



Extraordinary Usi. Extraordinary innovations.



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# ■\_Cargo

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More value to your body shop

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# Cargo

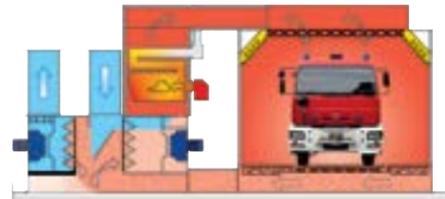
USI ITALIA specific design for industrial vehicles makes our **CARGO** spray booths the ideal solution for the painting of big sized parts such as trucks, buses, trains and earth moving machines.



### Turbofan for industrial applications coupled to motor without driving elements.

#### Advantages:

- High efficiency with consequent energy savings
- High reliability due to absence of driving elements (belts and pulleys, etc)
- No maintenance
- Constant air volume for the entire life of the filters
- Long filter duration since the fan can maintain a high air volume even with clogged filters
- Low noise due to particular and exclusive design of the fan.



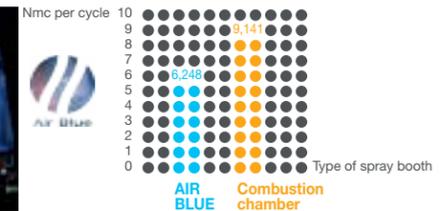
### Exclusive warm air recirculation system.

Our warm air recirculation system during the bake phase offers the following advantages:

- Bake phase with entire air volume handled by heating unit with fixed air exchange rate; this is imperative for quick and optimal baking of water-based and high solid paints
- Set bake temperature is quickly reached
- Uniformity of temperature
- High energy saving since most of the heated air for the bake cycle is recirculated
- Possibility of reaching higher bake temperatures
- Considerable increased productivity since the set bake temperature is quickly reached.



### Consumption comparison natural gas **31 % less**



### Direct fired burner "AIR BLUE"

Natural gas or LPG burner designed and produced by USI ITALIA with DNV certification. Advantages:

- 97% fuel consumption
- Lower fuel consumption than traditional burners with combustion chamber (up to 30%)
- Set temperature is quickly reached
- The set temperature is more stable and uniform
- Reduced paint/bake cycle time (up to 35% less)
- Increased productivity (up to 55% more).



### Lighting

USI ITALIA has studied a specific lighting system for the Cargo big sized spray booths. The use of top ceiling lights inclined at 45°, and side and rear wall lights with high efficiency XL neon tubes offers the following advantages:

- Uniform diffusion of the light in the spray booth
- Remove the risk of shadow zones and reflections
- Reproduction of natural lighting tone avoiding colour alteration
- Minimizing energy consumption.

### Air delivery system

The USI ITALIA air delivery system inside the plenum is studied to obtain:

- Uniform distribution of the air inside the spray booth
- Rapid and efficient removal of the overspray during the painting phase and therefore higher health protection of the operator.

### Operator lifts

Lifts with platform allowing the operator to move vertically and horizontally along the entire length of the vehicle being painted are available on request.

