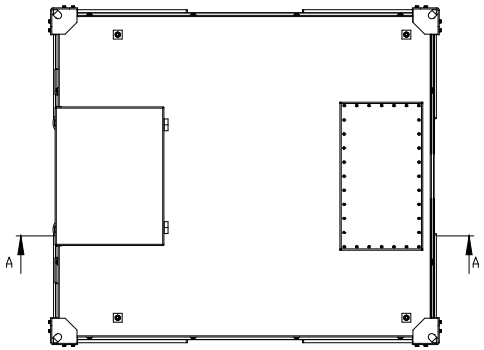
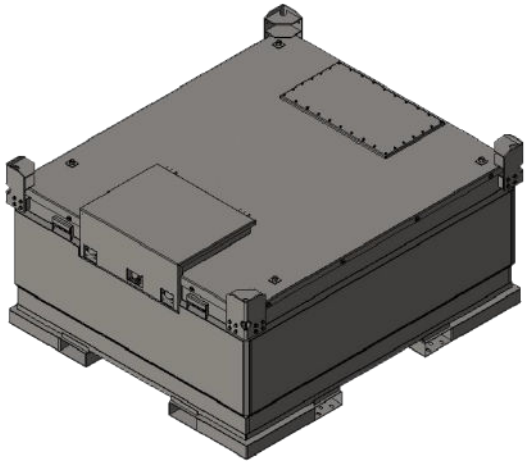
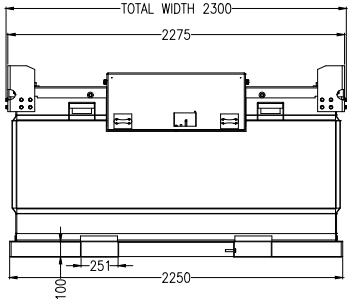


SECTION A–A

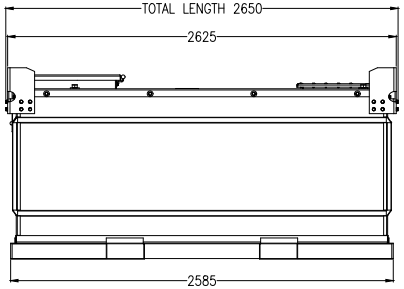


PLAN VIEW

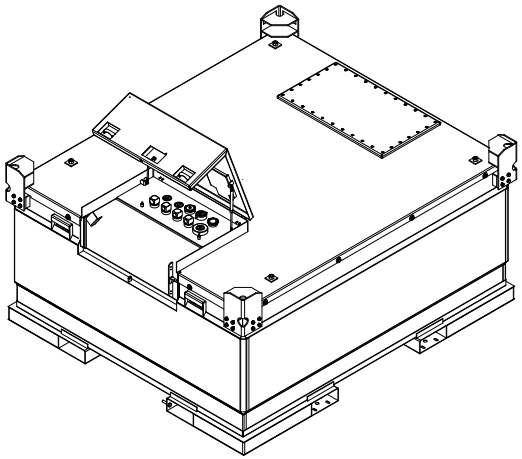




FRONT ELEVATION



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 FRONT 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	CE MARKED
DESIGN PRESSURE	ATMOSPHERIC (14.5 PSI)
DESIGN TEMP.	50° C.
CAPACITY	4475L (DIESEL)
SAFE FILL VOLUME	4251L (DIESEL)
MATERIAL OF CONSTRUCTION	ASTM A36/EN 10025 S235/IS2062/Q235
TYPE	RECTANGULAR, DOUBLE WALL, BUNDED, COMPARTMENT
PRIMARY TANK SIZE	2133 mm(L) x 2049 mm (W) x 1024mm(H)
EXTERNAL TANK SIZE	2650 mm(L) x 2300 mm (W) x 1295mm(H)
BAFFLE THICKNESS	2MM
PRIMARY WALL THICKNESS	4MM ALL OVER
EXTERNAL WALL THICKNESS	4MM BASE; 3MM SIDE WALLS
PRESSURE TEST	PRIMARY TANK–BY WATER, 3 PSI/21 KPA FOR 20 MINIUTE EXTERNAL TANK FILLED WITH WATER FOR 20 MINIUTE
CS SUMP TANK CAPACITY/WEIGHT	437L / 137 KGS (4MM THK ALL OVER)
PLASTIC TANK CAPACITY/WEIGHT	280L / 40 KGS (10MM THK ALL OVER)

WEIGHTS IN Kg.

EMPTY CONDITION	HYDROTEST CONDITION	OPERATING CONDITION
1450	5879	5099

REV.	DESCRIPTION	DATE	CHECKED	APPROVED	REMARKS
0	ISSUED FOR MANUFACTURING	07.02.2024	07.02.2024	07.02.2024	

THIS DRAWING AND THE COPYRIGHT THEREIN IS THE PROPERTY OF DYMAC GLOBAL. IT MAY NOT BE COPIED WHOLLY OR IN PART AND IT MAY NOT BE LOANED OR DISCLOSED TO OTHERS WITHOUT THE PRIOR WRITTEN CONSENT OF DYMAC GLOBAL

DyMac GLOBAL

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

PROJECT TITLE:
ACE CUBE PRO HIPPO 4500L

SHEET TITLE:
ACE CUBE PRO HIPPO 4500L
SALES GA

PREPARED:	W.T	DATE:	07-02-2024
CHECKED:	M.L	CUSTOMER:	NA
APPROVED:	DM	SCALE:	NTS
PROJECT NO.:	ACP-H-4500L	REV.:	00
DWG. NO.:	DG-ACP-H-4500L-SGA	SHEET NO.:	01 OF 01
			A4