



Hale Trailer Brake & Wheel A002582-A002583



1000S PNEUMATIC DRY BULK TANK

Weight 8408 lbs. (+/- 3%)	Cubic Feet 1000 (+/- 3%)

Primary Axl 2

Lift Axl 0

Steer Axl 0

BODY

REGION	DOMESTIC
LOAD PROFILE	72K
VESSEL THICKNESS	0.165 5454-H32 ALUMINUM
CUBIC FT CAPACITY	1000
COMMODITY	SAND
MODEL SUB TYPE	NONE
TRAILER OPERATION TYPE	PNEUMATIC
FOOD GRADE	NONE
VESSEL FINISH	MILLED
LENGTH	42 FT. / 12.80 M.
WIDTH	102
OPERATING TEMPERATURE	185 F / 85 C
OPERATING PRESSURE	14.7 PSI / 101.35 KPA
COMPARTMENT OPTIONS	SINGLE COMPARTMENT
LOWER HOPPER CONES	WELD-ON 45 DEG (STANDARD)
MANLID QUANTITY	2
MANLID LOCATION LAYOUT	OVER EACH HOPPER
FIRST MANLID TYPE	BETTS MODEL 8555, 20 IN. MANWAY
SECOND MANLID TYPE	BETTS MODEL 8555, 20 IN. MANWAY

AERATION

AERATOR FORMAT	3 PER HOPPER (STANDARD)
AERATOR TYPE	BTI SPIN FLOW AERATION KIT W/ WEAR PLATES AND 2 IN. BTI BLACKMAXX INDIVIDUAL AERATION CONTROLS AT EACH HOPPER
AERATION LOCATION	CURB SIDE
AERATOR LINE CONTROL	3" BTI BLACKMAX BUTTERFLY VALVE
AERATOR SEAT	WHITE RUBBER (FOOD GRADE) SEAT
AERATOR DISK	ALLOMAXX DISC
AERATOR HANDLE TYPE	ALUMINUM
AERATOR HANDLE POSITION	MANUAL 10 - POSITION

AIR INLET

AIR INLET SIZE	3 IN. SCH. 10 ALUMINUM PIPE
AIR INLET LOCATION	DRIVER SIDE
CHECK VALVES	(2) BTI OPTIMA CHECK VALVES - (1) AT AIR INLET & (1) UP STREAM OF FRONT HOPPER DISCHARGE


PROP / PRES CONTROL VALVE

CONTROL VALVE HOUSING	3" BTI BLACKMAX BUTTERFLY VALVE
CONTROL VALVE DISK	ALLOMAXX DISC
CONTROL VALVE HANDLE TYPE	ALUMINUM
CONTROL VALVE HANDLE POSITION	MANUAL 10 - POSITION

BLOW DOWN LINE	
BLOW DOWN LINE HOUSING	3" BTI BLACKMAX BUTTERFLY VALVE
BLOW DOWN LINE DISK	ALLOMAXX DISC
BLOW DOWN LINE SEAT	WHITE RUBBER (FOOD GRADE) SEAT
BLOW DOWN LINE HANDLE TYPE	ALUMINUM
BLOW DOWN LINE HANDLE POSITION	MANUAL 10 - POSITION
BLOW DOWN LINE LOCATION	DRIVER SIDE FRONT
BLOW DOWN RELIEF PRESSURE	15 P.S.I.

