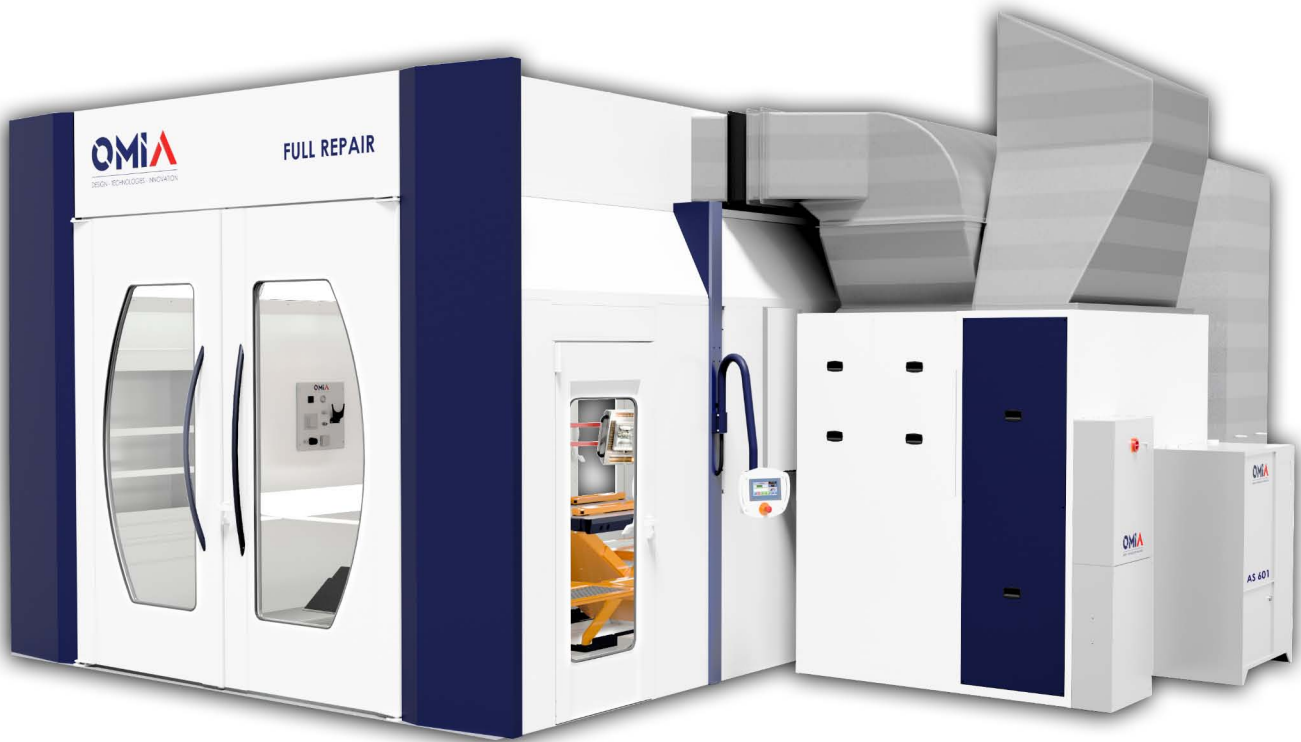


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# FULL REPAIR // SMART REPAIRS



