

This general arrangement is for tender submission purpose only and whilst being representative of the design of the appliance, some details may vary depending on the customer's individual specification.

E1 MANTICORE (NFPA 414 - ARFF 4X4)

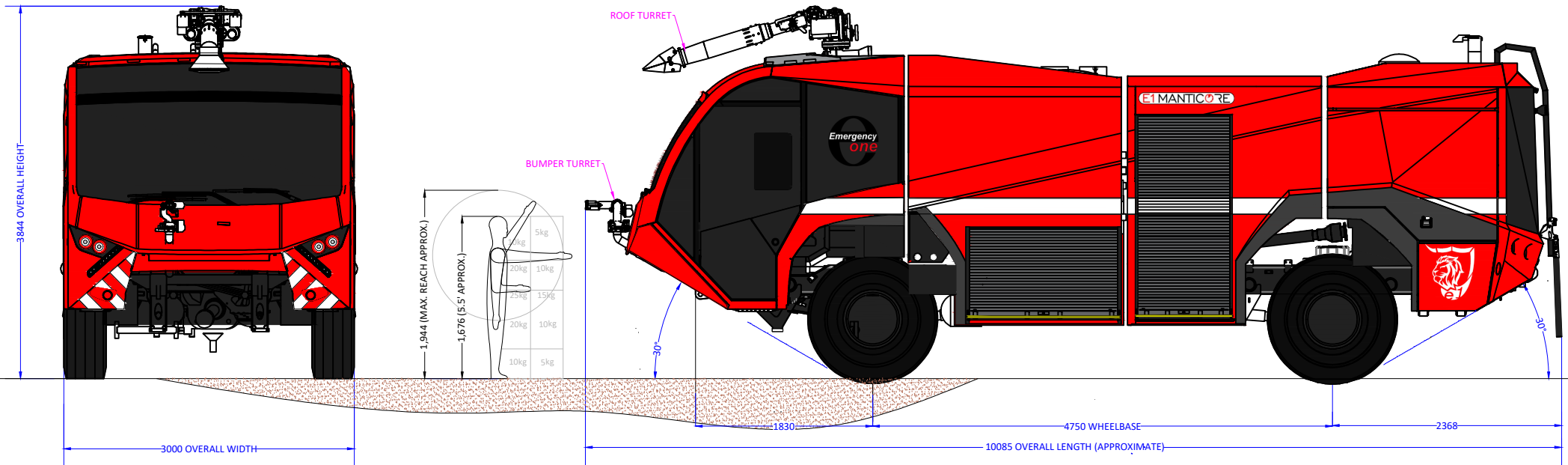
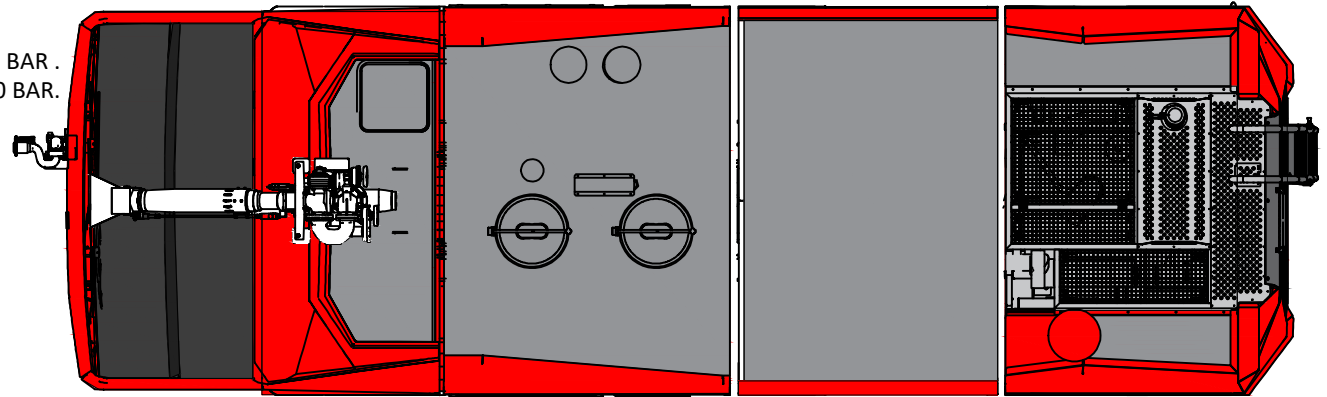
VEHICLE MODEL: E1 MANTICORE 4X4
WHEEL BASE: 4750mm
GVW - 26,000KG

DESIGN NOTES:

- ARFF CABIN 1+1+2+ (CERTIFIED ACCORDING TO ECE R29-3).
- WATER TANK: APPROX. 7000L.
- FOAM TANK: 1000L.
- ROOF TURRET: ALCO APF 4U-DC GRUNDGERAET M120X2 / VK, 6000 L/MIN 8 BAR .
- BUMPER TURRET: ALCO APF 2-DC EVO GRD G21/2-MZV 2000, 2000 L/MIN 10 BAR.
- DRY POWDER SYSTEM: GLORIA PLA 135 (135KG).
- PUMP MODULE AND FIREFIGHTING SYSTEM.
- ENGINE COMPARTMENT (CERTIFIED BY SCANIA).
- CONSPICUITY / LIVERY DESIGN TBC.

CHASSIS

- SCANIA DC16 092A, V8-CYL. DIESEL ENGINE.
- EXHAUST EMISSION ACCORDING TO TIER 4F .
- KESSLER LV3000-PTO.
- KESSLER AXLES WITH DISC BRAKES.
- PERMANENT ALL-WHEEL DRIVE WITH DIFFERENTIAL LOCK.
- PROGRESSIVE COIL SPRING SUSPENSION WITH DOUBLE-BUMPERS. STABILIZERS TO GUARANTEE SUPERIOR OFF-ROAD CAPABILITIES.



REVISION NOTES	DO NOT SCALE	REV	DATE	BY	STATUS	Emergency one		LEAD JOB
REVCOMMENT		A	30/08/22	LN	CHECKED			
					APPROVED			
					A4		THIRD ANGLE	
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						TITLE:	NFPA 414 - ARFF 4x4 General Arrangement	
						DWG No.	GA-10138 / A	SHEET 01 OF 01