



IR DRYERS



IR DRYERS



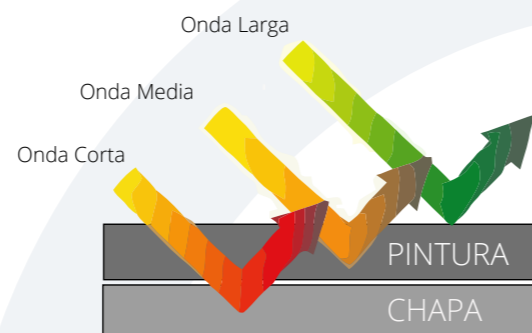
In Lagos we have been developing since 1990 infrared technology dryers to be used in different application fields ranging from aeronautical, railway, renewable energy, outdoor heating and the automotive sector. We have developed a wide range of Shortwave infrared dryers made with the best components of the market and manufactured under strict quality inspections. Lagos IR Lagos family is the perfect match for quick body repair services, but it will also increase the production capacity of any kind of workshop.

The new "Gold Series" offers through a simple computerized panel, several presets that will allow you to control and regulate the heat timing and distribution in the drying process.

Shortwave technology

Infrared systems have different types of wavelength: long, medium and short.

The fundamental difference between the three types of waves is in the penetration through the paint coat, being the Shortwave the one that reaches higher penetration. This is the technology used by Lagos IR dryers in order to reduce drying times and energy consumption.



Performance

Most repairs nowadays are performed on small and medium damages; mainly in the front, rear and sides of the vehicle. Traditional spray booth are often used to dry such small surfaces causing heavy energy consumption and bottleneck situations on the workflow.

Infrared dryers are way more effective to dry small areas, since they can heat directly the treated part in few minutes.

Benefits

- Ideal to dry small to medium surfaces
- Time saver (30min less to traditional spray booths)
- Energy saving
- Better drying quality and finishing
- The Inside-out drying process generates better paint grip
- 100% compatible with water-based paints

DRYING TIME

| | SHORTWAVE IR DRYER | TRADITIONAL SPRAY BOOTH | OUTDOOR DRYING |
|--------------------------|--------------------|-------------------------|----------------|
| Filler | 5 - 7 min. | 10 - 20 min. | 30 - 60 min. |
| Primer | 8 - 12 min. | 30 - 45 min. | 240 min. |
| Monolayer paint | 8 - 10 min. | 30 - 45 min. | 240 min. |
| H.S. Colors (High Solid) | 8 - 10 min. | 30 - 35 min. | 210 min. |
| Varnish | 8 - 12 min. | 30 - 45 min. | 240 min. |



PRODUCTS AVAILABLE IN TWO VERSIONS

STANDARD SERIES

Analog control panel.
Distance sensor.
1,1 KW lamps (each).

GOLD SERIES

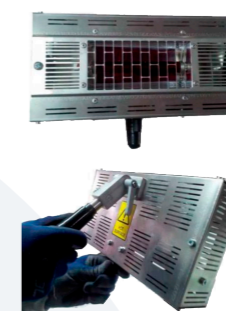
Digital control panel with presets.
Distance sensor.
Temperature sensor
2 KW lamps (each)



Mini Light

220V. 50/60Hz.
Max power: 850W.
Drying surface: 0,70m x 0,40m

- Handheld IR dryer
- Ideal for adjustments, mobile repairs, adhesive peeling, etc.



Mini EVO

220V. 50/60Hz.
Max power: 850W.
Drying surface: 0,70m x 0,40m

- Adjustable height
- Ideal for touch-ups



Mover EVO

220V. 50/60Hz
Max power: 2.200W.
Drying surface: 1,00m x 0,85m

- Adjustable height
- Recommended for vehicle preparation jobs
- Each lamp could be turned on/off independently



Compact EVO

220V/380V (Gold) 50/60Hz
Max power: 3.300W.
Max power (Gold): 6.000W
Drying surface: 1,00m x 1,40m

- Adjustable height
- Lamps could be distributed horizontally or vertically
- Each lamp could be turned on/off independently
- Distance sensor
- Superficie de secado: 1,00m x 1,40m



Gold

Optional: GOLD Version

Master 3 EVO

220V/380V (Gold) 50/60Hz
Max power: 3.300W.
Max power (Gold): 6.000W
Drying surface: 1,00m x 1,40m

- Rear wheels brakes
- Gravity compensation through a gas piston.
- Articulated arm
- Lamps could be distributed horizontally or vertically
- Each lamp could be turned on/off independently
- Distance sensor



Gold

Optional: GOLD Version

Master 6 EVO

380V 50/60Hz
Max power: 6.600W.
Max power (Gold): 12.000W
Drying surface: 2,00m x 1,40m

- Rear wheels brakes
- Gravity compensation through a gas piston.
- Articulated arm
- Could reach all areas across the vehicle
- Ideal for demanding environments
- Lamps could be distributed horizontally or vertically
- Each lamp could be turned on/off independently
- Distance sensor



Gold

Optional: GOLD Version



Aero Infinity EVO

380V 50/60Hz

Max power: 3.300W.

Max power (Gold): 6.000W

Drying surface: 1,00m x 1,40m

- Moves through a single U-shaped steel rail anchored to booth
- Articulated arm
- Lamps could be distributed horizontally or vertically
- Could reach all areas across the vehicle
- Smart time-saver solution
- Can be mounted on older paint booths (Retrofit)
- Distance sensor

Gold

Optional: GOLD Version



Aero EVO

380V 50/60Hz

Max power: 6.600W.

Max power (Gold): 12.000W

Drying surface: 2,00m x 1,40m

- Moves through an axis anchored to 2 rails situated on both sides of the booth
- Articulated arm
- Lamps could be distributed horizontally or vertically
- Could reach all areas across the vehicle
- Smart time-saver solution
- Can be mounted on older paint booths (Retrofit)
- Distance sensor

Gold

Optional: GOLD Version

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