DESIGN DATA

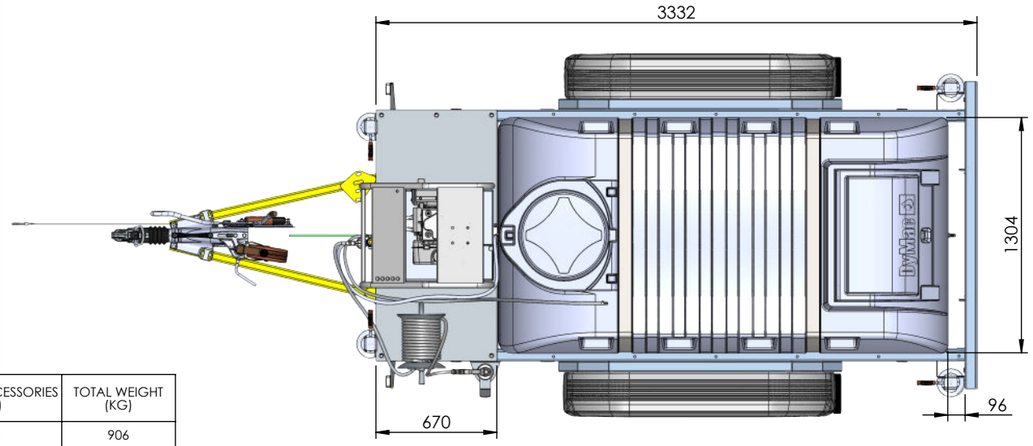
PLASTIC TANK DETAILS	
TANK DIMENSIONS	2490L x 1304W x 990H
CAPACITY	2015L
EMPTY TANK WEIGHT	112 KG
WATER DENSITY	1g/cm³
WEIGHT (WITH WATER)	2127 KG
WALL THICKNESS	8mm
DESIGN PRESSURE	ATMOSPHERIC (14.5 PSI)
DESIGN TEMP.	50°C
MATERIAL	HDPE
BAFFLE THICKNESS & TYPE	8mm, MOLDED BAFFLE
TEST	FILL TEST
TANK MOUNTING ACC. WEIGHT	12 KG
EMPTY WEIGHT (TANK WEIGHT + MOUNTING ACC.	124 KG
HYDROTEST WEIGHT	2139 KG
OPERATING WEIGHT	2139 KG

TRAILER DETAILS	
MODEL NAME	KNOTT 531590.001
TRAILER WIEGHT (KG)	480-615 KG
MAX. LOAD CAPACITY (KG)	3500 KG
FRAME MATERIAL	GALVANIZED

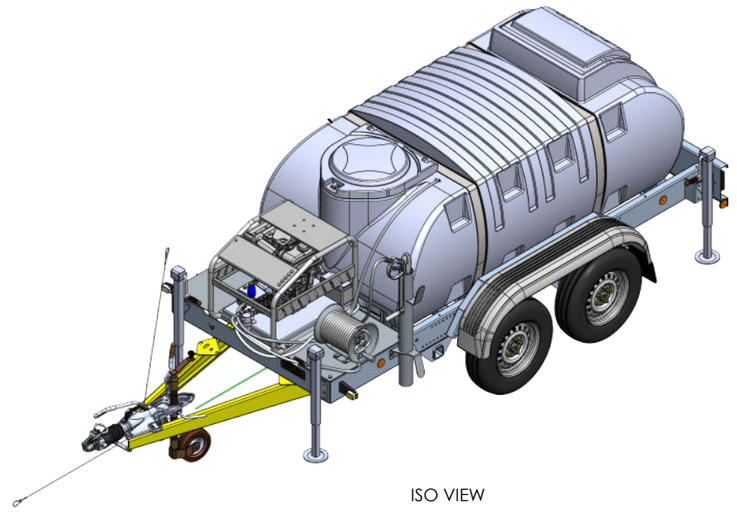
UNIT DETAILS	
UNIT SIZE	4797(L) X 2009(W) X 1558(H)
ENGINE TYPE	YANMAR L100V
PUMP DETAIL	250 BAR 15 LPM 3400 RPM
PRESSURE WASHER ACCESSORIES WEIGHT	167 KG

