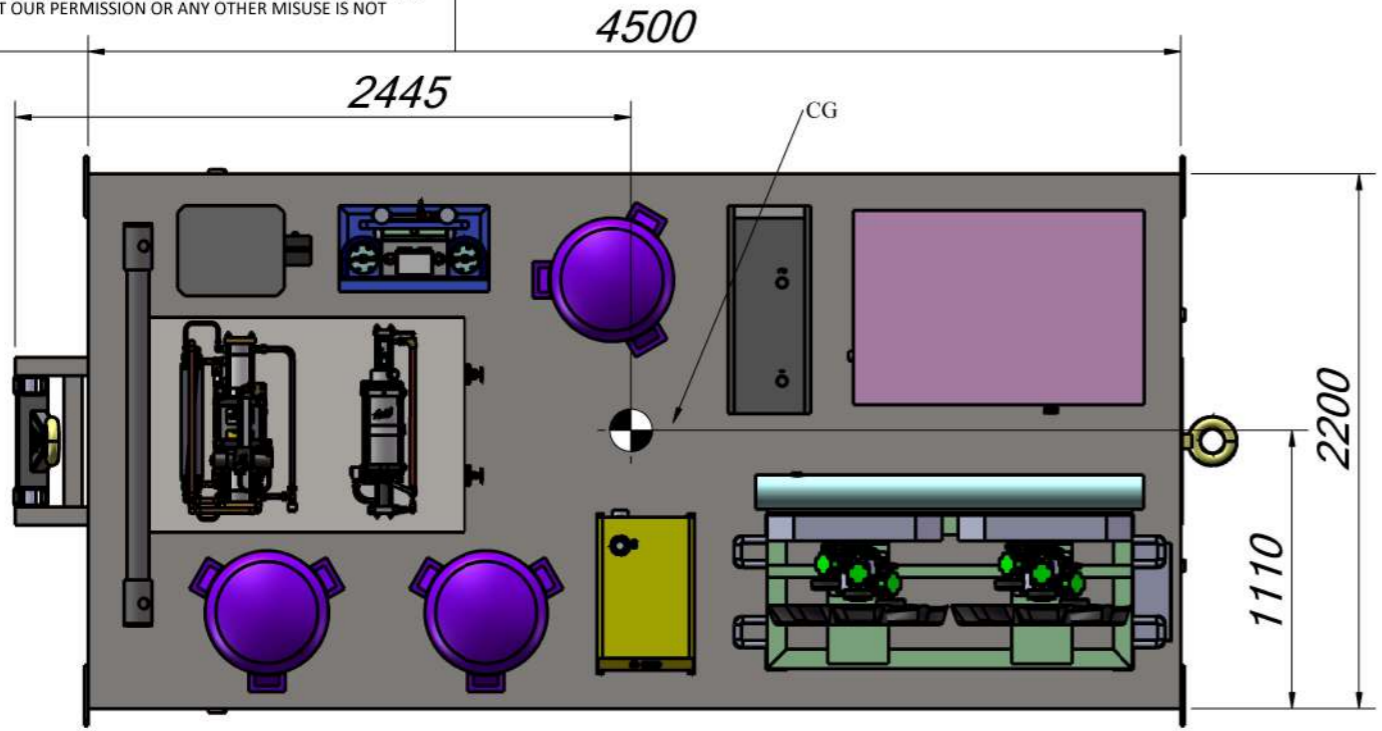
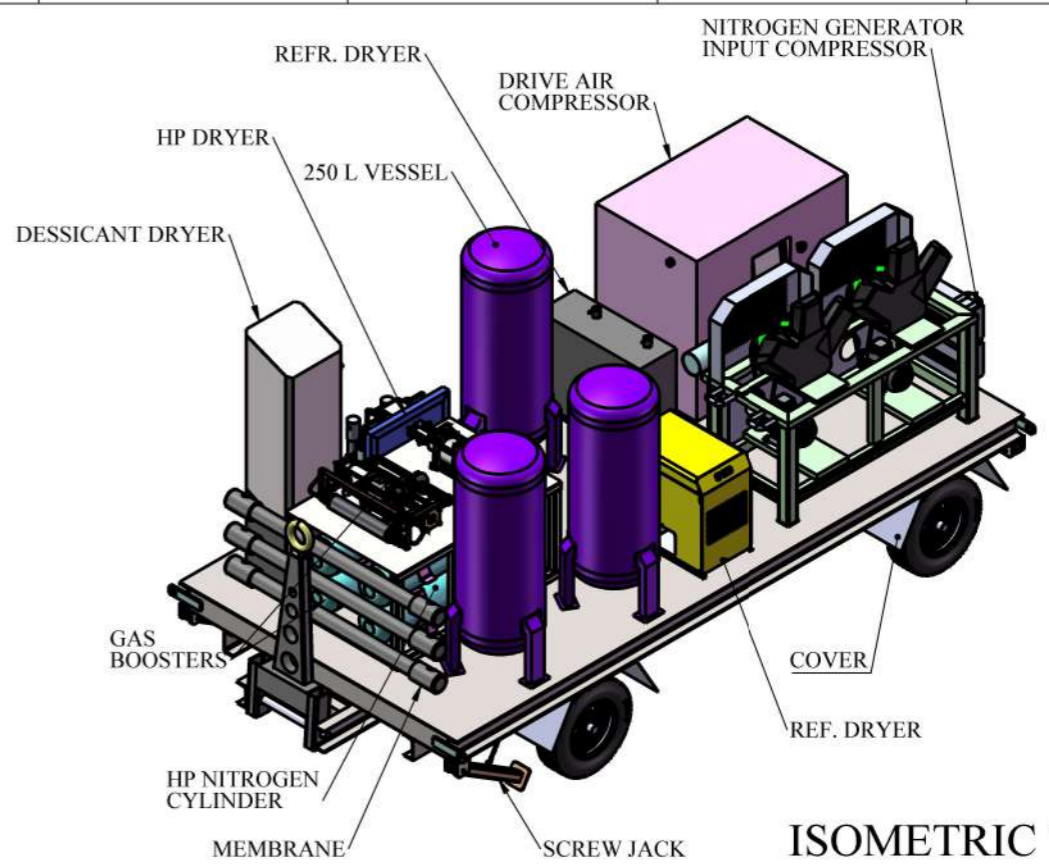


