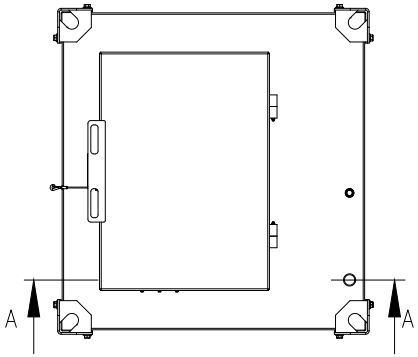
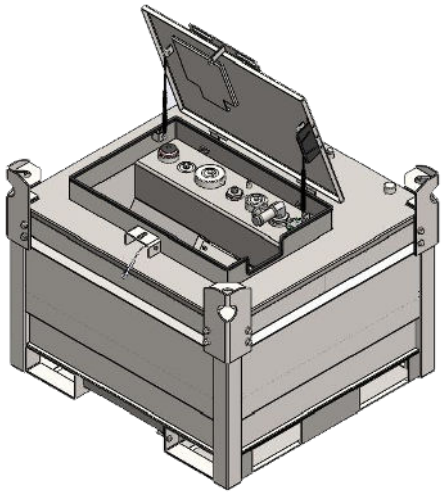


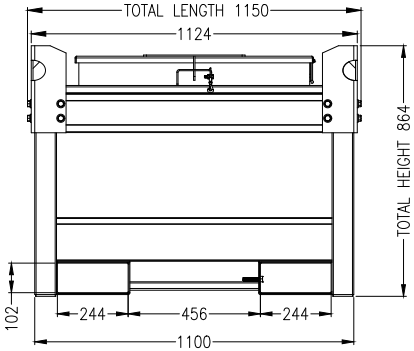
SECTION A–A



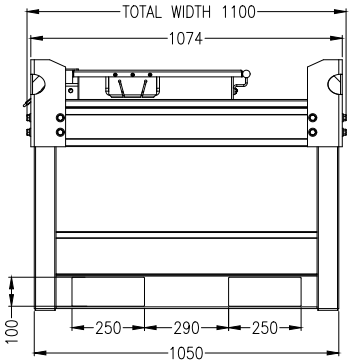
PLAN VIEW



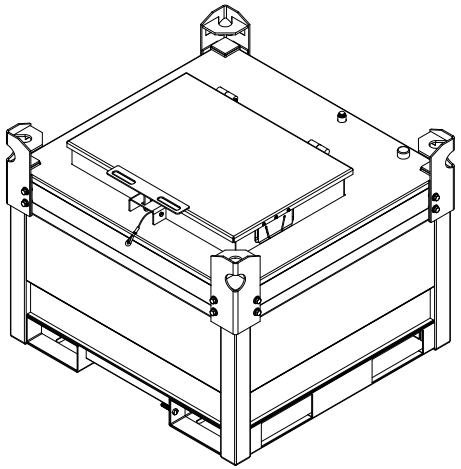
ISOMETRIC VIEW 2



FRONT ELEVATION



SIDE ELEVATION



ISOMETRIC VIEW 1

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.
7. GRIND THE WELD BEAD SMOOTH

DESIGN FEATURES

1. BUNDED FUEL TANK.
2. FORKLIFT POCKETS ARE TO ALLOW EASY AND SAFE HANDLING.
3. DESIGNED TO STACK INSIDE SHIPPING CONTAINERS AND ACROSS TRUCK BEDS PROVIDING ECONOMICAL TRANSPORTATION.
4. UNIQUE CORNERS FOR EXTRA STRENGTH AND HOSE OPENING IN SIDE TO ALLOW TANK TO BE USED WHEN LOCKED.
5. BUNDED OUTER TANK CAPACITY 110% OF VOLUME.
6. SECURE EFFICIENT DESIGN: EASILY STACKED 2 HIGH WHEN FULL, 3 HIGH WHEN EMPTY.
7. SPACE EFFICIENT DESIGN: EASILY STACKED 2 HIGH WHEN FULL, 3 HIGH WHEN EMPTY.
8. PAINTED WITH POWDER COATED PAINT SYSTEM.
9. 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	450L (DIESEL)
SAFE FILL VOLUME	428L (DIESEL)
MATERIAL OF CONSTRUCTION	ASTM A36/EN 10025 S235/IS2062/Q235
TYPE	RECTANGULAR, DOUBLE WALL, BUNDED, COMPARTMENT
PRIMARY TANK SIZE	883 mm (L) x 951 mm(W) x 599 mm (H)
EXTERNAL TANK SIZE	1150 mm (L) x 1100 mm(W) x 864 mm (H)
BAFFLE THICKNESS	3MM
PRIMARY WALL THICKNESS	2MM SIDE WALLS 2.5MM BASE
EXTERNAL WALL THICKNESS	2MM ALL OVER
BASE FRAME THICKNESS	3MM ALL OVER
PRESSURE TEST	REGULAR TESTING: PRIMARY TANK–BY WATER, 3 PSI/21 KPA FOR 20 MINUTES

WEIGHTS IN Kg.

EMPTY CONDITION	HYDROTEST CONDITION	OPERATING CONDITION
306 Kgs	747 Kgs	669 Kgs

REV.	DESCRIPTION	DATE	CHECKED	APPROVED	REMARKS
0	ISSUED FOR MANUFACTURING	02.02.2026	02.02.2026	02.02.2026	

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NOTE:
Unless Otherwise Specified:
Dimensions are in mm
TOLERANCES:
≤100 ± 2
≤1000 ± 3
ANG ± 0.5°

PROJECT TITLE: **ACE CUBE COMPACT-450L**

SHEET TITLE: **SALES GA**

PREPARED:	D.K	DATE:	02-02-2026
CHECKED:	G.R	PO. NO:	NA
APPROVED:	D.M	SCALE:	NTS
PROJECT NO.:	ACC-450L	REV.:	00
DWG. NO.:	DG-ACC-450L-SGA	SHEET NO.:	01 OF 01

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