TOP AIR	
TOP AIR VALVE HOUSING	3" BTI BLACKMAX BUTTERFLY VALVE
TOP LINE LOCATION	DRIVER SIDE FRONT

PRODUCT & DISCHARGE	
PRODUCT / DISCHARGE LINE SIZE	4 IN
PRODUCT / DISCHARGE LINE MATERIAL	STEEL
PRODUCT / LINE MATERIAL GAUGE	SCHD.40
PRODUCT VALVE SIZE	5" BTI BLACKMAXX BUTTERFLY VALVES
PRODUCT VALVE SEAT	WHITE RUBBER (FOOD GRADE) SEAT
PRODUCT VALVE DISK	ALLOMAXX DISC
PRODUCT LINE CONNECTION	GROOVE TO GROOVE CLAMPS AT FRONT AND REAR
CLAMPS	WORM GEAR CLAMPS W/ RUBBER SLEEVES BETWEEN HOPPERS
PRODUCT VALVE HANDLE TYPE	ALUMINUM
PRODUCT VALVE HANDLE POSITION	MANUAL 5 - POSITION
PRODUCT TEE TYPE	5 X 4 BTI SANDHOG STEEL BOTTOM DROP TEE
REAR DISCHARGE LOCATION	EXTEND THROUGH AXLES TO REAR
NO. OF GAUGE ENCLOSURE	1
GAUGE LOCATION	Driver Side -Rear- Forward of Tandem

PRIMARY AXLES	
MODEL	TANDEM
NO. OF PRIMARY AXLES	2
SUSPENSION	HEND. INTRAAX AAT W/ RAISED AXLE - TP SPINDLE
AXLES	77.5" AXLES
LIFT KIT_	NONE
LIFT CONTROLS	NONE
WHEEL END PACKAGE	YES (HXL5)
BRAKES	7 IN. XL, W/ 30-30 CHAMBERS
CAM GUARDS	HEND. INTRAAX
HUB AND DRUM	CENT W/ DURALITE HUB HP OB 10 STUD TP, LS, 7 IN.
TIRES	GENERAL RA 11R 22.5 16 PLY
WHEELS	ALUMINUM HP 22.5X8.25 - ALL POLISHED (XP)
	ACCURIDE STEEL WHEELS

PRIMARY AXLE TIRE INFLATION SYSTEM	NONE
	PREP AXLES FOR TIRE INFLATION SYSTEM

CHASSIS	
5TH WHEEL PLATE	GALVANIZED STEEL, ADJUSTABLE
5TH WHEEL PLATE HEIGHT	48 IN. HIGH
SUSPENSION CONTROL	AUTOMATIC DUMP ON EMERGENCY GLADHAND
SCALE SYSTEM	LOAD GAUGE - DRIVER SIDE REAR
ABS	MERITOR ROLL STABILITY
SLACKS	AUTO
HUBODOMETER_	NONE
AXLE LUBRICATION	HXL-5 CHEVRON-DELO SEMI-FLUID GREASE W/ SOLID HUBCAPS (H.L.S. WHEEL END PACKAGE)
DOLLIES - LANDING GEAR - LANDING LEGS	JOST - 5 YEAR NO LUBE- D.S.
AIR TANKS	ALUMINUM TANK

LIGHTS

LIGHT TYPE	GROTE L.E.D. W/ GROMMET
REAR I.D. LIGHTS	(3) I.D. LIGHTS TOP
 3 PENNY LIGHTS ADDED TO SECOND RUNG FROM BOTTOM	
LIGHT PANEL	(TURN) (STOP) (STOP) - (STOP) (STOP) (TURN)
STD. MARKER LIGHTS	2 EACH SIDE FRONT & REAR
MID-TURNS	(1 PAIR) LED-BOXED IN
 3- PENNY LIGHTS AS MID TURNS PER SIDE	
BACK-UP LIGHTS	NONE
BACK-UP LIGHT LOCATION	NONE
AUXILIARY CABLE	NONE
NO. OF WORK LIGHTS	NONE
 2 - CUBE WORK LIGHT HIGH REAR	
WORK LIGHT MODEL	NONE
WORK LIGHT LOCATION	NONE
WORK LIGHT SWITCH LOCATION	NONE

PAINT

SUSPENSION COLOR	MAC BLACK
MAC MACHINE FINISH LOGOS	BLACK (931716)

