-PB3	8,000	3,900	2,700	Semi Down Draft	Fresh air comes into the cabin from first half roof naturally.	Air is exhausted by rear wall.	Ceiling Light: 10 fixtures, 4pcs for each. Side Light: 6 fixtures, 4pcs for each.
YS-PB4	8,000	3,900	2,700	Semi Down Draft	Fresh air comes into the cabin from first half roof naturally.	Air is exhausted by rear two side walls.	Ceiling Light: 8 fixtures, 4pcs for each. Side Light: 6 fixtures, 4pcs for each.

- Entrance Door: made of bended steel without covered edge. Square viewing tempered glass window with color steel frame.
- Wall and Roof Panel: 150mm thick and 1000mm wide, insulation is EPS and covered by 0.326mm thick of color steel inside and outside. Tongue and groove interlock structure, all sides covered by steel.

- Ceiling and Side Light: Philips fluorescent tubes, 36W with two in one electronic ballast, enough illuminance. **LED lights are optional.** IPre-filter, G3 grade(EN779), for intaking air. Fibreglass filter, G3 grade(EN779), for exhausting air.
- Control System: Power Switch, Fan Switch, Light Switch.

BENCH SPRAYING BOOTH



YS-B1



YS-B2



YS-B3

Bench Spray Booths are designed for finishing small parts that may be painted at bench height. Whether your small project is made of wood, metal, plastic, or any other material, YOKISTAR Bench Spray Booth can offer you an excellent finishing.

Model No.	Length (mm)	Width (mm)	Height (mm)
YS-B1	1,000	800	2,100
YS-B2	1,200	800	1,800
YS-B3	1,200	1000	1,850

- Air flow is pulled in through the open front, across the paint area, and then through the filter bank in the back of the booth to guarantee a well-vented work area.
- 360° rotating table for all-around painting.
- Anti-explosion tube.
- An anti-explosion axial fan is providing a safer working environment for operators.
- Sloping fiberglass filter for overspray particles.

BENCH SPRAYING BOOTH



Open Front Paint Booth provides a safe and clean environment for finishing work. With a unique, modular design, we can design and build an open face booth in virtually any size or configuration to meet your specific requirements.

Model No.	Length (mm)	Width (mm)	Height (mm)
YS-OF1	1,175	1,410	2,270
YS-OF2	1,545	1,880	2,270
YS-OF3	1,545	2,820	2,270

- Galvanized bending steel, connect by screw.
- Explosion-proof tube.
- Axial fan, anti-explosion motor.
- Paper Filer and Fiberglass filter.
- Voltage and Phase: 3x380V,50HZ
- Control System: Power Switch, Light Switch, Fan Switch, Power Socket

PAINT/POWDER CURING OVEN



EHP Curing Oven

- ◆ Inside size: 1.5x0.8x1.6M(LxWxH), can be ANY size.
- ◆ Outside size: 1.88x1.26x2.0M(LxWxH).
- ◆ Temperature Range: constant temperature - 200 °C can be adjusted.
- ◆ Heating Way: by electrical heating pipe.
- ◆ 1 of 1.5KW direct drive fan with 4,000m³/h air capacity for air circulation.
- ◆ 150mm thick ROCKWOOL insulation with galvanized steel wall panel for heat reservation.
- ◆ The control panel controls the main power, automatic constant temperature control, time setting, failure indicator, hours meter, emergency stop, temperature limiter.

GP Curing Oven

- ◆ Inside size: 6x2x3M(LxWxH), can be ANY size.
- ◆ Temperature Range: constant temperature - 300 °C can be adjusted.
- ◆ Heating Way: By LPG or LNG, gas source provided by end user.
- ◆ 2 units of trolley for hanging workpiece is made of 40x40mm square steel, with high temperature resistance caster.
- ◆ The bottom rail is made of 50x50mm angle steel, top rail is made of 1.5mm bended galvanized steel plate and with 12pcs of stainless steel bearing on the top trolley.
- ◆ Making heat by nature gas(LPG or LNG), put 6 units of gas infrared oven head on the bottom evenly.
- ◆ The oven heads connect with gas supply by pipes, and individual controlled by electromagnetic valve.
- ◆ 150mm ROCKWOOL insulation with galvanized steel wall panel for heat reservation.
- ◆ The control panel controls the main power, each oven is controlled on and off individually. 2 ovens equipped with 1 temperature controller, automatic constant temperature control and time setting.



WATER CURTAIN PAINT BOOTH



Water Curtain Filtration Cabinet

- ◆ Water Tank: 1.5mm stainless steel
- ◆ Water Curtain Panel: 1.0mm stainless steel
- ◆ Roof and Cover Panel: 1.2mm stainless steel
- ◆ Pump Model is GD65-19; Power is 2.2KW; Lift is 19m; Rated Flow is 25m³/h; PVC Duct Diameter is 65mm.
- ◆ Axial Fan; Power is 4KW; Air Capacity is 20000m³/h; pressure is 360Pa.
- ◆ Automatic water drainage device, with anti-residue net;
- ◆ Easy dismount back maintenance door for cleaning and maintenance.

