



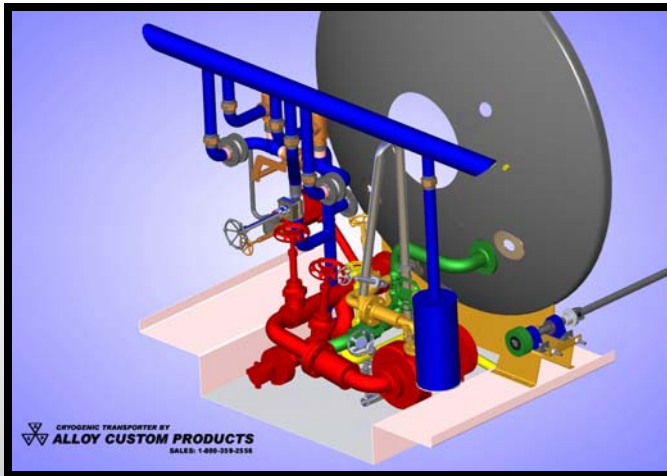
# ***ALLOY CUSTOM PRODUCTS INC.***

*MODEL: ACP ST-10 LIN*





# ALLOY CUSTOM PRODUCTS INC.



## MODEL: ACP ST-10

MAXIMIZED FOR CANADIAN LIN SERVICE

SPECIFICATIONS:

PRODUCT: LIN

WARM WATER CAPACITY: 10,320 US GALLONS

LIN @ 95% : 9,722.2 US GALLONS

MAWP: 38 PSIG

BAFFLES: 3 TRANSVERSE BAFFLES

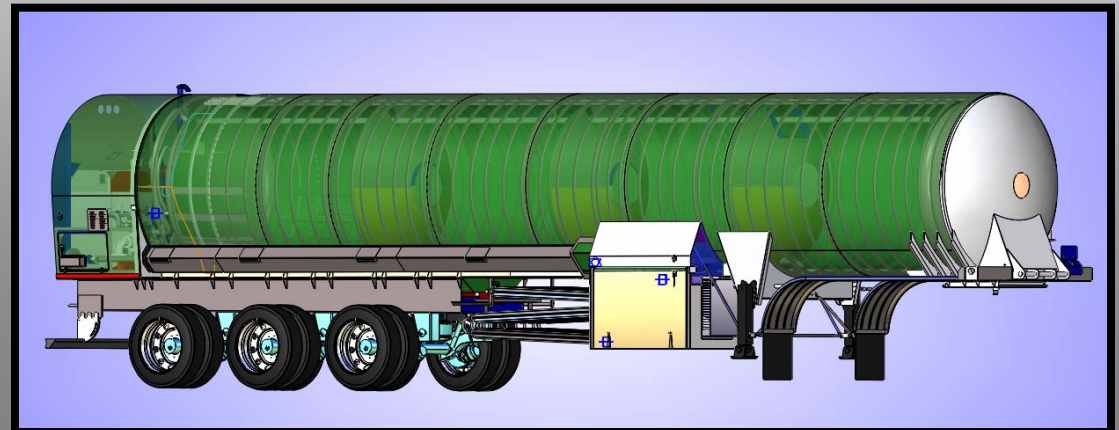
MANWAY: WELDED (ENTRY)

