



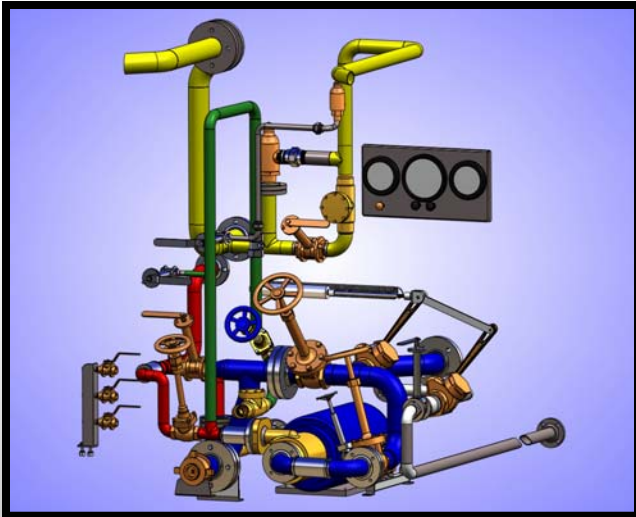
ALLOY CUSTOM PRODUCTS INC.

MODEL: ACP ST-60 LOX





ALLOY CUSTOM PRODUCTS INC.



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MAXIMIZED FOR LOX SERVICE

PRODUCT: LOX

WARM WATER CAPACITY: 6,064 US GALLONS

LOX @ 67% : 5,715 US GALLONS

MAWP: 38 PSIG

BAFFLES: 3 TRASVERSE BAFFLES

MANWAY: WELDED (NON-ENTRY)

OUTER VESSEL: A607-50 CARBON STEEL

INNER VESSEL: SA240-304 STAINLESS STEEL

SUSPENSION: AIR RIDE

PUMP DRIVE: CUSTOMER SPECIFIED

PIPING FEATURES:

STAINLESS STEEL AND BRONZE VAVLES

EASY PRIME PUMP LOCATION

LOWEST PIPING PAN IN THE INDUSTRY





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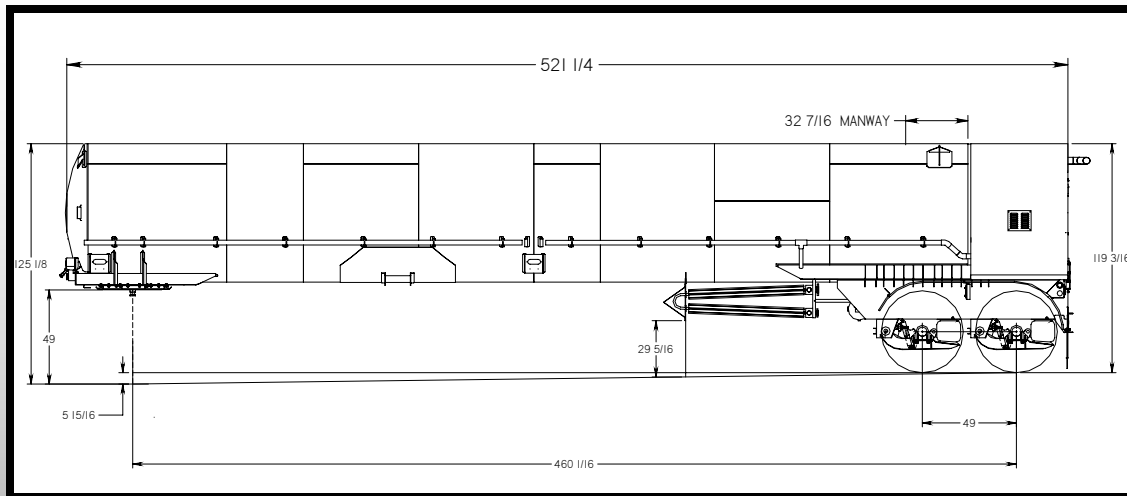
PUMP DRIVE: CUSTOMER SPECIFIED

