



**An ISO 9001 : 2008 Certified Company**

**::: NITROGEN TYRE AIR INFLATOR :::**

**:: Model :- FS 3500 ::**



**:: TECHNICAL DETAILS ::**

Nitrogen purity	95-99.5%
Compressed air input range	6-10bar / 100-145psi
Nitrogen output	66lpm @ 10bar / 145psi
N <sub>2</sub> output pressure	7bar / 100psi
Nitrogen storage tank	70liter
Motor power	40w
Motor voltage	220v, 1ph
Weight	110kg
Packing size	730x550x1440mm



**An ISO 9001 : 2008 Certified Company**

**:: MAIN FEATURES ::**

1. Equipment adopts high-octane BF-200# carbon molecular sieve.
2. Fast nitrogen producing can meet the needs of continuing tyre inflation.
3. For compatible medium, the compressed air filtered by sophisticated filtration device.
4. The equipment can do self-regulation to input air pressure to insure the equipments service life.



**An ISO 9001 : 2008 Certified Company**

**::: NITROGEN TYRE AIR INFLATOR :::**

**:: Model :- FS 4000L ::**



**:: TECHNICAL DETAILS ::**

Nitrogen purity	95-99.5%
Compressed air input range	10-12bar / 145-175psi
Nitrogen output	66lpm @ 10bar / 145psi
N <sub>2</sub> output pressure	7bar / 100psi
Nitrogen storage tank	70liter
Motor power	60w
Motor voltage	220v, 1ph
Display mode	LED
Weight	145kg
Packing size	760x615x1560mm



**An ISO 9001 : 2008 Certified Company**

**:: MAIN FEATURES ::**

1. Optional inflation with nitrogen or air.
2. Equipment adopts high-octane BF-200# carbon molecular sieve and core accessories are imported.
3. By presetting pressure, the equipment can vacuum, fill N<sub>2</sub> and test pressure automatically.
4. Pressure sensor of high precision made by US Nova sensor.
5. Additional vacuum equipment is unnecessary. Just one button can complete vacuum and nitrogen inflation.



**An ISO 9001 : 2008 Certified Company**

**::: NITROGEN TYRE AIR INFLATOR FOR HEAVY VEHICLES :::**

**:: Model :- FS 8000 ::**



**:: TECHNICAL DETAILS ::**

Nitrogen purity	95-99.5%
Compressed air input range	12bar / 175psi
Supercharged Nitrogen output	16bar / 232psi
Nitrogen output	160lpm @ 12bar / 175psi
N <sub>2</sub> output pressure	10bar / 145psi
Nitrogen storage tank (External)	300liter
Motor power	2.0kw
Motor voltage	220v, 1ph
Truck tyre	(10.00/20R75 size) 15 tyre @ hour
Weight (Machine + Storage tank)	288+100 = 388kg
Packing size Machine	960x770x1920mm
Packing size Storage tank	620x1750mm



**An ISO 9001 : 2008 Certified Company**

**:: MAIN FEATURES ::**

1. Machinery is intended to generate nitrogen from compressed air with carbon molecular sieve (CMS) based on PSA (pressure swing adsorption) separation technology
2. Mainly constructed with filtration device, carbon molecular sieve, N2 reservoir and control system
3. Pressure regulator is equipped to limit pressure of input compressed air
4. Pressure relief valve is provided for whole pressure system
5. Silencers are equipped for exhausting gas to reduce sound level
6. Equipment adapts supercharger system and fast nitrogen producing system
7. Equipment adapts high-octane BF-200 carbon molecule sieve and core accessories are imported
8. Equipment also adapts water cooling and constant temperature device
9. Silicon oil pressure gauge with good shockproof function are adopted in machinery Compressed air is filtered twice:
10. Primary filtration: three class precision filter
11. Secondary filtration: active carbon filtration device with capacity
12. Vehicle applicable: motorcycles, cars, vans, mini-buses, medium trucks and trucks

