



# KombiTron



*Passion*  
**for BODYSHOPS**  
TECHNOLOGY  
PROCESS and  
LAYOUT



# KOMBITRON

The KombiTron is a drying cabin that works in conjunction with a SprayTron booth. This product is exclusive to Symach. When combined with one SprayTron and equipped with robots, the daily production with two painters is 16-20 paint cycles per day.

The KombiTron dries paint using an Easydry robot, not a burner.

The KombiTron is a cabin that dries vehicles or pieces on stands in 8-12 minutes on average. This is because unlike a conventional oven that uses hot air, the KombiTron uses 100% radiant waves.

The inside walls and floor of the KombiTron are made of a reflective metal that collects and re-

flects the radiant waves released from the Easydry robot against the vehicle or painted parts without wasting any energy.

The KombiTron has an independent ventilation system for inlet and outlet air. The ventilation system removes the solvent gases that are produced during the paint drying process.

The KombiTron is equipped with side pneumatic doors and CarMover rails, allowing painters to move vehicles in and out in a few seconds.

A KombiTron, including robots, is normally installed in FixLine projects to produce 16-20 paint cycles per day.

## KOMBITRON (SPRAYBOOTH + OVEN)



## DRYING PERFORMANCE

The KombiTron drying performance with the robot is 8-12 minutes depending on which hardeners are used in the clear coat process.

## CONFIGURATION

The KombiTron is available in:

- two different lengths: 8 m or 26.24 ft and 9 m or 29.52 ft, and
- with two pneumatic doors.



## COVERTOP



COVER TOP

The outer covering of the KombiTron consists of "CoverTop" panels that are made in ABS injection plastic mold. They can be opened and closed, allowing the installation of the electric or air compressed plant inside the SprayTron wall.

## WALL FRAME



METAL REFLECTING PANEL

The KombiTron side panel is a tubular-welded frame and inside the booth there is a reflecting aluminum sheet on the side; in the middle there is 5 cm or 2" of insulation; and on the external side there is the CoverTop, which is an ABS plastic panel available in eight different colors.

## MECHANIC

The ventilation inlet and outlet uses two different fans.

## COMPUTER

The computer of the KombiTron is integrated with the EasyDry robot.

> Please refer to EasyDry catalog for more information.

In addition to the standard functionality of the EasyDry, the KombiTron can manage the two additional groups of Dry-tronic radiant panels: one in the front and one in the back wall of the cabin, to properly dry bumpers installed on the vehicle or pieces on stands.

## DOORS



PNEUMATIC SIDE DOOR



PNEUMATIC SIDE DOOR

The KombiTron has a pedestrian door and two side doors opening and closing pneumatically and vertically, which helps avoid dust moving.

## ROOF AND FLOOR



REFLECTING FLOOR

The roof's a tubular-welded frame to support the air ventilation channel and the filter inlet air. The floor uses a reflecting metal sheet.



THE COMPUTER

## KOMBITRON TECHNICAL DATA

### MEASURES AND DATA

Outside length mod. A	8,80 m	28.8 ft
Outside length mod. B	9,80 m	32.15 ft
Outside width mod. A	4,10 m	13.4 ft
Outside width mod. B	5,00 m	16.4 ft
Inside height mod. A	2,70 m	8.8 ft
Inside height mod. B	3,20 m	10.4 ft
Weight	2.500 kg	5,511 lb
Standard warranty	12 months	

### AIR UNIT

Exhaust duct flange	400 x 600 mm	15.7 x 23.6 "
Inlet duct flange	400 x 600 mm	15.7 x 23.6 "
Max flow rate	8.000 m <sup>3</sup> /h	4,700 CFM
Motor power supply	400 V <sup>-</sup> 230 V <sup>-</sup> / 60 Hz	
Motor rated power	2 kW	6.8 BTU/h
Inverter	2 kW	6.8 BTU/h
Duct	0,6 x 0,4 m	1.9 x 1.3 ft

### APPROVAL

Europe	EU: CE - ATEX II 3 G X
Australia	Compliant to Australian safety standards AS/NZS 4114.1:2003 - AS 3814.1:2009
North America	cETLus Listed - Intertek 5000803 ISO 9001



AUSTRALIAN  
AS/NZS

### FILTER AREA INLET

Prefilter efficiency rating	M5
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### FLOOR SPECIFICATION

Steel engraved	1.000 x 1.000 mm	39.4 ft
CarMover rails	pz. 5 x 4 m	pz. 5 x 13.1 ft

### PNEUMATIC SIDE DOOR

Side door width mod. A	5,80 m	19 ft
Side door width mod. B	6,80 m	22.3 ft
Side door height useful	2,10 m	6.8 ft
Open side door height	4,46 m	14.6 ft

### CONTROL BOX

Installed power	3 Kw	10.2 BTU/h
Supply voltage	400 V <sup>-</sup> - 230 V <sup>-</sup> (3 Ph)	
Frequency	50 / 60 Hz	
Controls voltage	24 V <sup>-</sup>	

### LIGHTS

Installed power	0,216 kW
Chromatic yield index	0,93 Ra
Light flow of lamp	EL 35 °C 4.300 Lm
Supply voltage	230 V <sup>-</sup>
Color type	daylight color
No. of PowerLux	2x (6 neon)
Estimated life	24.000 hours
Frequency	50/60 Hz
Color temperature	5.200 °K
Mean lighting	1.000 Lux

**Symach**

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