	TANK LOAD	EMPTY WEIGHT (KG)	FLUID WEIGHT (KG)	TRAILER+ACCESSORIES (KG)	TOTAL WEIGHT (KG)
UNIT EMPTY WEIGHT	-	124	-	782	906
UNIT HYDROTEST WEIGHT	WATER	124	2015	782	2921
UNIT OPERATING WEIGHT	WATER	124	2015	782	2921

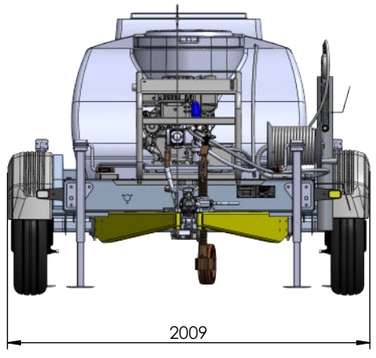
ASSEMBLY DETAILS				
ITEM NO.	PART NO.	DESCRIPTION	QTY	WEIGHT (KG)
00	WRY-2000L.00.0.0.000	WASHMASTER ROAD TOW 2000L (YANMAR)	1	906



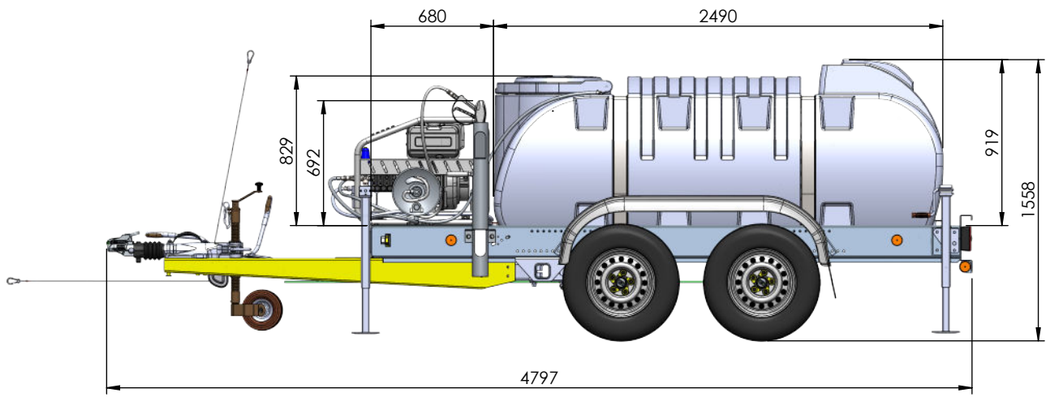
TOP VIEW



ISO VIEW



LEFT SIDE VIEW



FRONT VIEW

NOTE:
1.ALL THE DIMENSIONS IN mm. FOR DRAWING CLARITY, ONLY CRITICAL DIMENSIONS SHOWN. UNDIMENSIONED FEATURES CAN BE OBTAINED FROM PART DATA FILES AVAILABLE UPON REQUEST.
2.REMOVE BURRS & SHARP EDGES.
3.UNLESS OTHERWISE SPECIFIED, ALL BENT FLANGES TO BE ASSUMED 90 DEGREES.
4.DO NOT MEASURE THE DRAWING,IF DOUBT ASK FOR CLARIFICATION.
5.FINISH:DO AS PER PART DRAWING, CHECK P.O FOR RAL VALUE FOR POWDER COATING /PAINTING.

REV.	DESCRIPTION	DATE	CHECKED	APPROVED	REMARKS
-	ISSUED FOR MANUFACTURING	04-08-2025	04-08-2025	04-08-2025	

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TOLERANCES:
≤100 ± 2
≤1000 ± 3
ANG ± 0.5°

PROJECT TITLE: **WM-RT-Y-2000L**

SHEET TITLE: **WASHMASTER ROAD TOW 2000L (YANMAR) SALES GA**

PREPARED: R.S	DATE: 04-08-2025		
CHECKED: G.R	CUSTOMER: NA		
APPROVED: D.M	SCALE: NTS		
PART NO.: WRY-2000L.00.0.0.000	REV.: -		
DWG. NO.: DG-WRY-2000L-GA	SHEET NO.: 00 OF 00	A3	