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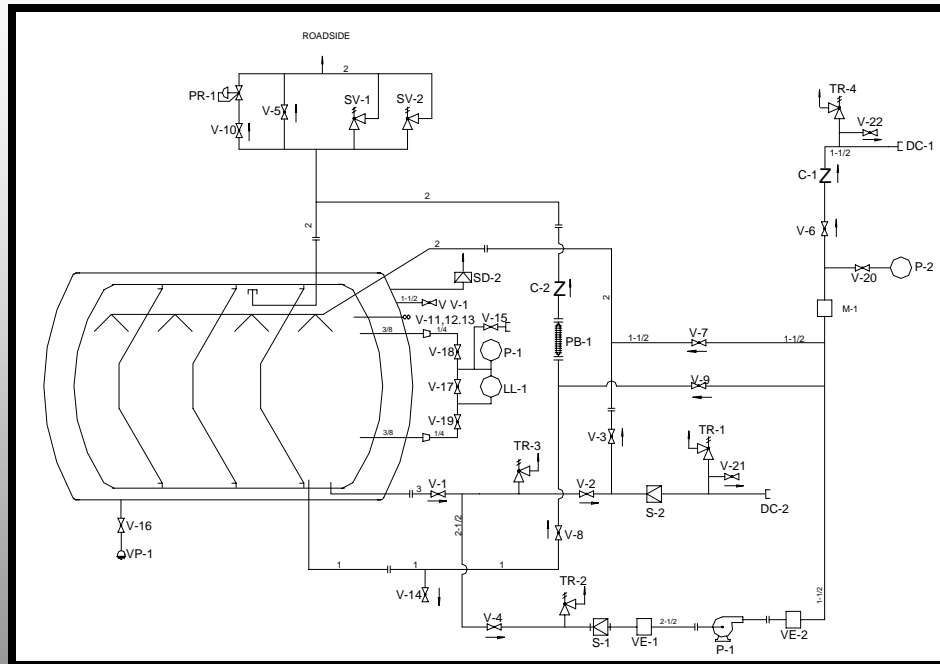


	STEERING AXLE		KINGPIN		TRACTOR TANDEM		TRAILER TANDEM		TOTAL WEIGHT	
	POUNDS	KG	POUNDS	KG	POUNDS	KG	POUNDS	KG	POUNDS	KG
TRACTOR TARE	10,511	4,767.68	0	0	8,151	3,697.21	0	0	18,662	8,464.89
TRAILER TARE	327	148.32	5,998	2,720.63	5,671	2,572.30	11,502	5,217.19	17,500	7,937.82
PAYLOAD	1,162	527.07	21,340	9,679.61	20,178	9,152.53	22,498	10,204.86	43,838	19,884.47
FULL COMBINATION	12,000	5,443.08	27,338	12,400.24	34,000	15,422.06	34,000	15,422.06	80,000	36,287.20



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MODEL: ACP ST-60 FLOW SCHEMATIC



ITEM	DESCRIPTION	SIZE
C-1	PUMP-DISCHARGE CHECK VALVE	1-1/2
C-2	PB COIL VAPOR-RETURN CHECK VALVE	2
DC-1	DISCHARGE HOSE	1-1/2
DC-2	FILL-DRAIN-LINE CONNECTION	3
LL-1	LIQUID LEVEL GAUGE	-
M-1	FLOW METER	-
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 45 PSIG	2
SV-2	RUPTURE DISC SET AT 67 PSIG	2
TR-1	FILL-LINE THERMAL RELIEF VALVE 150 PSIG	1/2
TR-2	PUMP INLET-LINE THERMAL RELIEF VALVE 50 PSIG	1/2
TR-3	FCV-1 THERMAL RELIEF VALVE 150 PSIG	1/2
TR-4	PUMP DISCHARGE-LINE THERMAL RELIEF VALVE 450 PSIG	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	PB INLET	1
V-9	PB COIL FORCE FEED	1/2
V-10	OTR. ISOLATION	1/2
V-11	95% TRYCOCK	3/8
V-12	LIQUIDE SAMPLE	1/2
V-13	FILL LINE BLEED	1/2
V-14	DISCHARGE LINE BLEED	1/2
V-15	T.C. ISOLATION	1/8
V-16	LL GAUGE EQUALIZATION VALVE	1/4
V-17	L.P. ISOLATION	1/4
V-18	H.P. ISOLATION	1/4
V-19	PUMP DISCHARGE PRESSURE GAUGE ISOLATION VALVE	1/4
V-20	GAS SAMPLE	1/4
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

Contact Information:

P.o.Box 198

Delphi, IN 46923

800-359-2556

sales@alloycustomproducts.com