



SPECIALIZED CONCEPT (PTY) LTD.

85 Silicon Str. Polokwane, South Africa

CUSTOM MAJOR / MEDIUM PUMPER 4x2 WITH NFPA 1901 TYPE CREW CAB

Revision:0.1
Date: 07/01/2025



NOTE: PICTURES SHOWN ARE FOR REFERENCE ONLY. FINAL PRODUCTION WILL BE BASED ON END USER REQUEST.

TECHNICAL SPECIFICATIONS

SCOPE OF SUPPLY

- A Custom Pumper with NFPA type crew cabin 4000 litres Water, 500 litres foam and pump compartment.
- Ziegler PTO Driven 3500 l/min @ 10 Bar and 400 l/min @ 40 Bar fire pump.
- 4x2 custom chassis with NFPA type Crew Cab.
- Crew Capacity 2 + 4 with individual or Bench SCBA Seating
- Cummins ISG 12 350 - 500 HP (261 - kW) 1800 - 2200 Nm @ 1200 to 1600 RPM
- Fast / CAT CX 28 fully automatic transmission (6F&1R)
- ZF 8089 Steering
- Wabco ABS and EBD braking.
- Electronic Stability Control (ESC)
- Emissions EURO (III, IV, V)
- 360 deg Bird's Eye View Camera System
- Fire Fighting Superstructure with Roller Shutter Doors, three (3) on each side and one (1) rear pump compartment. Slide and pull out shelves.
- Ziegler PTO Driven Pump 3500 l/min @ 10 Bar and 400 l/min @ 40 Bar
- Foam System preset 1%, 3%, 6%.
- Water and Foam Tanks 4000 l water and 400 l foam with two (2) 450 mm manholes. Stainless Steel or Polypropylene, baffled
- Rear Access Ladder
- Manufactured according to the norms of NFPA 1901
- Chassis and Body Management system with CANBus control and full vehicle telemetry.

FIRE FIGHTING SYSTEMS

- PTO Driven 3500 l/min @ 10 Bar and 400 l/min @ 40 Bar fire pump with foam System preset 1%, 3%, 6%.
- Four (4) 65 mm BIC Deliveries, rear or side.
- Two (2) High Pressure Hose Reels
- Electronic Deck or Bumper Monitor can be joystick or remote control.
- Pneumatic valves with controls at Pump Panel and in the Cabin.
- Optional Pump and Roll
- Lighting as per NFPA 1901

CREW CABIN

- Four (4) Door Modern Style Metal Crew Cabin
- Low Entry an compliant to NFPA 1901
- Left Hand Drive / Right Hand Drive (LHD/RHD)
- Driver Seat Air suspended and fully adjustable
- Commander Seat with SCBA Backrest, fully adjustable
- Crew Seat Options:
 1. Individual seating each with SCBA Backrest
 2. Rear Bench Seat with four (4) SCBA Backrests
- Vehicle Controls and Gauges on LCD Screen
- Cabin Controls for Firefighting Systems on Touch Screen within reach of driver and Commander.
- Camera Display Screen
- Stowage spaces for equipment

EQUIPMENT

- Equipment as per end user requirement.
- Securely stowed and mounted using custom brackets.