**:: MAIN CONFIGURATIONS ::**

1. Built-in electric control vacuum device
2. 300L nitrogen pressure tank
3. 10m high pressure charge hose





**An ISO 9001 : 2008 Certified Company**

**:: NITROGEN TYRE AIR INFLATOR FOR HEAVY VEHICLES ::**

**:: Model :- FS 7000 ::**



**:: TECHNICAL DETAILS ::**

Nitrogen purity	95-99.5%
Max. Compressed air input range	13.8bar / 200psi
Nitrogen output	283lpm @ 12bar / 174psi
N <sub>2</sub> output pressure	10bar / 145psi
Nitrogen storage tank	100liter
Over pressure setting range	0-1.00bar
Motor power	2.0kw
Motor voltage	220v, 1ph
Inflator accuracy	+0.07bar
Measuring range	0.3-10bar
Weight	181kg
Packing size	760x615x1440mm



**An ISO 9001 : 2008 Certified Company**

**:: MAIN FEATURES ::**

1. Standard inflation mode
2. Adjustable over pressure setting
3. Adjustable nitrogen purges and fill cycles.
4. 4 air outlet allow simultaneous inflation of up to 4 tyres
5. Auto shut-off.
6. Automatic zero drifts adjustment
7. 2 large backlight LCD display, show operation mode
8. Automatic complete all the settings
9. Comprehensive diagnostics and error reporting.





**An ISO 9001 : 2008 Certified Company**

**::: RIM STRAIGHTENER :::**

**:: Model :- PE 010 ::**



**:: TECHNICAL DETAILS ::**

Pramukh Equipments presents Rim Straightener that allows easy repair of damaged wheels, heavy duty, one man operation, easy changeable 10 dyes set, available in single & three phase motor, reverse, forward motor speed in all phase, all rim size mounting plate.

**Specification:-**

- With double dyes at centre removes bend accurately.
- Heavy damaged rims at corner can also be straightened accurately.
- Dye attachment for 4", 4½", 5", 5½", 6" rims.
- Power : 220v, 1ph
- Motor : 2hp 1440rpm
- Weight : 300kg.
- Tools have to be changed for different sizes.



**An ISO 9001 : 2008 Certified Company**

**::: RIM STRAIGHTENER :::**

**:: Model :- TECH 23 ::**



**:: TECHNICAL DETAILS ::**

Rim range	10"-23"
Hydraulic motor	0.55kw
Motor voltage	415v, 3ph OR 220v, 1ph
Overall Length	1300mm
Overall Width	670mm
Overall Height	1300mm
Weight	300kg



**An ISO 9001 : 2008 Certified Company**

**::: RIM STRAIGHTENER :::**

**:: Model :- TECH 26 ::**



**:: TECHNICAL DETAILS ::**

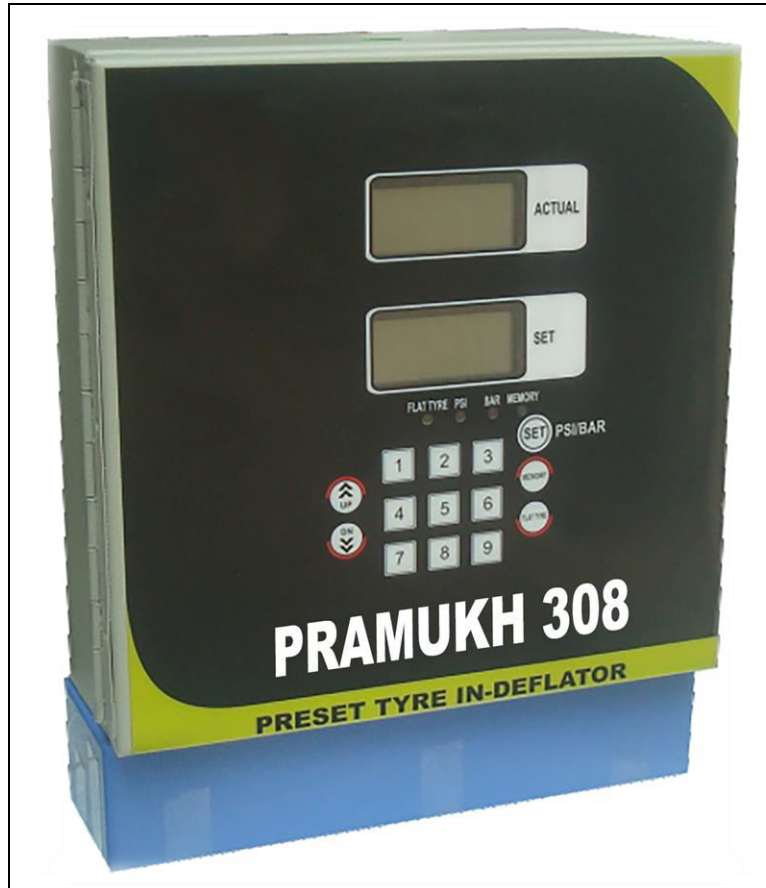
Rim range	10"-26"
Hydraulic motor	1kw
Motor voltage	415v, 3ph OR 220v, 1ph
Overall Length	1450mm
Overall Width	850mm
Overall Height	1520mm
Weight	400kg



