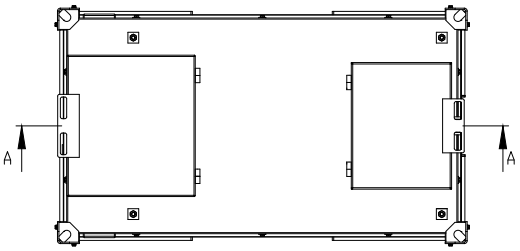
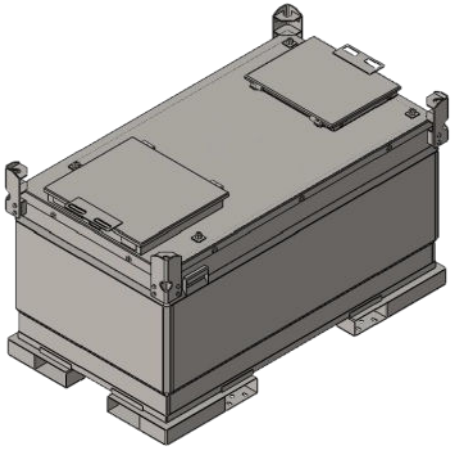
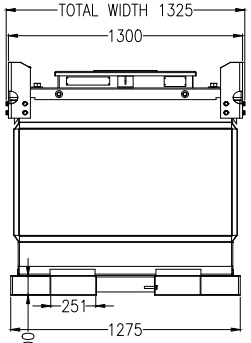


SECTION A–A

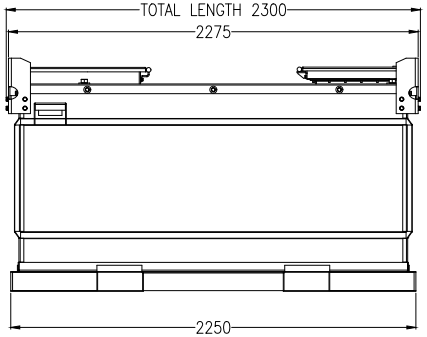


PLAN VIEW

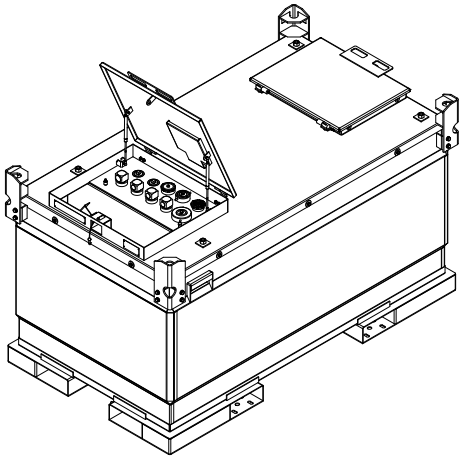




FRONT ELEVATION



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.

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. PROVISION FOR PUMPS AS WELL AS FEED AND RETURN CONNECTIONS FOR GENERATOR USE WITH PROVISIONS FOR ADDITIONAL FEED RETURNS FOR MULTIPLE USE.
6. BUNDED OUTER TANK CAPACITY 110% OF VOLUME AND REMOVABLE INNER TANK FOR MAINTENANCE/ACCESS.
7. SECURE EFFICIENT DESIGN: EASILY STACKED 2 HIGH WHEN FULL, 3 HIGH WHEN EMPTY.
8. SPACE EFFICIENT DESIGN: EASILY STACKED 2 HIGH WHEN FULL, 3 HIGH WHEN EMPTY.
9. PAINTED WITH POWDER COATED PAINT SYSTEM.
10. 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	1727L (DIESEL) , 118L(Ad-Blue)
SAFE FILL VOLUME	1640L (DIESEL) , 112L(Ad-Blue)
MATERIAL OF CONSTRUCTION	ASTM A36/EN 10025 S235/IS2062/Q235
TYPE	RECTANGULAR, DOUBLE WALL, BUNDED, COMPARTMENT
PRIMARY TANK SIZE	1787 mm(L) x 1070 mm (W) x 1026mm(H)
EXTERNAL TANK SIZE	2300 mm (L) x 1325 mm(W) x1295 mm (H)
BAFFLE THICKNESS	2MM
PRIMARY WALL THICKNESS	3MM ALL OVER
EXTERNAL WALL THICKNESS	4MM BASE; 3MM SIDE WALLS
PRESSURE TEST	PRIMARY TANK–BY WATER, 3 PSI/21 KPA FOR 20 MINUTE EXTERNAL TANK FILLED WITH WATER FOR 20 MINUTE
CS SUMP TANK CAPACITY/WEIGHT	232L / 93 KGS (4MM THK ALL OVER)
PLASTIC TANK CAPACITY/WEIGHT	120L / 28 KGS (10MM THK ALL OVER)

WEIGHTS IN Kg.

EMPTY CONDITION	HYDROTEST CONDITION	OPERATING CONDITION
900	2747	2445

REV.	DESCRIPTION	DATE	CHECKED	APPROVED	REMARKS
0	ISSUED FOR MANUFACTURING	25.04.2024	25.04.2024	25.04.2024	

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

PROJECT TITLE:
ACE CUBE PROFESSIONAL DUAL FLUID -1750/120L

SHEET TITLE:
ACE CUBE PROFESSIONAL DUAL FLUID - 1750/120L SALES GA

PREPARED: D.K		DATE:	25-04-2024
CHECKED: M.L		PO. NO:	NA
APPROVED: D.M		SCALE:	NTS
PROJECT NO.: ACP-DF-1750/120L		REV.:	00
DWG. NO.: DG-ACP-DF-1750/120L-SGA		SHEET NO.:	01 OF 01

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