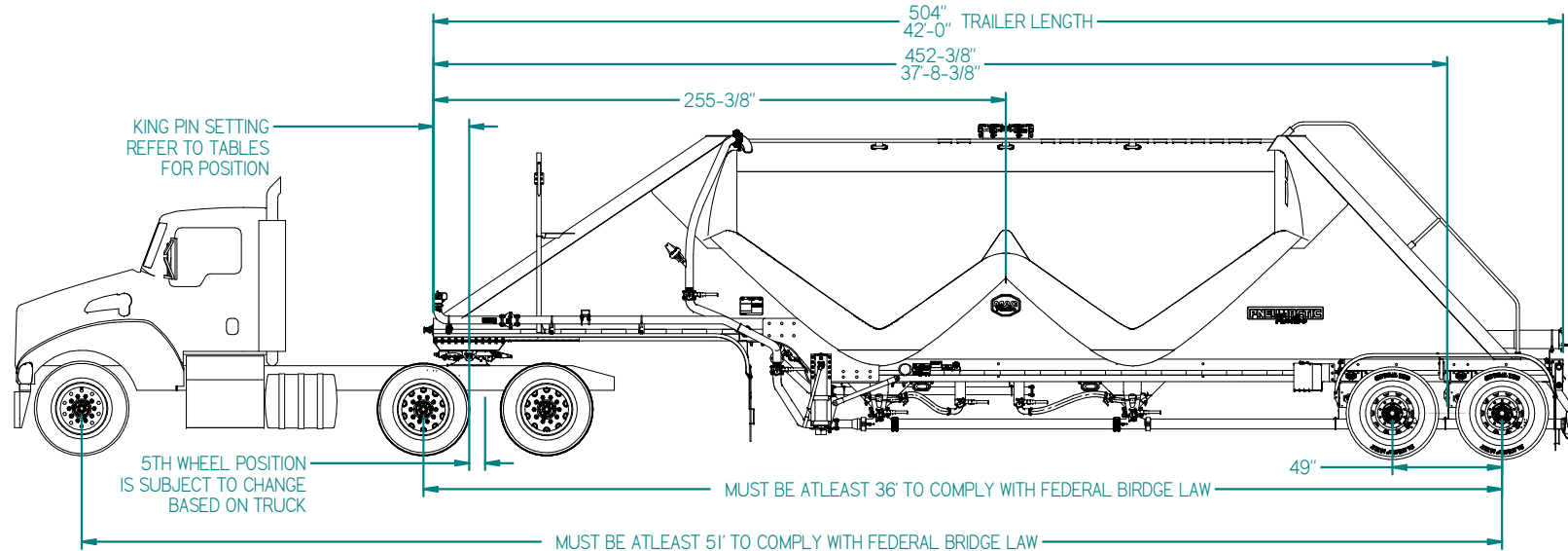
ACCESSORIES

TOE RAIL	FULL LENGTH ON BOTH SIDES
CABINET	NONE
CENTER WALKWAY	ADHESIVE BACKED, SKID-RESISTANT TAPE BETWEEN TOE RAILS
HOSE STORAGE TUBE	(1) 8 IN. X 21 FT. MOUNTED ON CS
GAUGES	1 - LINE P.S.I. / 1 TANK P.S.I. - (INSIDE ILLUMINATED ENCLOSURE)
MUD FLAPS	ANTI-SAIL FLAPS (REAR OF FRONT FENDERS AND REAR OF BACK FENDERS)
PRODUCT DISCHARGE HOSE	NONE
FENDERS_	ALUMINUM ROLLED EDGE - SINGLE CONTOUR AT FRONT, DOUBLE CONTOUR AT REAR
DOCUMENT HOLDER	LOCATED DRIVER SIDE NEAR LANDING GEAR
AIR INLET ACCESSORIES	PTO HOSE HOLDER, MAST, HOOK AND DUMMY ADAPTER LOCATED DRIVER SIDE ABOVE FRONT FENDER

DISCLAIMER

Specifications are believed to be correct, but may contain errors and/or omissions. Photographs are the representative of the subject equipment but may not be identical. Equipment availability, prices and specifications are subject to change without notice.