**An ISO 9001 : 2008 Certified Company**

**::: TYRE AIR INFLATOR :::**

**:: Model :- PRAMUKH 308 ::**



**:: DISPLAY PARAMETER ::**

1. Actual tyre pressure.
2. Set pressure.
3. Display LED  
Flat tyre, PSI, Bar, Memory

**:: TECHNICAL DETAILS ::**

1. Size : 8.5" x 12" approx.
2. Character height 1.0"
3. Display LCD back light
4. Digits – 3 per row
5. Two display for Set Pressure & Tyre Pressure
6. Membrane keys for setting
7. Weight : 5kg approx.





**An ISO 9001 : 2008 Certified Company**

**:: MAIN FEATURES ::**

1. Fully Digital control gauge.
2. 9 Memory setting by user.
3. Pressure unit are PSI & Bar selectable.
4. Flat tyre facility.
5. Setting of pressure by membrane key.
6. Pressure range 0-130PSI OR 0-9 Bar
7. Automatic cut-off with alarm.
8. Consume very low power.
9. Easy to install & operate.



**An ISO 9001 : 2008 Certified Company**

**::: CAR A.C. GAS CHARGER :::**

**:: Model :- PAC 500 ::**



**:: TECHNICAL DETAILS ::**

Optimal operating range	11 <sup>o</sup> to 49 <sup>o</sup> C (50 <sup>o</sup> to 120 <sup>o</sup> F)
Power source	220v, 1ph
Refrigerant type	R-134a /R12
Refrigerant tank (capacity)	12.3 kg. For R-134a /13.6 kg. For R-12
Recovery rate	0.2kg /min.
Scale resolution	0.01kg
Vac. pump free air displacement	100L/M (4cfm) approx
Weight (Approx)	70kg (with tank)
Packing size	1170x635x560mm





**An ISO 9001 : 2008 Certified Company**

**::: CAR A.C. GAS CHARGER - FULLY AUTOMATIC :::**

**:: Model :- HO-L800 ::**



**:: TECHNICAL DETAILS ::**

Filling speed	≤16g/sec
Filling amount range	0-5kg
Vacuuming	≤4.5l/sec
Filling accuracy	+5g
Coolant interface	R134a
Compressor	1/2hp
Refrigerant tank capacity	≤13kg
Motor power	550w
Motor voltage	220v, 1ph
Weight	125kg
Packing size	850x650x1400mm



**An ISO 9001 : 2008 Certified Company**

**:: MAIN FUNCTIONS ::**

1. Leakage diagnosing and detecting in the refrigeration system
2. Refrigerant reclaiming
3. Refrigerant recycling
4. Vacuuming
5. Refrigerant filling
6. Refrigerant oil supply

**:: MAIN FEATURES ::**

1. It can reclaim and recycle, hunt leakage, vacuum, charge refrigerant, and supply refrigerant oil.
2. Specific interface for small container of coolant supply.
3. Large-screen menu in English language, and intelligent operator interface.
4. Simple pipeline connection. Operation starts once the hose of the machine is connected to the interface of the air conditioner yet to be tested
5. Data print.
6. High-precision electronic scale weighs the refrigerant filling and reclaiming.
7. Its purification & filtration system efficiently ensures recovery of used refrigerant.
8. It employs high-duty vacuum pump.
9. It adopts unique automatic protection design to prevent liquid attack and ultra-high pressure explosion.
10. Main components are originally imported to guarantee excellent performance.