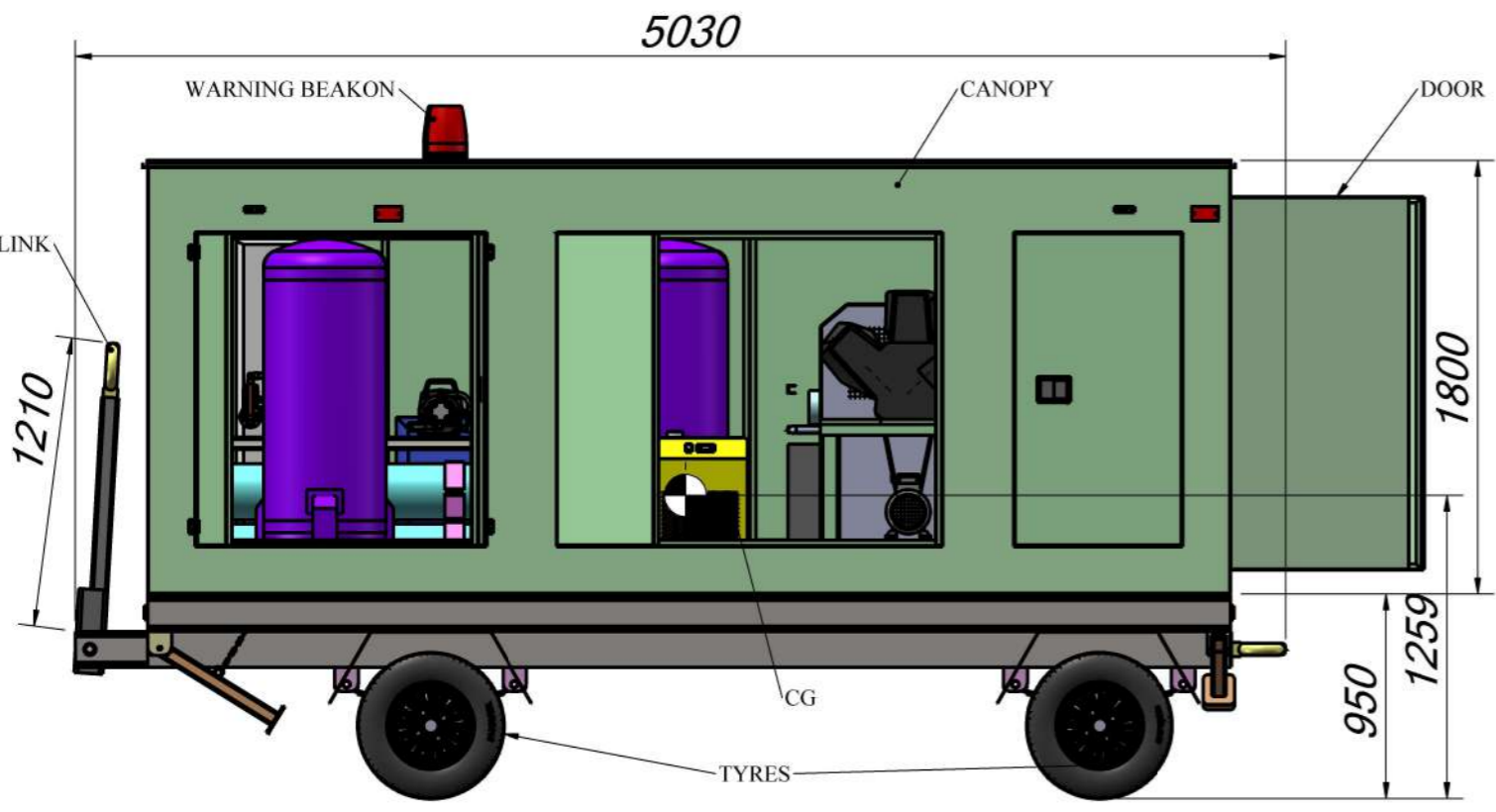
THIS DWG. IS SOLE PROPERTY OF NEOMETRIX ENGINEERING PVT. LTD. UNAUTHORISED USE OF THIS DWG. OR MAKING PRODUCT AS PER THIS DWG. WITHOUT OUR PERMISSION OR ANY OTHER MISUSE IS NOT PERMITTED.



