

### ENGINE:

The **11 Seater Personnel Carrier** is powered exclusively by a Cummings 4B 3.9ltr engine which can be either naturally aspirated or turbo charged.

### TRANSMISSION:

5-speed manual gearbox and transfer case with optional gear lockouts is mated to the engine via a sintered iron clutch plate with a Dana taper ring pressure plate.

### BONNET:

A unique Kowari bonnet has been developed for the **11 Seater Personnel Carrier** and is made from impact resistant and fire retardant plastic. The bonnet is not subject to corrosion, is lightweight and is able to flex with the vehicles operation.

### VEHICLE CONFIGURATIONS:

- Dedicated Ambulance
- Emergency Response Vehicle
- Mobile Workshop
- Delivery Van
- And Many More

### OPTIONAL COMPONENTS:

- Heating and or Air-Conditioning
- On-board Fire Suppression
- KAB suspension seating
- Rear Barn Doors
- Back Saver Crane
- Many More



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# Kowari Motors Pty Ltd

## 4WD MOVERS IN MINING

# 11 Seater



# Personnel Carrier

**Kowari Motor's** all new **11 Seater Personnel Carrier** was developed out a need to comply with the coming requirements of having all passengers facing the direction of travel.

This vehicle can be configured with barn doors on the rear. Fitted with a back saver crane or a Lyco Loader, the **11 Seater Personnel Carrier** can double as a service vehicle for pick up and deliveries.

Another advantage of the **11 Seater Personnel Carrier** is its ability to double as an ambulance or be configured as a dedicated emergency vehicle.

The current model 4WDs do not have the length in the rear to allow a stretcher to be carried with the rear doors closed, nor do they have the carrying capacity for personnel.

It has become common practice to carry out extensive modifications on current model 4WD stations wagons, however they still do not have the carrying capacity of the **Kowari 11 Seater Personnel Carrier**.



Made of the same design criteria and rugged construction as the MK II and 3 Tonne Kowari vehicles, the **11 Seater Personnel Carrier** is ideal for the harshest of underground or open cut mine conditions.

#### **DESIGN AND DEVELOPMENT:**

Constant trialing, research and development and valuable feedback from clients has allowed the **11 Seater Personnel Carrier** to develop into the present high standard of product now available

The utilisation of state of the art Auto Cad drawings and laser cut materials ensures properly engineered consistent and accurate component and body panels. Parts are assembled and MIG welded in jigs that maintain product consistency.

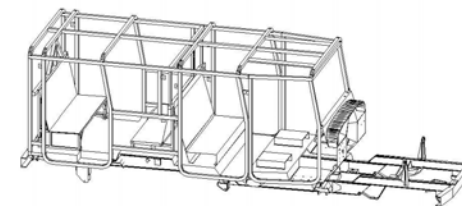
#### **CHASSIS:**

Perhaps the most important feature of the **11 Seater Personnel Carrier** is the sealed flexible RHS chassis. An open chassis is the weak point in any underground vehicle and once mud and water get into the chassis it corrodes rapidly and vehicles can literally break in half. The **11 Seater Personnel Carrier** chassis is entirely sealed and is of solid design whilst still maintaining flexibility. Chassis are all built identically making them adaptable to a open or fully enclosed cab. The **11 Seater Personnel Carrier** is also available in different body variations.

Sandblasting and the application of a tough two-pack epoxy paint system achieve long life and rust resistance.

#### **CAB:**

The **11 Seater Personnel Carrier** features solid construction with a falling object protection system and roll over protection system. The cab is very spacious and is constructed with zincaneal panels with the firewall and floor pan fabricated from 3CR12 stainless steel sheet. Wide anti burst and anti intrusion doors facilitates ease of entry. The interiors have high headroom and wide seating allowing ample room for miners with full underground equipment to sit comfortably in the cab.



#### **SUSPENSION:**

The **11 Seater Personnel Carrier** is assembled in a production line by specifically trained mechanical fitters. Starting with a chassis, heavy-duty multi leaf springs are fitted to the front whilst on the rear are special parabolic springs, which will last the entire life of the vehicle. The **11 Seater Personnel Carrier** uses Dana axles front and rear. The vehicle is fitted with disk brakes all round. All brake lines are stainless steel and brake callipers are chrome plated to resist corrosion and extend brake life.