**An ISO 9001 : 2008 Certified Company**

**::: CAR A.C. GAS CHARGER WITH CLEANING FUNCTION - FULLY AUTOMATIC :::**

**:: Model :- HO-X800 ::**



**:: TECHNICAL DETAILS ::**

Application refrigerant	R134a
Cylinder capacity	14kg
Recovery speed	Gaseous : 350g/min, Liquid : 500g/min
Charge speed	1500g/min
Vacuum speed	500g/min
Compressor	1/2hp
Vacuum pump	2.5L Double stage
Precision of electronic scale	+5g
Environmental temperature	-10° c - 50° c
Motor voltage	220v, 1ph
Weight	120kg
Packing size	850x750x1450mm



**An ISO 9001 : 2008 Certified Company**

**:: MAIN FUNCTIONS ::**

1. Leakage diagnosing and detecting in the refrigeration system
2. Pipeline flushing
3. Refrigerant reclaiming
4. Refrigerant recycling
5. Vacuuming
6. Refrigerant filling
7. Refrigerant oil supply

**:: MAIN FEATURES ::**

1. It can reclaim and recycle, hunt leakage, vacuum, charge refrigerant, and supply refrigerant oil.
2. Specific interface for small container of coolant supply.
3. Large-screen menu in English language, and intelligent operator interface.
4. Simple pipeline connection. Operation starts once the hose of the machine is connected to the interface of the air conditioner yet to be tested.
5. Data print.
6. High-precision electronic scale weighs the refrigerant filling and reclaiming.
7. Its purification & filtration system efficiently ensures recovery of used refrigerant.
8. It employs high-duty vacuum pump.
9. It adopts unique automatic protection design to prevent liquid attack and ultra-high pressure explosion.
10. With cleaning.



**An ISO 9001 : 2008 Certified Company**

**::: EXHAUST GAS ANALYZER :::**

**:: Model :- GA 954 ::**



**:: TECHNICAL DETAILS ::**

**A. Operation condition :**

- |                         |   |   |
|-------------------------|---|---|
| 1. Temperature          | : | +5 <sup>0</sup> C to +50 <sup>0</sup> C |
| 2. Relative humidity    | : | 5% to 95% non-condensing                |
| 3. Atmospheric pressure | : | 70 KPA to 106 KPA                       |

**B. Power supply :**

- |              |   |                   |
|--------------|---|-------------------|
| 1. Voltage   | : | AC 220v, $\pm$ 5% |
| 2. Frequency | : | 50hz, $\pm$ 1hz   |

**C. Measurement range :**

- |                           |   |   |
|---------------------------|---|---|
| 1. HC (Hexane equivalent) | : | 0 PPM to 20,000 PPM                     |
| 2. CO                     | : | 0% to 10%                               |
| 3. CO <sub>2</sub>        | : | 0% to 20%                               |
| 4. O <sub>2</sub>         | : | 0% to 25%                               |
| 5. NO <sub>x</sub>        | : | 0 to 5000 PPM                           |
| RPM (optional)            | : | 250 RPM to 9999 RPM                     |
| Oil temperature           | : | 0 <sup>0</sup> C to +150 <sup>0</sup> C |



**An ISO 9001 : 2008 Certified Company**

**D. Resolution :**

1. HC (Hexane equivalent) : 1 PPM
2. NO<sub>x</sub> : 1 PPM
3. CO : 0.01%
4. CO<sub>2</sub> : 0.01%
5. O<sub>2</sub> : 0.01%
6. LEMBDA : 0 to 9.999

Indication Error	Absolute	Relative
HC 0 PPM to 2000 PPM	±12 PPM	±5%
2001 PPM to 10000 PPM		±10%
CO	±0.06%	±5%
CO <sub>2</sub>	±0.5%	±5%
O <sub>2</sub>	±0.1%	±5%
NO <sub>x</sub>	±10 PPM	±5%

**E. Others :**

1. Warm-up time : 10min
2. Output interface : RS-232C
3. Packing size : 450x260x180mm
4. Weight : 7kg





**An ISO 9001 : 2008 Certified Company**

**::: DIESEL SMOKE METER :::**

**:: Model :- Namtech SM-054 ::**

**ARAI  
APPROVED**



**:: TECHNICAL DETAILS ::**

Gas sampling	Partial flow
Zeroing	Automatic
Temperature	Gas camber temperature display
Measurement range %	0-100% with 1% resolution
Measurement range K	0-9.99(0.00) with 0.01 resolution
RPM	300 to 9999 with $\pm 10$ resolution
Data output	Printer / RS-232
Power voltage	220v, 1ph



