

# INDIANA-II

# Spray Bake Booth



### Features & Benefits

**Chamber construction:** Nut bolted panel construction with proper insulation material (50 mm thick). Service door provided with wide opening for vehicle entry & exit. Super glass provided on main door panel for good working transparency.

**Touch up as well as painting:** In our design touch up painting as well as regular car refinishing could be processed.

**Operator comfort:** Filtered air supply & exhaust system provided during painting.

**Easy operation:** Painting & drying cycles are fully automatic.

**Drying cycle:** Drying the surface finish, 60°C temperature for 30 minutes.

### Process Principal

#### Painting Cycle

In this process, both suction & exhaust damper will be in open position. The blower will work as fresh air blower & solvent laden air will be exhausted through exhaust duct. The same time heating will be off.

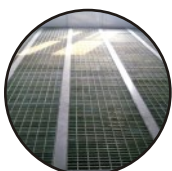
#### Drying Cycle

Both, suction & exhaust dampers will be in closed condition & the same blower will circulate the air over the heat exchanger inside the chamber

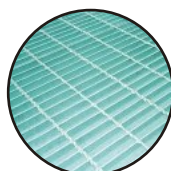


### Technical specifications

|  |  |
|--|--|
| Overall Dimensions                     | 7200 L x 5700 W x 3200 H (mm)                |
| Working Dimensions                     | 7000 L x 4000 W x 2500 H (mm)                |
| Fresh Air Filter                       | Special bonded filter down to 5 microne      |
| Service Door                           | 700 W x 2000 H (mm)                          |
| Illumination                           | Twin type industrial tube fitting - 6 x 80 W |
| Drying Temperature                     | 60° C  |
| Exhaust cum Hot air circulation blower | 1 x 24000 M <sup>3</sup> / Hr.               |
| Motor rating                           | 1 x 10 HP                                    |
| Thermal rating                         | 1,18,000 Kcal / Hr.                          |



Grate Floor



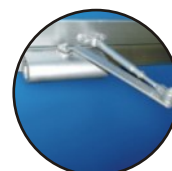
Floor filter



Burner



Door Hinges



Door Closer



Illumination

# Consultech at a glance

We, **Consultech Systems Pvt. Ltd.** are the leading designers and manufacturers in the field of Surface Coating Plants and Equipments. We offer Total Solution in the Field of Surface Coatings, that starts from consultancy, designing, engineering and commissioning of tailor-made systems for powder coating, liquid paint coating and Metal pretreatment, on turnkey basis, for all types of application requirements of finish coating for industrial and consumer goods.

The Company has established in the market since 1997. Our Best Quality Systems, Excellent Service Back-up, the unmatched superior workmanship and user friendly design is a specialty.

## We Undertake Turnkey Projects in Following Areas

- ▶ Industrial Paint Finishing Systems for Metal, Wood & Plastics.
- ▶ Metal Pretreatment Systems.
- ▶ Powder Coating systems, Batch type & Conveyorised / Automatic.
- ▶ Material Handling Systems (Conveyors).
- ▶ Standard Paint booths, ovens and air supply units.
- ▶ Large Down draft spray booths for heavy components.
- ▶ Spray booth cum oven for touch up & service stations.
- ▶ Industrial tunnel type spray washing machines.
- ▶ Shot blasting equipments and projects.
- ▶ Cathodic Electro Deposition (CED) & Paint Application System.



## Esteemed Clientele



Kirloskar, Tranter, Atlas Copco, Beckers, John Deere, Jotun, L&T Tengl, Manugraph, JSW, JCB, Essar, Durabuild, Tata Yazaki, Cummins, Sandvik, Miltech, Piaggio, Bajaj, Mahale, Greaves, Durabuild, Burckhardt Compression, Sulzer, Virgo, Kenersys, Bosch, Hyundai are registered trade marks of their respective owners

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