TOP VIEW



ISOMETRIC VIEW



FRONT VIEW

ITEM DESC.	C.G. CALCULATION				SUM-MX	SUM-MY	SUM-MZ
	Mass(Kg.)	C.G X (mm.)	C.G Y (mm.)	C.G Z (mm.)			
Oil free Screw/Reci. type Air Comp.	800	3570	1400	563	2856000	1120000	450400
Air receiver 1 (250L).	250	735	1710	395	183750	427500	98750
Air receiver 2 (250L).	250	1639	1710	395	409750	427500	98750
Air receiver 3 (250L).	250	2160	1710	1764	540000	427500	441000
Nitrogen Generation Unit-Membrane Assembly.	60	205	1200	1200	12300	72000	72000
Nitrogen Boosters Assembly.	70	1020	1607	1100	71400	112490	77000
High pressure Nitrogen Storage Bottles assembly	320	916	1149	1200	293120	367680	384000
Ref. Air Dryer	60	2805	1270	1640	168300	76200	98400
Drive Air Compressor	350	3650	1300	1600	1277500	455000	560000
High Pressure Nitrogen Dryer.	200	1341	1168	1820	268200	233600	364000
Control panel and Gauge panel. Inlet & Outlet Filters with Clogging Indications .	100	3250	100	1100	325000	10000	110000
Nitrogen Generator Trailer with 4 Outriggers and Canopy	1600	2275	1092	1100	3640000	1747200	1760000
Decssicant Dryer	60	590	1718	1887	35400	103080	113220
Piping/ Fitting/ Electrical Panels/Miscellaneous assemblies	1000	3000	1200	1100	3000000	1200000	1100000
Center of Gravity (CG)	5370	2436	1263	1067	13080720	6779750	5727520

Dimensions	As per DGAQA/GSE/299 ISSUE-VI Jan 2021	As per Neometrix
Length	Not Mentioned	5100
Width	Not mentioned	2300
Height	Not mentioned	2850
Weight	Not mentioned	5000 Kg. (Aprx.)

- ALL DIMENSIONS ARE IN MM.
- QUANTITY: 01 Nos.

**TRAILER MOUNTED NITROGEN GENERATION SYSTEM**

NOTE: THIS IS TENTATIVE DRAWING, SUBJECT TO CHANGE.

**NEOMETRIX**  
 NEOMETRIX ENGINEERING PVT LTD  
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 E-mail: contact@neometrixgroup.com  
 Design Dept.: design@neometrixgroup.com

TITLE	NITROGEN GENERATION STORAGE & DISTRIBUTION SYSTEM (UGSSN2)			QA No.	
SUB-TITLE	TRAILER MOUNTED NITROGEN GENERATION SYSTEM			Cross Ref Doc No.:	
SRS CODE	A2700			Customer Dwg Ref No.	
BUYER	Directorate of Procurement, Air HQ (Vayu Bhawan), New Delhi			NOTE:	
END USER	Indian Air Force (IAF)				
TD/PO. No.	Air HQ/DPUR/I/2025027/Contract-5527		DATED	21/10/2022	
PROJECTION	DRWN	A.K.	19/11/2022	SIZE	SCALE
	CHK.	S.K.	19/11/2022	A3	NFS
	APPR.	S.P.S	19/11/2022		
NEO DWG No.: 1				REV	
1-DAP-A2700-GADWG-TRAILER MOUNTED NITROGEN GENERATION SYSTEM					01