**An ISO 9001 : 2008 Certified Company**

**::: PAINTING & DRYING BOOTH :::**



**:: TECHNICAL DETAILS ::**

Particular		PB 6.00	PB 6.75	PB 7.50
External dimension	Length	6130	6880	7630
	Width	5220	5220	5220
	Height	3020	3020	3020
Internal dimension	Length	6000	6750	7500
	Width	3780	3780	3780
	Height	2500	2500	2500
Door dimension	Width	2440	2440	2440
	Height	2480	2480	2480
Spraying-Drying cycles temperatures	<sup>0</sup> C	20 <sup>0</sup> - 65 <sup>0</sup>	20 <sup>0</sup> - 65 <sup>0</sup>	20 <sup>0</sup> - 65 <sup>0</sup>
Lighting inside the booth	Lux-watt	1060-864	940-864	850-864
Air volume capacities	N m <sup>3</sup> /h-kw	14000-5	15000-7	16000-7
Installed Thermic capacity	Kw	130	140	150





**An ISO 9001 : 2008 Certified Company**

**::: PAINTING & DRYING BOOTH :::**

**:: Model : ALF300 ::**





**An ISO 9001 : 2008 Certified Company**

**:: TECHNICAL DETAILS ::**

Inside size	7000x4500x2650mm (LxWxH)
Outside Size	7100x4600x3300mm (LxWxH)
Entrance Door	3-fold Entrance door with dimension 3000x2600mm (WxH), With glass observation window, luxury Sheet metal door.
Safe door	1pc of personal door with dimension 800x2000mm (WxH), With glass observation window, and explosion-proof door handle, step plate attached.
Room body system	1. Wall panel : <b>50mm</b> rock wool panel-colourful steel insulation and flame resistant panel, Steel plate thickness of 0.476mm. 2. Roof plate : Galvanized roof plate.
Basement System	1. Base plate: C section steel/channel steel welding platform with height 300mm, and the basement is covered all with steel grates. 2. Ramp : size 600x1800mm (WxL), 2pcs
Lighting System	1. Ceiling light : 4pcs/set x 8set, total 32pcs, 40W/pcs, LED tubes. 2. Waist light: 4pcs/set x 6set, total 24 pcs, 40W/pcs, LED tubes. All the lights LUX must be above 900LUX.
Ventilation System	1. <b>Intake fan : 1pcx7.5kw turbo fan, air capacity 25000m3/h (410V/50Hz,3PH) with 3 meters ducting.</b> 2. <b>Exhaust fan : 1pcx5.5kw turbo fan, air capacity 15000m3/h (410V/50Hz,3PH) with 3 meters ducting.</b>
Heating System	1. Diesel Burner : Riello G20 type oil burner, Exchanger capacity-200000 Kcal. 2. Heat exchanger : 1.0 mm stainless steel, The chimney diameter is <b>150 mm</b> . 3. Heating cabinet : Top cabinet is rock wool flame retardant plate; Bottom cabinet is 30mm EPS heat retaining panel , Aluminium alloy side.
Filtration System	1. Ceiling filter: Solid glue 600G, the filtering precision is 5µm. 2. Air intake filter cotton: High quality and the filtering precision is 10µm. 3. Bottom cotton : fiber glass filter
Control System	1. Control box : Delixi electric (410V/50Hz,3PH), the main circuit is equipped with multiple protection, right structure, and stable performance. 2. With light switch, temperature setting, constant temperature painting, emergency stop, alarm, total time and so on.
Total Power	About <b>17KW</b>



