

A NEW GENERATION

IN VEHICLE SAFETY

INNOVATION Patent No. 2010100832



*MACS Engineering
'next generation'
Over Cab ROPS*



KEY FEATURES:

- Designed specifically to suit dual cab vehicles fitted with Side Curtain Airbags.
- Eliminates all of the potential hazards that accompany internal ROPS/Roll Cages.
- Significantly improves occupant access, head clearance & comfort.
- ROPS is completely independent of the tray, eliminating rear stays in the tray.
- Better utilisation of tray space and fitment of tray canopies.
- Safe, secure storage in central location on ROPS for safety equipment & accessories.
- Allows removal of unsecured items from within the vehicle cabin which may become projectiles in the event of an accident.
- Compact, low profile design, aesthetically pleasing & functional.
- Twin structural truss beam design.
- FEA testing by an independent FIA certified company.
- Designed and tested to equal the current industry load standard performance targets.
- Front & side profiles incorporate latest independent research & rollover crash test findings.
- Manufactured from cold drawn welded (CDW) tubing.
- BMA Approved External ROPS.



MACBUILT BODIES®



MACS Engineering 'next generation' Over Cab ROPS



OPTIONS

- ROPS mounted tool boxes
- Elevated tail lights or high mount light bar
- Fixed or removable head board with mesh mounted to the tray
- Under body tool boxes and water tanks
- Tray mounted tool boxes
- Provision for 2.5 or 4.5kg Fire Extinguisher to be mounted to ROPS
- Tie down points in tray floor
- MACS Mine Spec Bull Bar
- Tray mounted canopies (fiberglass, alloy, steel)



RESEARCH DRIVEN COUPLED WITH INNOVATIVE DESIGN

Since 2008, MACS Engineering has been working closely with researchers, designers, the mining industry, relevant Government Departments and other key stakeholders to develop state of the art ROPS products to suit vehicles fitted with side curtain air bags. The primary objective was clear: develop a practical, aesthetically pleasing product which will eliminate all of the potential hazards that accompany internal ROPS/Roll Cages and maximise survival rates in the event of a roll over.

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