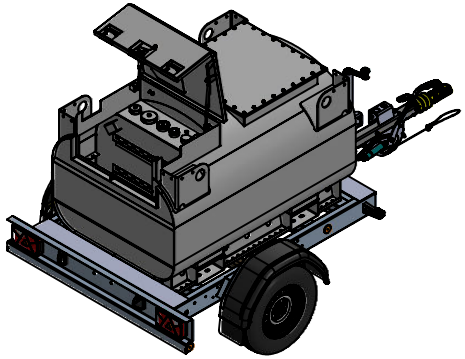
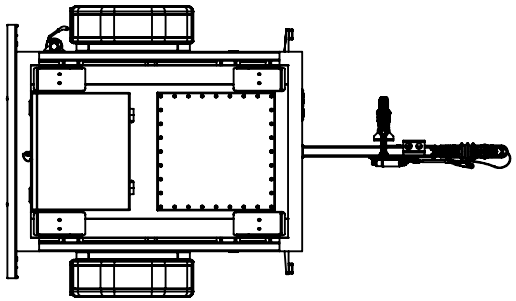
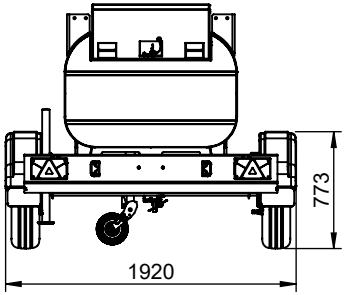


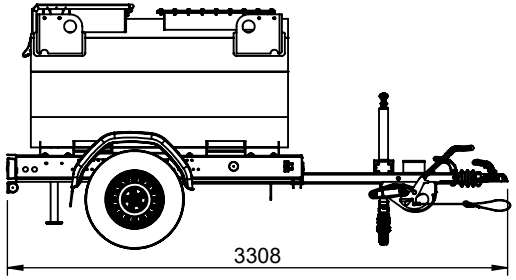
ISOMETRIC VIEW



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 | 1025L |
| SAFE FILL VOLUME(95%) | 974L |
| 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 1080(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<br>EXTERNAL TANK FILLED WITH WATER FOR 20 MINUTE |
| WEIGHTS IN KG. | |
| EMPTY CONDITION | 505 |
| HYDROTEST CONDITION | 1510 |
| OPERATING CONDITION | 1333 |

| 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.: | SFW-1000L-A-00.0.0.000 | REV.: | 00 |
| DWG. NO.: | DG-SFW-1000L-SGA | SHEET NO.: | 01 OF 01 |

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