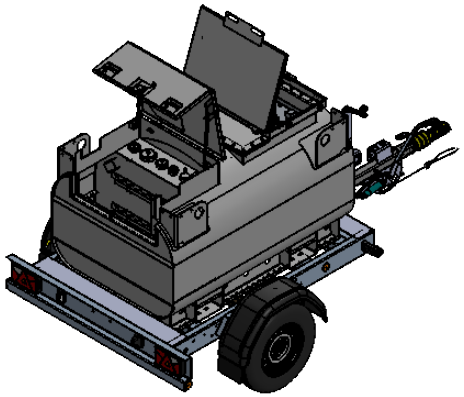
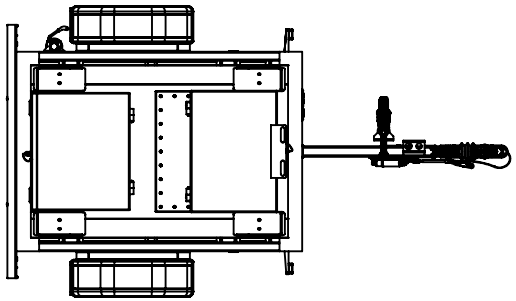
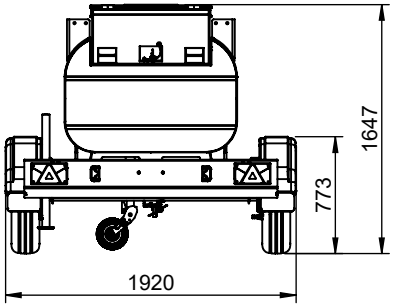


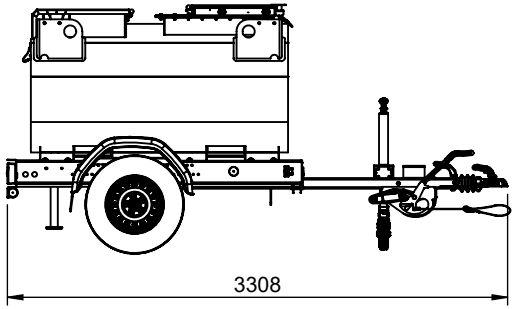
ISOMETRIC VIEW



PLAN VIEW



FRONT VIEW



SIDE ELEVATION

TRAILER DETAILS	
MODEL NAME	531600
MAXIMUM GROSS WEIGHT	1800 KG
AXLE TYPE	SINGLE AXLE
MASS IN RUNNING ORDER	280 - 305 KG
TRAILER LENGTH	3308 MM
TRAILER WIDTH	1920 MM
TRAILER HEIGHT	773 MM Minimum

GENERAL NOTES

1. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.
2. UNLESS OTHERWISE INDICATED, NOZZLE PROJECTIONS ARE MEASURED FROM TANK CENTERLINE.
3. ALL STEEL MATERIAL ARE ASTM A36/EN 10025 S235/IS2062/Q235.
4. BEFORE SHIPPING, THE TANK MUST BE INTERNALLY CLEANED, DRAINED & DRIED.
5. UNLESS OTHERWISE SPECIFIED, THE FILLET WELD THROAT SIZE FOR NON PRESSURE PARTS TO BE 0.7 TIMES OF SMALLER THICKNESS.
6. ALL SHARP CORNERS SHOULD BE ROUNDED OR CHAMFERED.

DESIGN FEATURES NOTES

1. BUNDED FUEL TANK.
2. ADR-CERTIFIED INTERMEDIATE BULK CONTAINER (IBC) - MANUFACTURED FROM 3MM MILD STEEL AND PRESSURE TESTED.
3. IBC IS SURROUNDED BY A BUND TO PREVENT ANY SPILLAGE IN THE UNLIKELY EVENT OF THE IBC LEAKING.
4. FILLING POINT, PRESSURE RELIEF VALVES BENEATH A HINGED, LOCKABLE HATCH.
5. HATCH IS COMPLETELY REMOVABLE TO ALLOW PERIODIC INSPECTION OF THE INSIDE OF THE BOWSER.
6. SECURELY CONTAINED DIESEL FUELLING SYSTEM -12V DC FUEL PUMP, DIGITAL FLOW METER, 6M OF DELIVERY HOSE WITH HOSE REEL .
7. PAINTED WITH WET PAINT SYSTEM.
8. PRIMARY TANK INNER SURFACE IS SPRAYED WITH OIL.

DESIGN DATA	
DESIGN STANDARD	UN31A/Y
DESIGN PRESSURE	ATMOSPHERIC (14.5 PSI)
DESIGN TEMP	50° C
CAPACITY	670L / 218L
SAFE FILL VOLUME(95%)	637L / 207L
MATERIAL OF CONSTRUCTION	ASTM A36/EN 10025 S235/IS2062/Q235
TANK TYPE	DOUBLE WALL, BUNDED, COMPARTMENT
EXTERNAL TANK SIZE	1700(L) X 1140(W) X 1112(H)
EXTERNAL WALL THICKNESS	3 MM ALL OVER
PRIMARY WALL THICKNESS	3 MM ALL OVER
BAFFLE THICKNESS	2 MM
PRESSURE TEST	PRIMARY TANK- 3 PSI/21 KPA FOR 20 MINUTE EXTERNAL TANK FILLED WITH WATER FOR 20 MINUTE
WEIGHTS IN KG.	
EMPTY CONDITION	645
HYDROTEST CONDITION	1515
OPERATING CONDITION	1411

REV.	DESCRIPTION	DATE	CHECKED	APPROVED	REMARKS
00	ISSUED FOR MANUFACTURING	01-09-2025	01-09-2025	01-09-2025	

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TOLERANCES:
≤100 ± 2
≤1000 ± 3
ANG ± 0.5°

PROJECT TITLE: **SETANTA FUEL WARRIOR**

SHEET TITLE: **SALES GA**

PREPARED:	N.SHETTY	DATE:	01-09-2025
CHECKED:	G.R	PO:	NA
APPROVED:	D.M	SCALE:	NTS
PART NO.:	SDF-650-220L-A-00.0.0.000	REV.:	00
DWG. NO.:	DG-SDF-650-220L-SGA	SHEET NO.:	01 OF 01

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