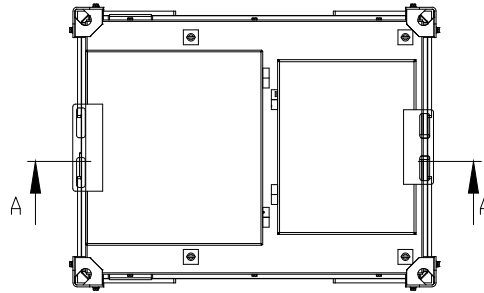
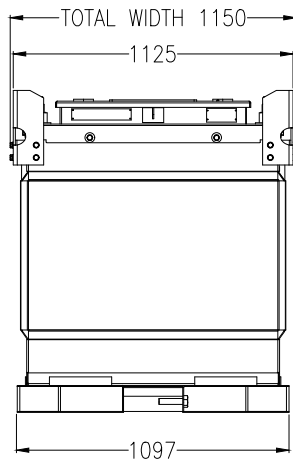


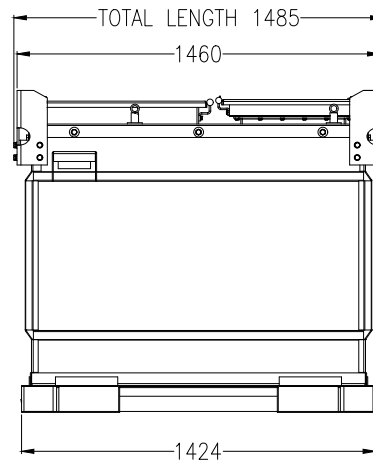
SECTION A-A



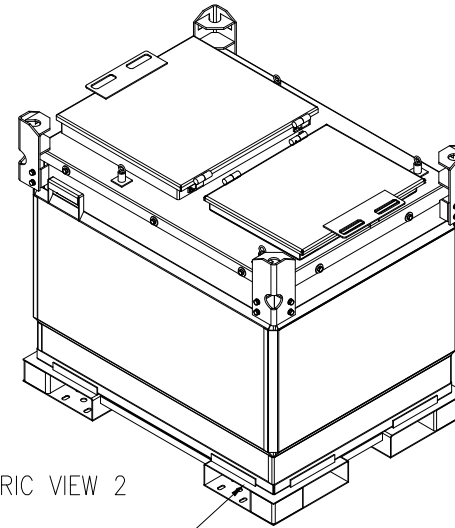
PLAN VIEW



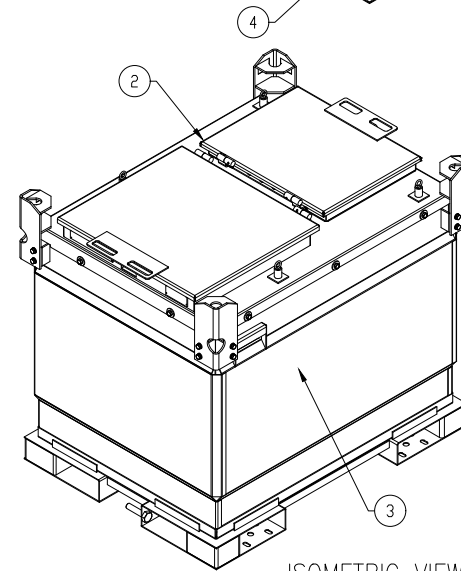
FRONT ELEVATION



SIDE ELEVATION



ISOMETRIC VIEW 2



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/S2062/0235
  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, COMPLIANT WITH POLLUTION PREVENTION GUIDELINES (PP02).
  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	UL142, ULC S601, UN31A/Y
DESIGN PRESSURE	ATMOSPHERIC (14.5 PSI)
DESIGN TEMP.	50° C.
CAPACITY	680L (DIESEL) , 140L(Ad-Blue)
SAFE FILL VOLUME	646L (DIESEL) , 133L(Ad-Blue)
MATERIAL OF CONSTRUCTION	ASTM A36/EN 10025 S235/S2062/0235
TYPE	RECTANGULAR, DOUBLE WALL, BUNDED, COMPARTMENT
PRIMARY TANK SIZE	984 mm (L) x 922 mm(W) x 1039 mm (H)
EXTERNAL TANK SIZE	1485 mm (L) x 1150 mm(W) x 1295 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	140L / 26 KGS (10MM THK ALL OVER)

**WEIGHTS IN Kg.**

EMPTY CONDITION	HYDROTEST CONDITION	OPERATING CONDITION
591	1395	1274

REV.	DESCRIPTION	DATE	CHECKED	APPROVED	REMARKS
0	ISSUED FOR MANUFACTURING	18.02.2022	18.02.2022	18.02.2022	

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

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

PAINT SPECIFICATION	GALVANIZING SPECIFICATION
BLASTING TO SA2.5 PHOSPHORIZING LIQUID RINSE OF ALL SURFACES. POLYURETHANE PLASTIC POWDER COATING THICKNESS IS 80-120 DFT. PRE-HEATING TEMPERATURE 200-220°C. AFTER COATING BAKE AT 200°C FOR 30 MINUTES.	ALL HOT DIPPED GALVANIZING PARTS SHOULD HAVE MIN 45 MICRONS OF THICKNESS APPLIED

**ASSEMBLY PART LIST**

ITEM No.	Description	SHEET No.	Material	Quantity per assy	Weight, Kgs
1	LID-PRIMARY TANK	02 OF 05	A36/S235	1	256+85
2	LID ASSEMBLY	03 OF 05	A36/S235	1	85
3	EXTERNAL TANK WITH BASE FRAME	04 OF 05	A36/S235	1	205+45
4	BASE FRAME	05 OF 05	A36/S235	1	45

TOTAL WEIGHT - 591 kg.

**PROJECT TITLE:**  
ACE CUBE PROFESSIONAL DUAL FLUID - 680/140L

**SHEET TITLE:**  
ACE CUBE PROFESSIONAL DUAL FLUID 680/140L TECHNICAL GA

PREPARED: W.T	DATE: 18-02-2022
CHECKED: M.L	CUSTOMER: NA
APPROVED: DM	SCALE: NTS
PROJECT NO.: ACP-DF-680/140L	REV.: 00
DWG. NO.: DG-ACP-DF-680/140L-GA	SHEET NO.: 01 OF 05