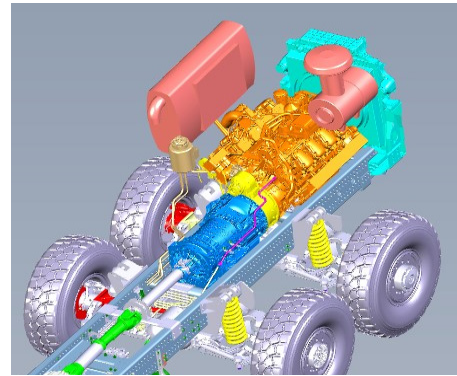
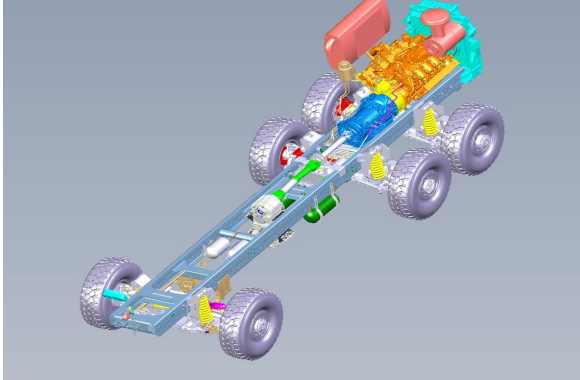




SPECIALIZED CONCEPT LTD.

Jackaria Str. Pailles, Mauritius

CUSTOM AIRPORT RESCUE FIREFIGHTING (ARFF) CHASSIS 6x6 NFPA 414:2020 & ICAO Doc 9137



NOTE: PICTURES SHOWN ARE FOR REFERENCE ONLY. OF PREVIOUS BUILDS AND / OR DEVELOPMENTS THE FINAL PRODUCT WILL BE BASED ON END USER REQUIREMENTS

TECHNICAL SPECIFICATIONS

SCOPE OF SUPPLY

- SCL Custom ARFF 6x6 chassis (High Yield Frame)
- Scania DC 318A 522 kW Euro 6 Rear Engine
- Alisson 4800 6 Speed Full Automatic transmission
- SCL Power Divider PTO (Engage at any speed)
- World first Specialised Hydraulic Adaptive Suspension system for exceptional vehicle stability.
- GVM load rating up to 39 000 kg
- Electrical System 12V / 24V
- DiscBrake system (ABS & EBD) & Pneumatic System
- Steering System (Right / Left of Centre / Centre)
- LCD Screen Chassis Control and Display.
- Chassis telemetry and telematics
- Single wheel application with specialized 16R20 tyres rated to 120 km/h.
- Fuel Tank 300 litres

DRIVELINE & AXLES

- Specialized ARFF Transfer Case with 30-70 power distribution and differential lock.
- Emergency Steering Pump.
- Rear Mount Engine Configuration
- 3 m wide special ARFF axles with 13000 kg rating.

ADDITIONAL OPTIONS

- Roof and Bumper Monitors with joystick controls and screen integrated in cabin.
- Complete NFPA 414 Body and Tank design.
- Final product certification to NFPA 414 requirements.

CREW CAB

- Crew 1 + 5
- Two large, wide opening doors. (90 degrees)
- Steering System (Right of Centre / Left of Centre / Centre Steer)
- Customisable Controls and Screens
- SCBA Seating on all crew seats
- Emergency Lighting as per NFPA 414
- Air conditioner
- Bumper Monitor Mount
- Roof Monitor Mount and access hatch with ladder from cabin.
- Fully compliant with NFPA 414:2020 Section 4.12.
- Compliant to ECE R29-3.

CHASSIS AND BODY CONTROL SYSTEM

- Dual LCD Touch Screens, one (1) ergonomically mounted in the cabin in easy reach of driver and operator and one (1) at the pump panel.
- Chassis control seamlessly integrates with body control system
- Control provided for PTO, Scene Lighting, Emergency lighting, Pump, Monitors, Hose Reels, DCP, Groundsweeps, Auxiliary Agents, Foam System etc.
- Customised to End User requirements with the end user logo.
- Chassis Telemetry and Telematics (Data Recorder)
- CanBus Technology
- Fully Prepared for a body harness (plug-in) from the cab to the control systems. (body builder prepared)

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