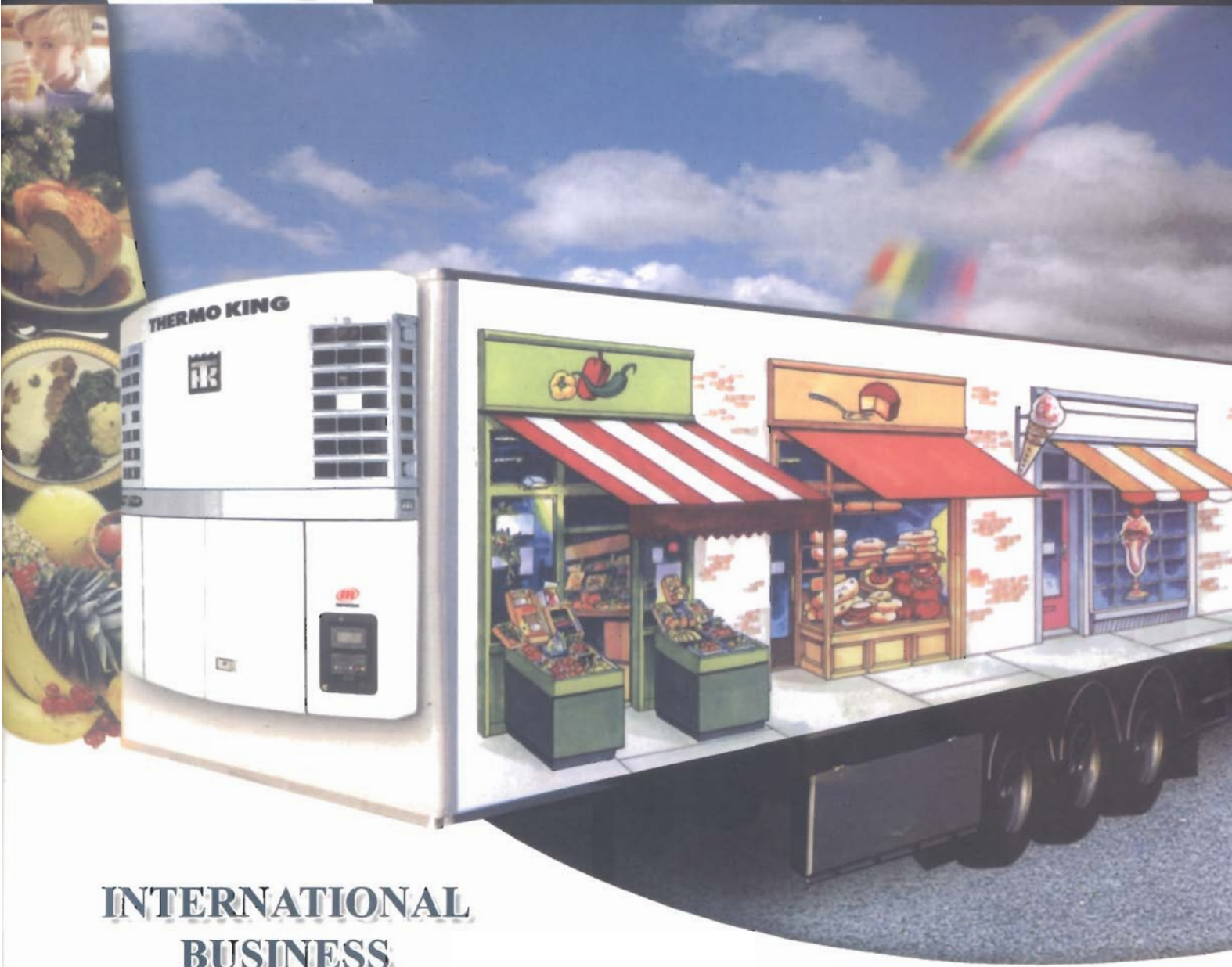


IBC



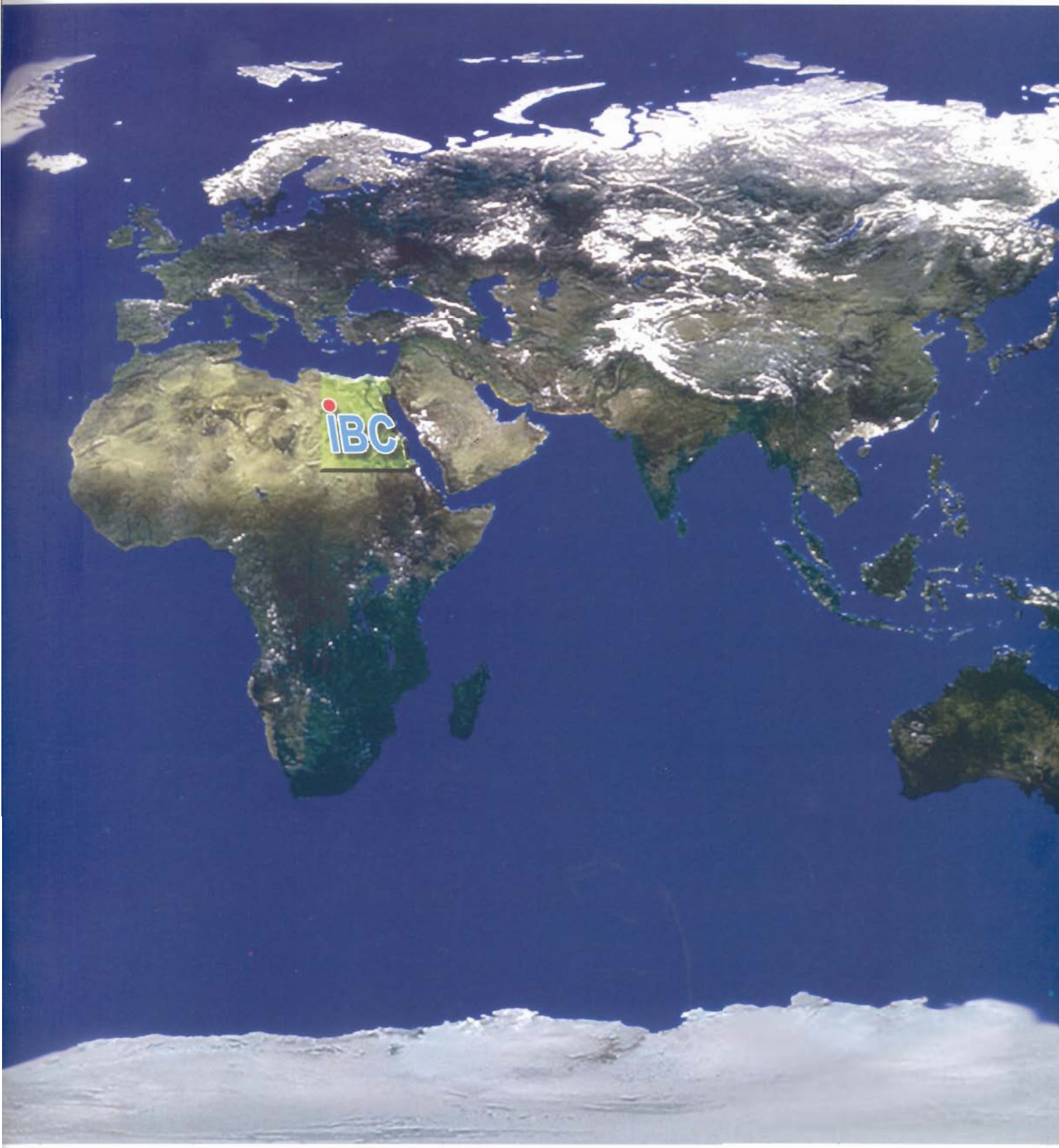
INTERNATIONAL BUSINESS CORPORATION

Marina Group Tel.: 02-6330039 - 010 5373562



3 rd Industrial Zone - Location # 181 - st., No. 8
6 th October City - Giza, - Egypt
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Dear Clients ...

It's of our pleasure to introduce our company which is considered the pioneer in the field of refrigeration and Air Condition in addition to some other activities in the field of automotive feeding industries.

The company was founded in the A.R.E as a share holder company (S.A.E) under the name of international Business Corporation (**IBC**) and had been assigned as agent for Thermo King corp., World leader in transport & buses air conditioning equipment. The company has also established a factory in 6th of October city in order to manufacture insulated boxes whether refrigerated or dry.

Our company has obtained a very advanced ranking in that field in Egypt and in Arab countries as well. Our clients are the largest local and international firms in the field of transport, food & beverage, pharmaceutical industries and many others in addition to almost all Egyptian Bus bodybuilders.

The company is also up-to-date with the latest technological facilities to provide you with the best products that matches the highest quality standards and environment preservation for customer satisfaction, the company has developed the most comprehensive network of after-sale outlets along with the highest trained technicians with the aim to provide all spare parts and services for the best prices and with the least possible duration.

Chairman

Eng. Ibrahim El-Tahhan



IBC



We have the pleasure to introduce our wide range of advanced refrigerated insulated boxes for truck-mounted transportation according to the latest technology available world wide using our high experties and best tools to obtain .



- Long life time for refrigerated unit.
- Light weight.
- Safety
- Rapid delivery.
- Good Taste & Beauty
- Possibility of producing all special orders and specification .
- Rapid and easy load and unload.
- Solve all platform problems.
- Warranty.



IBC
**International
Business
Corporation**

- The company supplies and installs coaches and Buses air conditioning units.
- Complete after - sale service accomplished in our advanced service centers where all spare parts are available, making sure our customers demands are fulfilled .
- High capacity production of insulated boxes of all sizes according to customers need facilitating the best quality raw materials obtained from high reputation sources world wide .



Insulated Boxes Construction :

Our factory in 6th of October city manufactures different types of insulated and dry boxes with different dimensions with the aid of the latest technologies available worldwide. Our products of insulated and dry boxes manufactured from best raw materials have very high quality which maintaining the below-zero temperatures even in the hottest weather.



