

Insulated Truck bodies



CustomAir was established in 1992 cutting our grass roots in the operation of manufacturing and installing A/C units to the earthmoving industry. For the last 10 years we have been involved in the transport refrigeration sector, from importing European brands to now offering own manufactured produced range from off engine to diesel powered unique under mount units.

In addition we have now embarked on offering insulated bodies to suit the small to medium trucks, with our refrigeration units, CustomAir is worth looking at.

The reason behind attacking the insulated truck body market has been the lack of care and attention portrayed by some local body manufacturers, CustomAir can now offer one of the lowest thermal bridging of any body. This will result in achieving your desired temperature faster and greater holding.

Our insulated truck bodies are ideal for freezer application and more than perfect for chiller work. The reason for this is the high quality of the thermal properties of the European polyurethane material used in the construction. CustomAir can also give you better tare weight resulting in more legal payload.

These bodies arrive fully erect, CustomAir then carry out manufacturing the sub frame that is then galvanized to extend the life of your investment.

From there we install the body and commence trimming off in polished alloy rub rail and corner capping. With the finishing touches our bodies look the part, not just on the day of delivery but for years onward.

Standard features:

- Gloss white exterior finish
- Sky blue inertia finish
- Stainless steel load lock and bars
- Non slip fibreglass floor (optional alloy and Stainless steel on request)
- Double side (800 & 500mm) configuration.
- Barn rear doors (triple & roller on request).
- Stainless steel flush door handles with locks.
- 4" × 4" × 3mm polished alloy capping
- 8" × 3mm polished alloy rub rail
- Stainless steel rear door frame with grab handles

We have more to offer, please contact us for a detailed quote.



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Standard Specification of Bodyworks

Complete Bodywork Thermal co-efficient	: < 0.40W/m ² k * Finished products
Thermal Factor of PU foam	: 0.021W/m ⁰ c (conductivity of PU –raw materials)
Insulation Container Technology	: Mono-bloc Sandwich Panel (Dry & Wet process)
Complete Bodywork Compressive Strength	: 3.8 Mpa
Complete Bodywork Tensile Strength	: 8 Mpa
Complete Bodywork Sheer Strength	: Est. 500 Kg /sq.m
Core Panel Density	: 42-45kg/sq.m
External and Internal GRP Skin	: 0.6mm
Woven Clothing	: 6 layers depending on size.
Weight of panels	: Est. 15kg/sq.m to 90kg/m
Standard Thickness	: 82mm for all panels except Floor to be 96-105mm
Insulation for Core panels	: Germany imported * Puren
Insulation Materials	: GRP / Polyurethane / GRP (GRP Glass Reinforced Polyester
Bodywork Finishing	: Natural White gel-coat impregnated in GRP
Bulkhead	: Brace for Refrigerated System
Door Opening	: Optional Lateral or left Side Door and 2 Rear fully swing door
Door locking Devices	: Stainless Steel recessed
Roof Lamps	: Flushed Lamps
Floor Type	: Non slip or alloy
Door Step Entrance	: Flushed Step
Aluminum Kick-Strip	: Optional
Rear Door Frame	: Stainless Steel
Door Rubber Seals	: Standard Grey (2 + 5 lip seals)
Panel Reinforcement	: Inclusive throughout the entire Panel (1 per 30-50cm interval)
Panel Compression Strength	: >0.15 Mpa
Panel Air-Leakage Route	: < 1.2
Panel Closed Cells Ratio	: 90-95%
Panel water vapor permeability	: <4.5% ng/Pa.m.s (23 +/- 2'C- 0'C @ 85% RH)
Panel Water absorption	: <3% (V/V)
External & Internal Polyester Skin Basic Information	
Compressive Strength	: 180 Mpa
Flexural Strength	: 220 Mpa
Sheer strength	: 24.6 Mpa