OUTER VESSEL: A607-50 CARBON STEEL

INNER VESSEL: SA240-304 STAINLESS STEEL

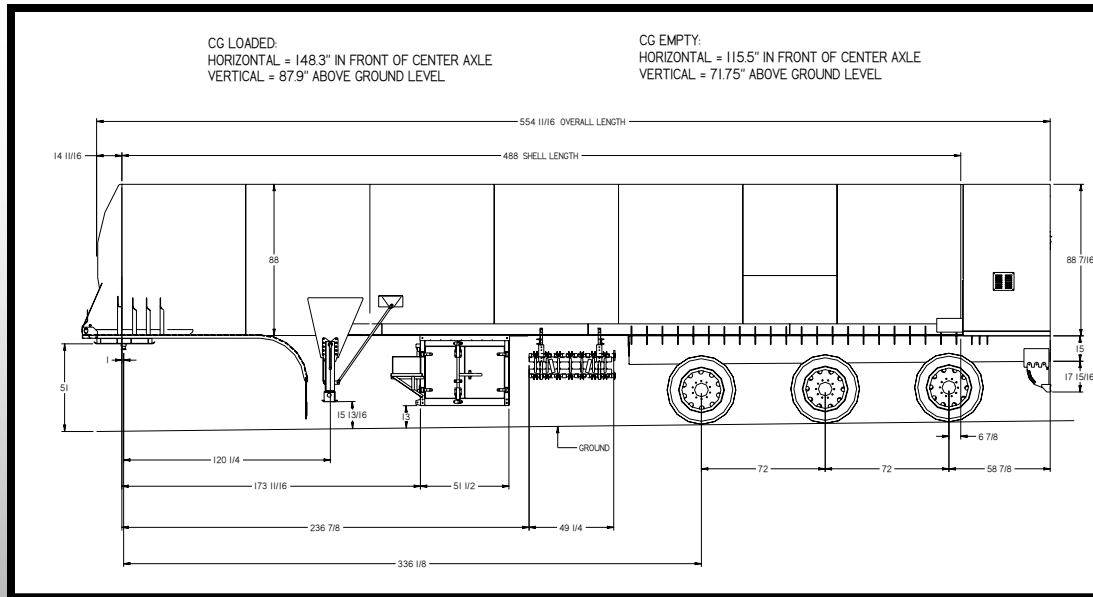
SUSPENSION: AIR RIDE

PUMP DRIVE: ENGINE DRIVEN





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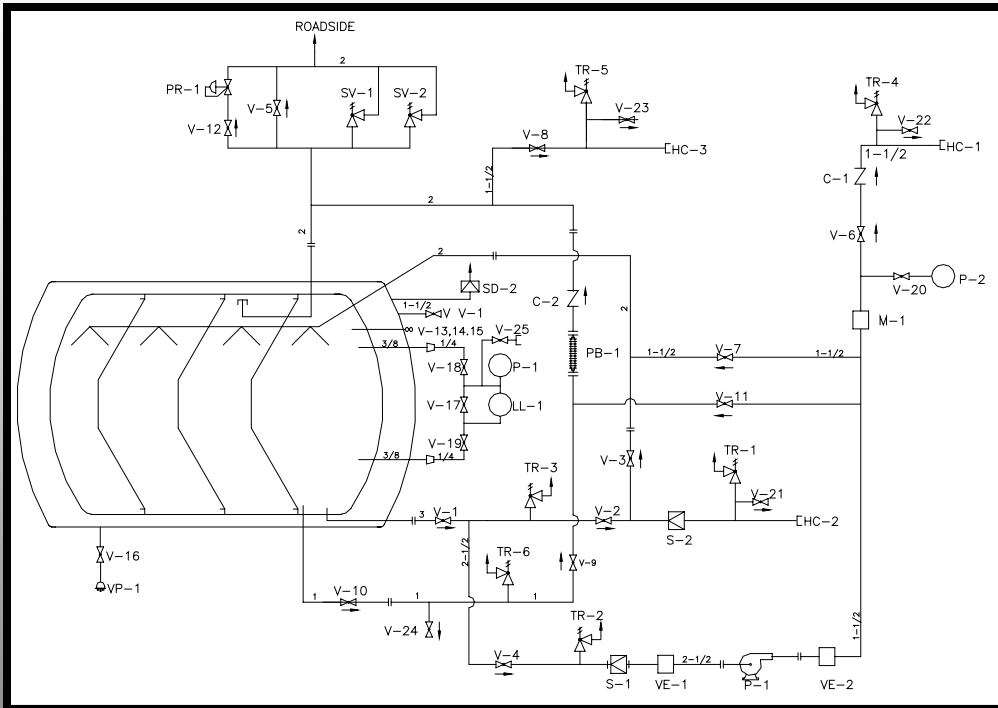
*PUMP DRIVE: ENGINE DRIVEN*