**An ISO 9001 : 2008 Certified Company**

**:: PAINTING & DRYING BOOTH ::**

**:: Model : YS-10-II ::**



**:: TECHNICAL DETAILS ::**

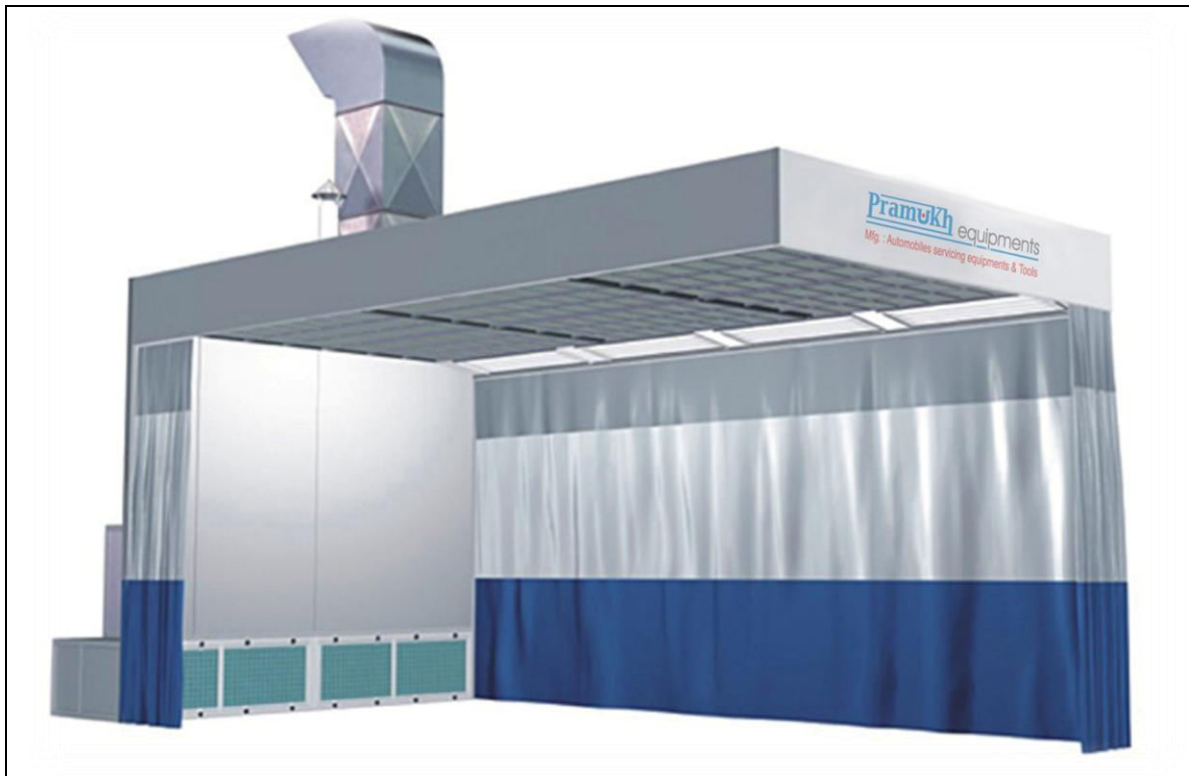
Particular		YS-10-I	YS-10-II
External dimension	Length	7000	7000
	Width	5350	5350
	Height	3400	3400
Internal dimension	Length	6900	6900
	Width	3900	3900
	Height	2650	2650
Door dimension	Width x Height	Folding door, 3 folds main door 3000x2600 Escape door - 1No., 650x1800	
Exhaust air system		Optional	Optional
Intake air system		1x5.5kw turbo fan, Total air capacity is 20000m <sup>3</sup> /h, Direct drive type	1x7.5kw turbo fan, Total air capacity is 25000m <sup>3</sup> /h, Direct drive type
Max. heating productivity	Kcal/h	100000	200000
Max. working temperature	<sup>o</sup> C	80	80
Total power	Kw	6.7	8.7



**An ISO 9001 : 2008 Certified Company**

**::: PREPARATION STATION :::**

**:: Model :- WLD-PS-C1 ::**



**:: TECHNICAL DETAILS ::**

External size	7500x3550x3180mm (LxWxH)
Internal size	6300x3500x2700mm (LxWxH)
Plenum dimension	6300x3450x400mm (LxWxH)
Basement	Without basement
Room body	Back side with 50mm EPS wall panels, the other 3 sides with PVC curtains
Lighting system	Ceiling lights 8units x 4pcs = 32pcs 36W, 800Lux
Intake and exhaust system	5.5KW double intake centrifugal fan for intake air, 5.5KW double intake centrifugal fan for exhaust air
Heating system	RIELLO G10 burner, Max. heating productivity: 100000 Kcal/h. Max. Working Temperature 25 <sup>0</sup> C
Filtering system	Pre-filter, high efficiency filter, exhaust fiber glass filter
Control system	Fan operation switch, lighting switch, temperature controller, emergency stop
Total power	12.2 KW
Generator setting	Exhaust air from rear side, powder coating treatment
Setting style	Suspending steel hook from roof of building or steel column supporting

