

**MAXUS**

**V80**

**Built To Work**



# **NEGATIVE PRESSURE AMBULANCE**

**STOP!**  
**COVID-19**

★ **WESTSTAR**

# MAXUS V80

## MALAYSIA'S FIRST NEGATIVE PRESSURE AMBULANCE

The MAXUS V80 Negative Pressure Ambulance, a first of its kind is the Frontliner Solution to flatten the curve during this Covid-19 pandemic. Over 200 units of these custom-built ambulances designed by SAIC were assembled for immediate usage in Wuhan. Following its success, the ambulance has been purchased by the governments of Australia, Saudi Arabia, Bahrain and Qatar to manage the crisis.

The Negative Pressure isolation Transfer Technology is proven to control the spread of the epidemic respiratory infectious disease. The air discharged from the ventilation is purified to ensure ZERO contamination.



- 1 *Fiberglass Moulding Panels & Cabinets*
- 2 *Waterproof, Chemical-proof & Decay-proof Resistant PVC Integral Foam Floor Board*
- 3 *Ozone Generator*
- 4 *Ozone Regulator*



5 Isolation Pod  
6 Cabinet & Electrical Power Points



7 Bright Interior Lights & UV Sterilizer Lamps  
8 Isolation Pod Electronic-Control Negative Pressure



9 Airtech On-board Negative Pressure Purifier

Specification	Long Wheel Base Mid Roof
<b>Engine</b>	
VM Motori Eco-D 2.5l turbo diesel Euro IV engine with: Bosch electronically controlled common rail direct fuel injection system; Turbo charger and intercooler; Aluminium cylinder head; Cast iron block with cylinder wet liners; Polymer skirted pistons; Exhaust gas recirculation (EGR);	•
4 cylinders (16 valves); 92mm x 94mm (bore x stroke); 2499 cc total displacement; 100kW @ 3800rpm; 330 Nm @ 1800 – 2600rpm; 17.5:1 compression ratio.	
<b>Transmissions</b>	
Six speed manual transmission.	•
<b>Fuel Usage &amp; Capacity</b>	
Fuel Tank Capacity(litres)	80
Fuel Consumption (combined L/100km as per ADR 81/02)	8.9
<b>Steering &amp; Handling</b>	
Hydraulic power assisted rack & pinion steering	•
MIRA suspension and steering tuning	•
Macpherson struts (front)	•
Taper leaf springs with gas filled shock absorbers (rear)	•
<b>Wheels &amp; Tyres</b>	
16" Alloy with 215 / 75 R16C tyres	•
<b>Brakes</b>	
Ventilated front disc brakes 294mm with twin piston calliper	•
Solid rear disc brakes 304mm with single piston calliper, rear disc middle drum handbrake	•

Specification	Long Wheel Base Mid Roof
<b>Interior Features</b>	
Air conditioning (front and rear)	•
Power windows (front)	•
FM/AM/MP3 Player	•
8 way adjustable driver's seat	•
Bench seat to fit three occupants	•
Driver's fold down arm rest	•
Driver and passenger deep door pockets	•
Bluetooth	•
<b>External Features</b>	
Power side mirrors with turn signals	•
Fog lamps front	•
<b>Cargo Area</b>	
Low cargo floor height	•
Non slip entry steps	•
Heavy duty cargo floor mat	•
Cargo area lighting	•
<b>Safety Features</b>	
Anti skid braking system (ABS)	•
Electronic Brake Force Distribution (EBD)	•
Driver and passenger airbags	•
Reverse parking sensors	•
Remote central locking	•
LED parking lamps	•

Specification	Long Wheel Base Mid Roof
<b>Dimensions &amp; Weight (mm &amp; kg unless specified otherwise)</b>	
Length (mm)	5700
Width (mm)	1998
Height (mm)	2345
Wheel base (mm)	3850
Turning circle (m)	14.8
Cargo area length (mm)	3300
Cargo area width (mm)	1770
Cargo area height (mm)	1710
Wheel arch width (mm)	1380
Rear door opening width (mm)	1550
Rear door opening height (mm)	1580
Side door opening width (mm)	1290
Side door opening height (mm)	1590
Gross vehicle mass (kg)	3500
Front axle capacity (kg)	1700
Rear axle capacity (kg)	1800
Payload (kg)	1419
Nett weight (kg)	2081
Cargo volume (cubic metres)	10.4