Our boxes are also equipped to fit all Thermo King range of refrigeration units we would like to highlight matching of our prices to the ongoing economical conditions in the country where prices are studied very carefully to meet the customer's requirements. Our boxes are mainly constructed of the following:

1 - Walls and Ceiling

A) GRP sheets (European supplied) made of CSM or woven roving glass fibers for shock and scratch resistance specially treated for ultra-violet rays absorption, water & chemical resistance, high gloss and heat reflectance. These sheets form the inner and outer skins of the panels.

B) Insulating material is made of Styrofoam (Design specially for Refrigeration transport RTM or HD. "High Density") supplied by one of the biggest international companies working in that field styrofoam specifications are :

- * More than 40 Kg / M3 Density.
 - * Water absorption not more than 0.5% by weight by immersion.
 - * Heat transfer 0.025 W/m2.
 - * Foam is equipped with small longitudinal grooves in complete vacuum on the surface from inside and outside to provide flexibility for the box when vehicle is travelling on unpaved tracks or bumps.
- All raw materials used in manufacturing Styrofoam are environment friendly.



2- Floors

Floors are made from a layer of Styrofoam (HD 300) which stands highly concentrated loads (Loading forklift and pallets) where its density is 50 Kg / M3 and the Underneath surface of the floor is protected by layer of Plywood & GRP to prevent the penetration of any foreign objects Platform surface can be covered with each of the following :

A) **Using chemical compounds** : that provides high resistance to water, acids, bacteria, fungus and scratch and gives very attractive look. It can also have a smooth, shiny surface or rough surface according to customer's needs. These chemical surface are considered as the highest international standard in this issue.



B) **Using checkered plate** :

This type of surfaces are used to transport any kind of goods except fish and meat products.



C) **Using (T) section aluminum profile**

(specially made for our company) : mostly used in big boxes and semi-trailers to provide adequate air circulation to and from the cooling unit with no obstacles which achieves the best performance and prevents damaging of the cargo in the lower and rear portion of the box.

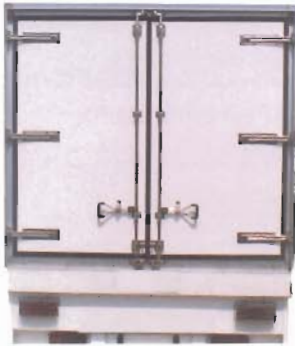


3- Doors

Doors are made with the same insulation materials & fitted with special frames on which rubber gaskets with 5 ribs are fixed in order to ensure proper sealing action and this gasket can stand temperature difference more than 50 ° C down to - 50° C with no effect on the rubber properties or the efficiency of the gasket.



Doors are also equipped with stainless steel accessories produced by the largest companies Specialized in producing heavy duty, best quality, high thickness and shiny accessories under any operating conditions.



We are also capable of manufacturing any kind of doors according to customer's needs.

Doors are also fitted with rubber bumpers to prevent colliding with the sides when opened

Stainless steel retainers are fixed on the door to keep it in position when door is open .



4- Lighting

Boxes are equipped with a number of lamps according to the size of the box. These lamps are dipped inside the roof, which makes it impossible to break when loading and unloading. They are also heat resistant and can stand temperatures down to -30°C.



5- General Information about procedure of assembly of Boxes & options :

Walls, roofs and floors are manufactured using adhesive materials that are imported for that particular purpose from the most reliable European companies and these adhesives are used as a primary component for the fabrication of walls and roofs. A special vacuum press is used providing adhering load up to 600 tons on the press area to ensure proper bonding of all used materials forming one rigid board known as Sandwich Panel. The complete vacuum provided by the press prevents the formation of any air bubbles in between the layers, which makes it straight and rigid the which ensures the nice look for our boxes with no special treatment or pint for the box body from outside which providing clear and straight Surface For advertisements .



1) Walls are assembled together using special materials making it impossible to break apart even in the cases of traffic accidents. These materials also provide flexibility for the box when traveling on the roads which prevents the occurrence of cracks and breaks to the panels.



2) Special Aluminum or PVC angles made exclusively for (IBC) by the largest companies according to special designs by (IBC) engineers. (these profiles are installed on all sides of the box with up to 6mm thick and 10cm wide) .



3) A new additional sub frame is manufactured in order to fix the box on which offer high strength.

Stainless steel Plates through hidden reinforcements within the box floor forming one piece assembled to the truck chassis using U shaped fasteners along with steel plates to prevent box sliding in ill directions.

4) Special reinforcement are fitted in front wall to fix the cooling unit providing high stability and longer lifetime for the unit.

5) Special features can be added to the box according to the nature of the cargo and the customer's needs as :

- Movable partition to allow one box to work as a multi-temperature box.
- Special hooks and rails for large meet bulks .
- Any kind of shelves and drawers to meet your demand.
- External crane platform can be fitted on the box to ease Loading and unloading.



The company have the right to change Material specification or // and design without any previous announcement