	STEERING AXLE		KINGPIN		TRACTOR TANDEM		TRAILER TANDEM		TOTAL WEIGHT	
	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC
TRACTOR TARE	9,590	4349.92	0	0	8,598	3,899.96	0	0	18,188	8,249.89
TRAILER TARE	580	263.08	7,185	3,259.04	6,605	2,995.96	17,950	8,141.94	25,135	11,400.98
PAYLOAD	1,956	887.22	24,230	10,990.48	22,275	10,103.71	34,962	15,858.41	59,192	26,848.89
FULL COMBINATION	12,125	5,499.77	31,416	14,249.98	37,478	16,99.64	52,911	23,999.90	102,515	46,499.77



# ALLOY CUSTOM PRODUCTS INC.

## MODEL: ACP ST-10 FLOW SCHEMATIC



ITEM	DESCRIPTION	SIZE
C-1	PUMP-DISCHARGE CHECK VALVE	1-1/2
C-2	PB COIL VAPOR-RETURN CHECK VALVE	2
HC-1	DISCHARGE HOSE	1-1/2
HC-2	FILL-DRAIN-LINE CONNECTION	-
HC-3	VAPOR RECOVERY CONNECTION	1-1/2
LL-1	LIQUID LEVEL GAUGE	-
M-1	FLOW METER	-
P-1	PUMP	-
PB-1	PRESSURE-BUILD COIL	-
PR-1	OTR REGULATOR	1/2
P-1	INNER-VESSEL PRESSURE GAUGE	-
P-2	PUMP-DISCHARGE PRESSURE GAUGE	-
S-1	PUMP INLET STRAINER	2-1/2
S-2	FILL-LINE STRAINER	2
SD-2	OUTER-JACKET PRESSURE RELIEF PLATE	5
SV-1	INNER-VESSEL SAFETY RELIEF VALVE 38 PSIG	2
SV-2	INNER-VESSEL SAFETY RELIEF VALVE 57 PSIG	2
TR-1	FILL-LINE THERMAL RELIEF VALVE 100 PSIG	1/2
TR-2	PUMP INLET-LINE THERMAL RELIEF VALVE 50 PSIG	1/2
TR-3	FCV-1 THERMAL RELIEF VALVE 100 PSIG	1/2
TR-4	PUMP DISCHARGE-LINE THERMAL RELIEF VALVE 450 PSIG	1/2
TR-5	VAPOR RECOVERY THERMAL RELIEF VALVE 100PSI	1/2
TR-6	FCV-10 THERMAL RELIEF VALVE 100 PSI	1/2
V-1	FILL-DRAIN-LINE FIRE CONTROL VALVE	3
V-2	BOTTOM FILL VALVE	3
V-3	TOP FILL VALVE	2
V-4	PUMP INLET VALVE	2-1/2
V-5	MANUAL VENT VALVE	2
V-6	METER DISCHG	1-1/2
V-7	PUMP RECIRCULATION VALVE	1-1/2
V-8	VAPOR RECOVERY VALVE	1-1/2
V-9	PB INLET	1
V-10	P B FIRE CONTROL VALVE	1
V-11	PB COIL FORCE FEED	1/2
V-12	OTR ISOLATION	1/2
V-13	LIN TRYCOCK	3/8
V-14	LOX TRYCOCK	3/8
V-15	LAR TRYCOCK	3/8
V-16	THERMOCOUPLE ISOLATION VALVE	1/8
V-17	LL GAUGE EQUALIZATION VALVE	1/4
V-18	L.P. ISOLATION	1/4
V-19	H.P. ISOLATION	1/4
V-20	PUMP DISCHARGE PRESSURE GAUGE ISOLATION VALVE	1/4
V-21	FILL LINE BLEED VALVE	3/8
V-22	DISCHARGE LINE BLEED VALVE	3/8
V-23	VAPOR RECOVERY BLEED VALVE	3/8
V-24	LIQUID SAMPLE VALVE	3/8
V-25	VAPOR SAMPLE	3/8
VE-1	PUMP INLET VIBRATION ISOLATOR	2-1/2
VE-2	PUMP DISCHARGE VIBRATION ISOLATOR	1-1/2
VP-1	THERMOCOUPLE PROBE	1/8
V.V-1	EVACUATION	1-1/2

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