DESIGN - TECHNOLOGIES - INNOVATION

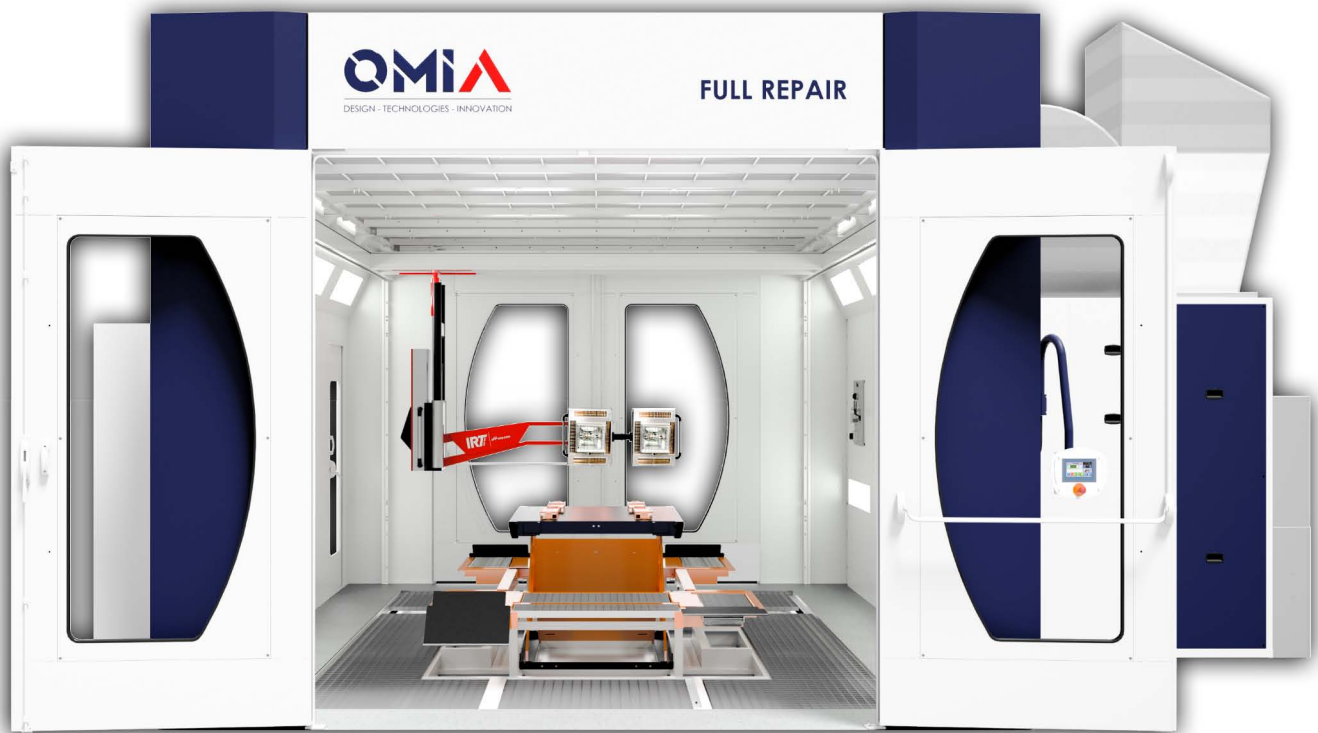
# FULL REPAIR

## SMART REPAIRS BOOTH

### Multifunction space ALL IN ONE

offering the bodybuilder many advantages :

- PRODUCTIVITY: Reduction of vehicle restitution times to customers
- OPTIMIZATION OF THE VEHICLE FLOW in the workshop
- SURFACE OPTIMIZATION : the space required by the equipment is reduced (single workstation)
- COMFORT and SAFETY of the operator



Model shown : drive through enclosure and 2-leaf door.



# A FUNCTIONAL and OPTIMIZED design



Embedded storage cabinet (materials and products storage).



Multi-energies sanding connector board with safety enslavement.



Combined suspended rail infrared dryer : shortwave and UVA radiation (optional).



