

OUR RANGE OF EMERGENCY REFUGE CHAMBERS

MINE SHELT' AIR

TUNNEL SHELT' AIR

COAL MINE SHELT' AIR

MINE SHELT' AIR



COMPACT

(Safe-refuge even in the most remote, inaccessible parts of the mine)



STANDARD

(The world's most intuitive emergency refuge chamber)



MODULAR

(Designed to fit within a cage and then be fully assembled underground)



PERMANENT

(32-500+ people)

TUNNEL SHELT' AIR



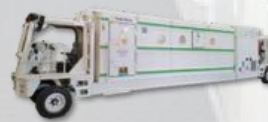
TUNNEL MACHINES

(Adapts to different manufacturers)



RAIL / ROAD

(Evolution on railway tracks)



MSV

(Multi-Services Vehicles)



AD HOC

(In Complex situations)

COAL MINE SHELT' AIR



COMPACT



STANDARD



LOW SEAM

(Designed for underground coal mines with low seam heights)



PERMANENT

OTHER DESIGNS



FIRERESISTANT



MENRIDER
(Personnel Transportation
Pressurized)



**EMERGENCY VEHICLE
ELECTRIC**

CORE FUNCTIONS



Provide miners with a secure, safe haven during underground emergencies.



Ensure a well-lit, climate-controlled interior to minimize anxiety and promote comfort during emergencies.



Filter, over-pressurize, and oxygenate the internal air volume to ensure a safe and breathable environment.



Autonomy of
Designed for a minimum of
36 hours of self-sustained life
support.



Real-Time Environmental
Monitoring – Inside and Out



Fully Compliant with Global
Emergency Shelter Guidelines

KEY BENEFITS OF THE REFUGE CHAMBER



Advanced air management system with integrated CO/CO₂ scrubbing.



Maintains internal overpressure to safeguard against external contaminants.



Engineered for durability and harsh underground conditions.



Real-time monitoring of internal conditions and critical shelter parameters through the intelligent AirGuardian™ system.



Flexible design with adjustable size and capacity options.



Designed for easy transport with skid-mounted base and versatile lifting options for easy transport options.



Advanced refuge control with touchscreen automation for ease of use.



Easy-to-use system tailored for emergency conditions.



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Manufacturing – Johannesburg
Sales Office – Cape Town

EQUIPMENT

Chemical Toilet

First aid kit

Digital Gas Monitor

Defibrillator

Air Conditioning

Scrubber

AirGuardian

FOR MORE
INFORMATION