Water Curtain Paint Booth

- ◆ Inside Size: 6000Lx3450Wx2650H (mm)
- ◆ 50mm EPS Wall Panel
- ◆ 3000Wx2600H (mm) Entrance Door
- ◆ 8 light fixtures with 32pcs 36W Philips lights.
- ◆ 1x5.5KW inner motor and double intake air centrifugal fan for intaking air.
- ◆ 1x5.5KW direct drive motor and single intake air centrifugal fan for exhausting air.
- ◆ Pre-filter, ceiling filter, water curtain filter, exhaust air filter.
- ◆ Control System: Spraying, light switch, failure instructor, hours, power, emergency stop, pressure gauge.



FLOOR MOVEABLE INFRARED PAINT CURING LAMP

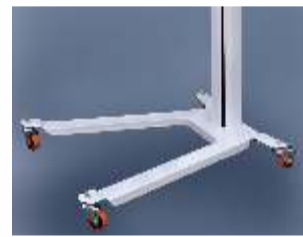
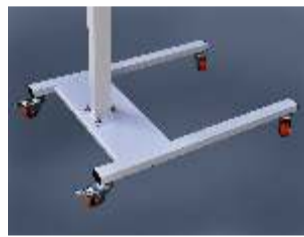


YS-A10



YS-A20

- ◆ Mechanical Control by knob switch.
- ◆ The heat reflection plate with multi angle design to make the heat reflecting rate more than 80%.
- ◆ The shortwave infrared lamp is CE approved;
- ◆ Rising temperature is faster and heating time is shorter;
- ◆ The using life is more than 5,000 hours.
- ◆ The cassette is made of aluminium alloy for durability and good thermal diffusivity;
- ◆ Equipped with a special device to prevent cassettes from falling down.



YS-A30



YS-C30

- ◆ Computerized control.
- ◆ Each lamp can work independently.
- ◆ Flash off function.
- ◆ Power(1-99%) of heating lamp and baking time(0-99min) can be adjusted.
- ◆ Hydraulic control for cassette going up and down, 360 rotation.
- ◆ The post is made of aluminium alloy.



YS-D302



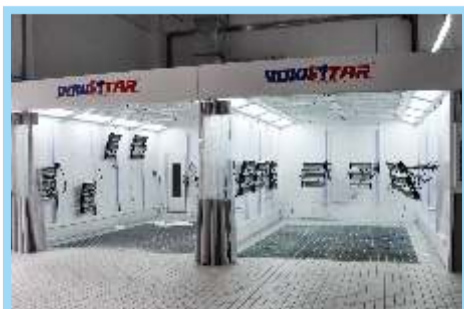
Key Features

- ◆ Be installed on the ceiling (such as spray booth, prep station) or solid wall.
- ◆ Be moved horizontally and vertically by track system and up and down by hydraulic system.
- ◆ The cassettes can be rotated 360°.
- ◆ Each lamp can work individually.
- ◆ More than 8000 hours service life.
- ◆ Aluminium alloy track system ensures the durability.
- ◆ No cables on the floor.
- ◆ With 4 preset programs for putty, clear coat, base coat and water base paint.
- ◆ Flash-off function.
- ◆ 4 rails, 2 rails with 6.8M long in vertical direction and another 2 rails with 3.7M in horizontal direction.
- ◆ The length can be changed according to working area size.
- ◆ Temperature Controller and Distance Controller are optional.

YS-D601



Real Case



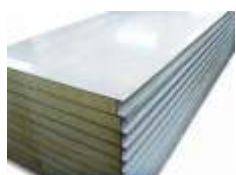
ACCESSORIES



Rock Wool Panel



EPS Wall Panel



Covered Sides Panel



Handle, Bolt and Puller



Pressure Lock



Hinge



Hinge



Hinge



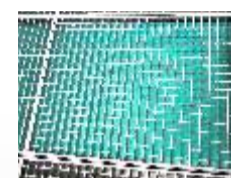
Light Fixture



Light Fixture



Grille



Heavy Load Grille



Movable Jack



Movable Jack



Fibre Glass Filter



Pre-Filter



Ceiling Filter



Carbon Filter



Granular Active Carbon



Pneumatic Actuator



Hand Damper



Electric Actuator



Air Valve



RG5S Diesel Burner



G20 Diesel Burner



232KW Heat Exchanger



Control Box



Large Control Panel



PLC Control



Touch Screen



Frequency Inverter



Pressure Gauge



Temperature Limiter



Turbo Fan



Belt Drive Fan



Double Intake Centrifugal Fan with Motor inside