



L P G O R M E T H A N E
I R D R Y I N G S Y S T E M

AMAZING RESULTS

- Integral transformation of the calorific value of the gas into radiant energy
- Medium wave infrared emission (3 - 8 microns for optimal performance)
- Large irradiation surface thanks to the use of 11 large-area radiant panels
- Environmentally friendly - Gas Catalytic panels do not produce Carbon Monoxide (CO) nor Nitrogen Oxides (NOx), moreover they abate VOC's (Volatile Organic Compounds) with consequent reduction of toxic global emissions
- Maximum safety guaranteed by explosion-proof panels with absolute absence of flames
- Operation with natural gas or LPG

BENEFITS

- No risk in use on plastic and aluminium parts
- Simplicity of use and programming through touch screen
- Possibility to change the speed in real time
- Up to 3 different drying recipes in a single session
- Custom formulation for any brand of water-based and solvent-based paint products
- Assistance reduced to a minimum thanks to remote control and system reliability
- Productivity can be doubled with rapid return on investment

ENERGY SAVING

- Drying time is reduced by up to 70%
- Very low electricity consumption due to short use (only in the preheating phase)
- Fuel consumption (methane or LPG) reduced by up to 80%

Technical data

Gas Type		CH4	GPL
Minimal gas pressure	mbar	20	60
Indicative gas consumption		4,3 m3/h	3,4 kg/h
Minimal air pressure	bar	1	
Indicative air pressure	m³/h	0,4	
Electrical power supply	kW	7,5	
Voltage	V	400	
Current	A	13	
Frequency	Hz	50÷60	
Phases	N°	3+N	
Catalytic panels	N°	11	
Radiant surface	m²	2,2	
Weight without rails	kg	420	
Dimensions	m	3x3,1x0,8	



**THE ROBOT HAS BEEN DESIGNED TO CURE AND DRY
CARS, COMMERCIAL VEHICLES AND INDUSTRIAL
PRODUCTS OF ANY MATERIAL
(FIBERS, PLASTICS, METALS, ALLOYS, ETC.),
THANKS TO A CONSIDERABLE FLEXIBILITY IN
HANDLING AND ADAPTATION TO DIFFERENT SHAPES.**

GAS CATALYTIC IR DRYING SOLUTIONS



Greentech Dryers Srl

Head office and production site

Via Colpi, 33 - I 35010 LIMENA (PD)

VAT IT03896150244

Phone +39 049 8843244

Web www.greentechdryers.com

Email info@greentechdryers.com