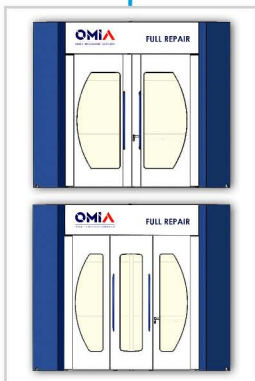
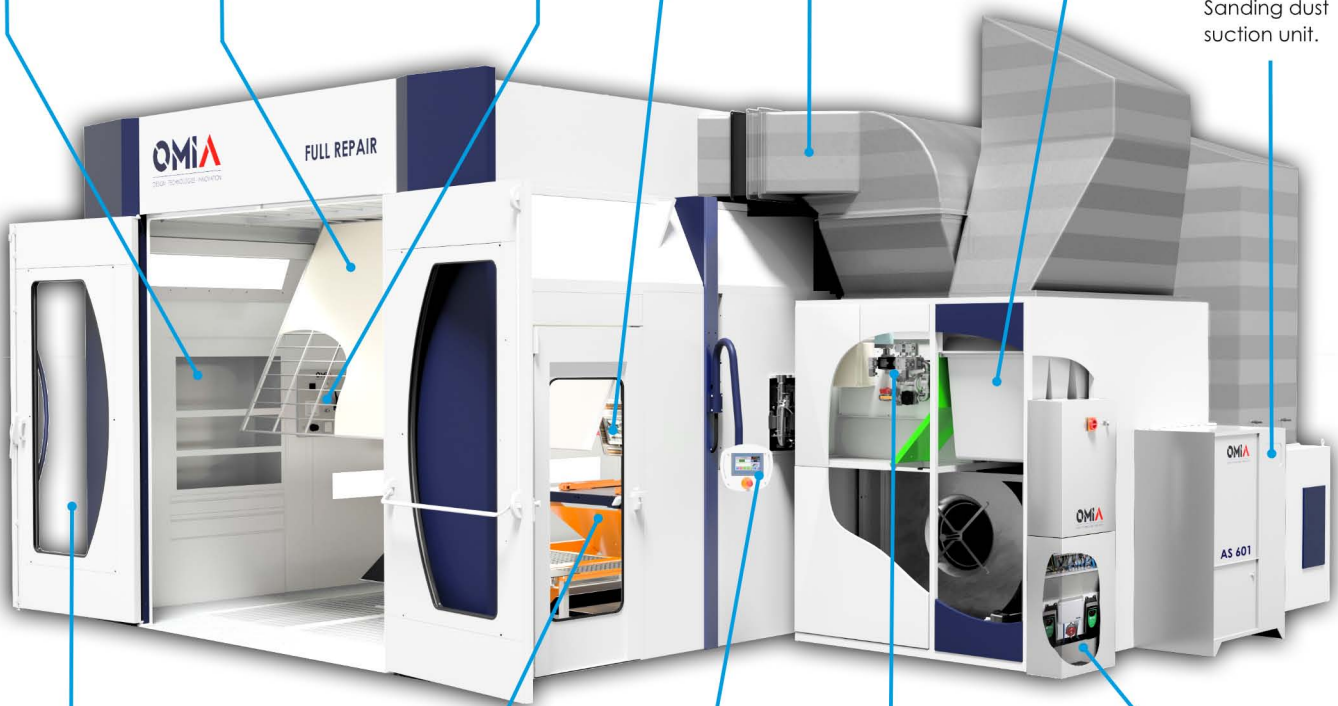
Infrared cassettes protective housing (storage and protection).

Swinging filter frames with self-holding.

Distribution duct with anti-vibration bellows provided with multi-directional ventilation deflectors.

Prefiltration compartment with honeycomb pockets.

Sanding dust suction unit.



Double glazed main door with tempered glass, 2 or 3 leaves.



Under wheels lifting table (UWL) or optional "DUO" table (UWL + under frame UFL) - cf. visual.



Control unit with intuitive touch screen.



Direct flame gas burner process. Flow rate controlled by motorized valve. 100% efficiency.



Power box managed by PLC with variable frequency drives.





DESCRIPTION	STANDARD	OPTIONS
Dimensions	L = 7 m W = 4,20 m H = 2,80 m	H = 3,36 m
Ventilation & power	Vertical ventilation Blowing air flow = 34 000 m <sup>3</sup> /h Extraction air flow = 34 000 m <sup>3</sup> /h Blowing and extraction motors = 2 x 7,5 kW	
Implantation	Civil engineering	
Machinery configuration	Right / left	Rear / aerial
Enclosure	Closed single station enclosure White prepainted and insulated lined panels High density rock wool	Through enclosure (tunnel type)
Lighting	30° inclined top lighting / horizontal low lateral / 12 blocks with 3 tubes of 36 W	Corner lighting LED backlit panel version 75 W
Main door	2-leaf door with <b>panoramic windows</b>	3-leaf door with <b>panoramic windows</b>
Gratings	Galvanized - 19 m <sup>2</sup> / Load 600 kg/wheel	
Heating	Direct combustion with direct flame burner 300 kW	
Control	PLC management with 9" intuitive touch screen	
Process	Energeco / Energia Report Pack ECO	Hygro control
Other equipment	<ul style="list-style-type: none"> <li>- Infrared suspended rail gantry</li> <li>- Under wheels lifting table (UWL)</li> <li>- Sanding equipment with 2 multi-energy connector boards</li> <li>- Submicron filter (double cartridge)</li> <li>- Storage cabinet</li> </ul>	<ul style="list-style-type: none"> <li>- UVA lamps for cassettes (infrared gantry)</li> <li>- Lifting table DUO : under wheels (UWL) and under frame (UFL)</li> </ul>



Integrated  
safety  
enslavement

# // FUNCTIONALITIES

This booth gathers on a single station and with the same floor space of traditional paint booth, all repairs of a vehicle, from preparation of the support to paint application, without moving the vehicle and under the responsibility of a single polyvalent operator.