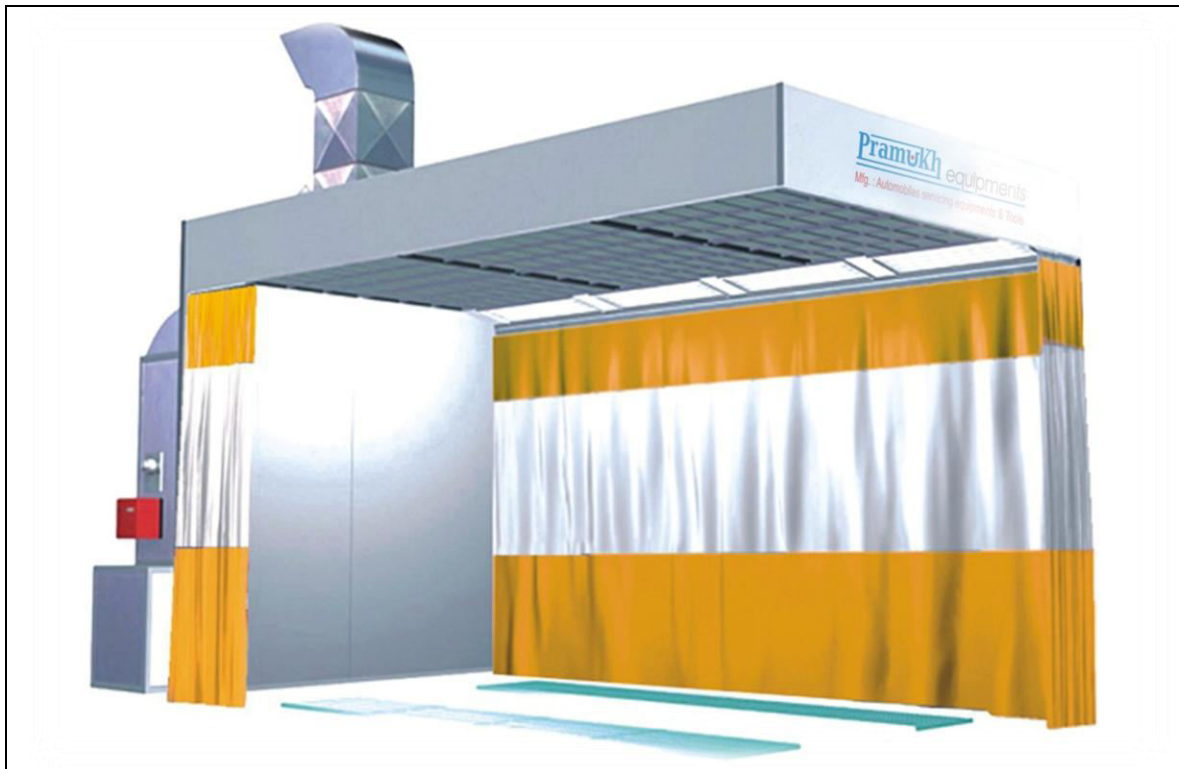




**An ISO 9001 : 2008 Certified Company**

**::: PREPARATION STATION :::**

**:: Model :- WLD-PS-C2 ::**



**:: TECHNICAL DETAILS ::**

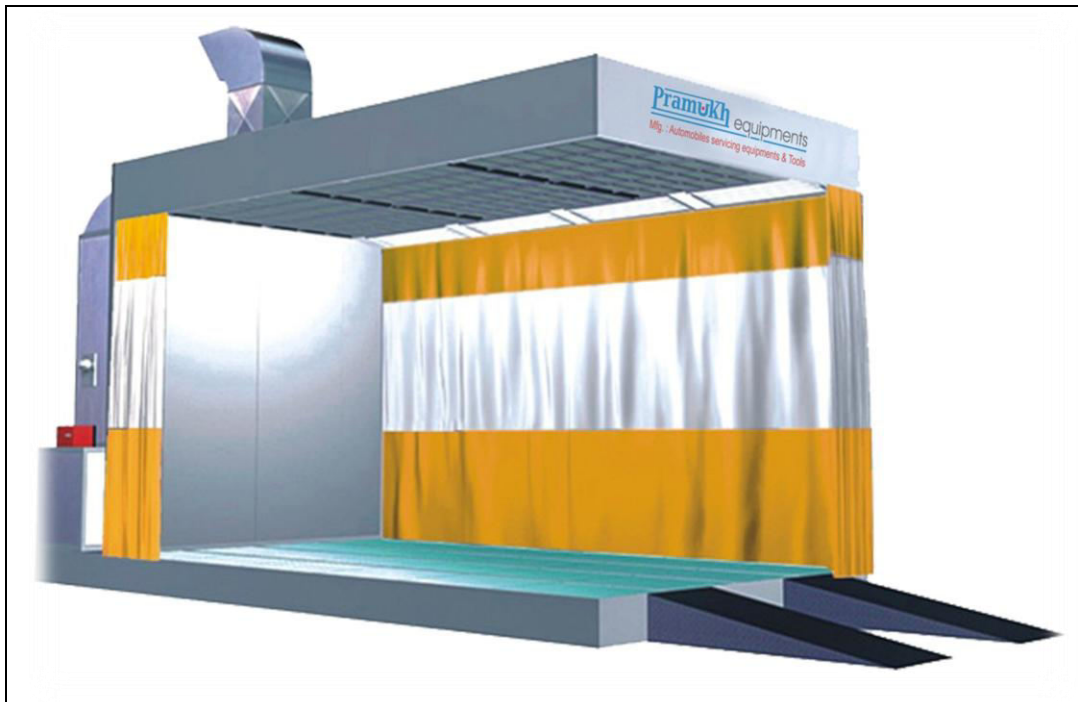
External size	7500x3550x3180mm (LxWxH)
Internal size	6300x3500x2700mm (LxWxH)
Plenum dimension	6300x3450x400mm (LxWxH)
Basement	No basement, 2 rows of pits with grilles above
Room body	Back side with 50mm EPS wall panels, the other 3 sides with PVC curtains
Lighting system	Ceiling lights 8units x 4pcs = 32pcs 36W, 800Lux
Intake and exhaust system	5.5KW double intake centrifugal fan for intake air, 5.5KW double intake centrifugal fan for exhaust air
Heating system	RIELLO G10 burner, Max. heating productivity: 100000 Kcal/h. Max. Working Temperature 25 <sup>0</sup> C
Filtering system	Pre-filter, high efficiency filter, exhaust fiber glass filter
Control system	Fan operation switch, lighting switch, temperature controller, emergency stop
Total power	12.2 KW
Generator setting	Exhaust air from rear side, powder coating treatment
Setting style	Suspending steel hook from roof of building or steel column supporting



**An ISO 9001 : 2008 Certified Company**

**::: PREPARATION STATION :::**

**:: Model :- WLD-PS-C3 ::**



**::: TECHNICAL DETAILS :::**

External size	7500x3550x3480mm (LxWxH)
Internal size	6300x3500x2700mm (LxWxH)
Plenum dimension	6300x3450x400mm (LxWxH)
Basement	300mm galvanized steel basement, full grilles made by flat bar and round steel then galvanized. 2 ramps,
Room body	Back side with 50mm EPS wall panels, the other 3 sides with PVC curtains
Lighting system	Ceiling lights 8units x 4pcs = 32pcs 36W, 800Lux
Intake and exhaust system	5.5KW double intake centrifugal fan for intake air, 5.5KW double intake centrifugal fan for exhaust air
Heating system	RIELLO G10 burner, Max. heating productivity: 100000 Kcal/h. Max. Working Temperature 25 <sup>0</sup> C
Filtering system	Pre-filter, high efficiency filter, exhaust fiber glass filter
Control system	Fan operation switch, lighting switch, temperature controller, emergency stop
Total power	12.2 KW
Generator setting	Exhaust air from rear side, powder coating treatment
Setting style	Suspending steel hook from roof of building or steel column supporting