**0** Vehicle move

**1** Single station

**2** Activities :  
Preparation / painting

Cleaning / degreasing



Masking



Mastic



Drying



Sanding



Dusting



Adjustable height



Undercoat and paint



UVA drying



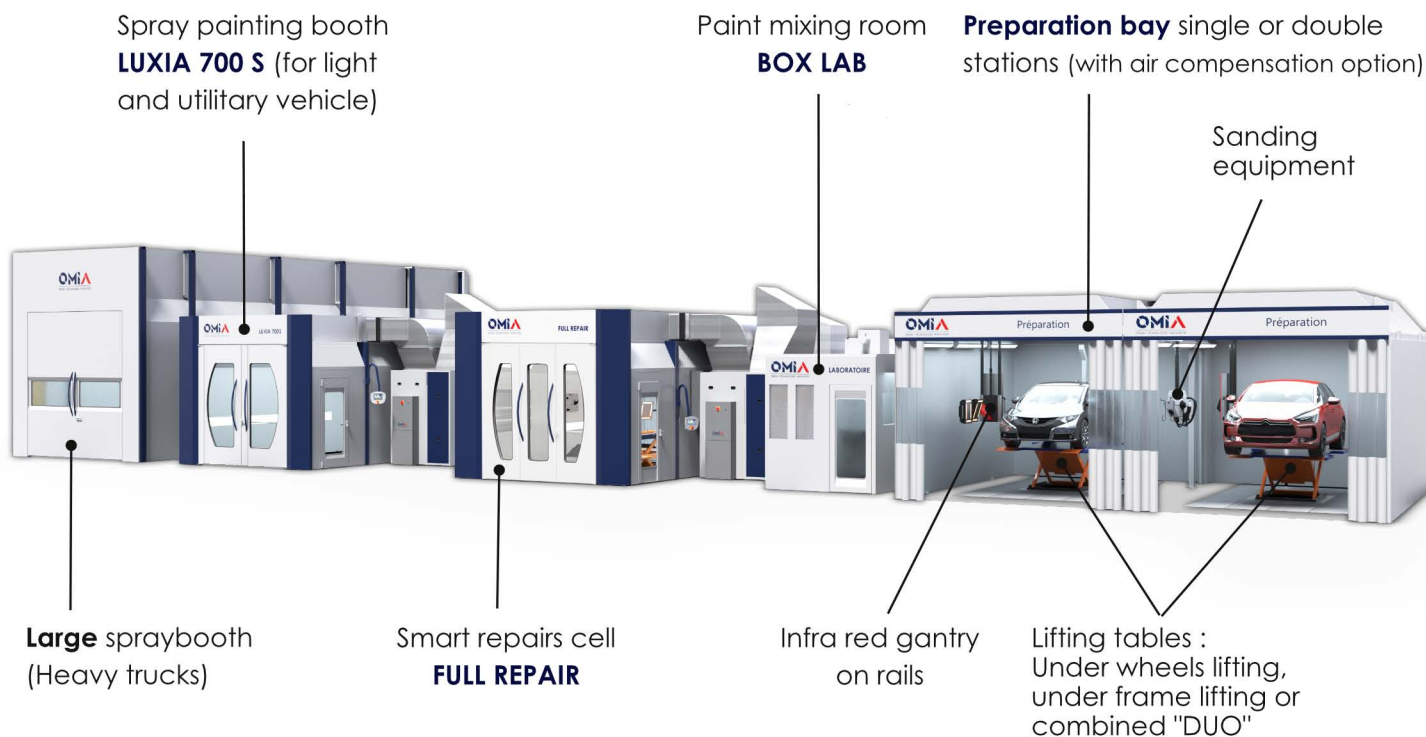
# // REPAIRS TYPOLOGIES

- Smart repairs and urban shocks
- 1 to 2 elements with impacts on light vehicles or separated parts
- Baking cycle : opportunities to treat larger surfaces  
Ex. lateral side of light vehicle, traditional mode with convection drying





# Other bodyshop equipment



## // AFTER-SALES SERVICES



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- Commissioning
- Maintenance
- Spare parts supplies
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DESIGN - TECHNOLOGIES - INNOVATION

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