TRAILER IS FOR REPRESENTATIVE PURPOSES, AND APPEARANCE MAY VARY. FOR ACCURATE REPRESENTATION OF COMPLETED UNIT SEE APPROVAL DRAWINGS PRIOR TO PRODUCTION.



SLIDING 5TH WHEEL PLATE							
TRUCK WEIGHT	PAYLOAD	KING PIN	PIN LOCATION	STEER	DRIVE TANDEM	TRAILER TANDEM	GVW
21,010 LB	50,690 LB	15.25	0	12,051 LB	33,946 LB	33,998 LB	79,995 LB
20,430 LB	51,270 LB	20.75	1	12,045 LB	33,957 LB	33,998 LB	80,000 LB
19,815 LB	51,885 LB	26.25	2	12,034 LB	33,967 LB	33,998 LB	79,999 LB
19,170 LB	52,530 LB	31.75	3	12,098 LB	33,903 LB	33,999 LB	80,000 LB
18,495 LB	53,205 LB	37.25	4	12,014 LB	33,998 LB	33,998 LB	80,010 LB
17,780 LB	53,920 LB	42.75	5	12,079 LB	33,921 LB	34,000 LB	80,000 LB
17,030 LB	54,670 LB	48.25	6	12,069 LB	33,931 LB	34,000 LB	80,000 LB

DUE TO THE HIGH NUMBER OF TRUCK WHEEL BASES AVAILABLE, THE CUSTOMER MUST VERIFY THAT THEY ARE ABLE TO ACHIEVE THE 36' INNER BRIDGE REQUIREMENT & 51' OUTER BRIDGE REQUIREMENT

AFTER 5TH WHEEL ADJUSTMENT CUSTOMER MUST VERIFY THEY HAVE ENOUGH SWING CLEARANCE PRIOR TO OPERATING

MAC
Trailer

PNEUMATIC TANK, 1000
42' CLOSED TANDEM

DRAWN BY: DATE:

agordon 09/10/20

ALL WEIGHTS HAVE A TOLERANCE OF \pm 3%

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BOLT ON 5TH WHEEL PLATE							
TRUCK WEIGHT	PAYLOAD	KING PIN	BOLT MOVES	STEER	DRIVE TANDEM	TRAILER TANDEM	GVW
20,935 LB	50,765 LB	16	0	12,004 LB	33,997 LB	33,999 LB	80,000 LB
20,615 LB	51,085 LB	19	+1	12,087 LB	33,913 LB	34,000 LB	80,000 LB
20,290 LB	51,410 LB	22	+2	12,031 LB	33,969 LB	34,000 LB	80,000 LB
19,955 LB	51,745 LB	25	+3	12,045 LB	33,955 LB	34,000 LB	80,000 LB
19,610 LB	52,090 LB	28	+4	12,059 LB	33,940 LB	34,000 LB	79,999 LB
19,260 LB	52,440 LB	31	+5	12,002 LB	34,000 LB	33,999 LB	80,001 LB
18,900 LB	52,800 LB	34	+6	12,018 LB	33,985 LB	33,998 LB	80,001 LB
18,525 LB	53,175 LB	37	+7	12,031 LB	33,970 LB	33,999 LB	80,000 LB
18,140 LB	53,560 LB	40	+8	12,045 LB	33,955 LB	34,000 LB	80,000 LB
17,745 LB	53,955 LB	43	+9	12,060 LB	33,940 LB	34,000 LB	80,000 LB
17,340 LB	54,360 LB	46	+10	12,076 LB	33,924 LB	34,000 LB	80,000 LB
16,925 LB	54,775 LB	49	+11	12,013 LB	33,987 LB	34,000 LB	80,000 LB

TABLES ARE BASED ON A 8,300 LB TRAILER, WHICH INCLUDES RAISED CENTER AXLES, WITH DUAL WHEELS AND TIRES. WEIGHT ARE SUBJECT TO CHANGE BASED ON TRAILER OPTIONS

APPROVAL
SIGNATURE

DATE

HOSE HANGER


3" AIR PIPING
WITH TOP AIR

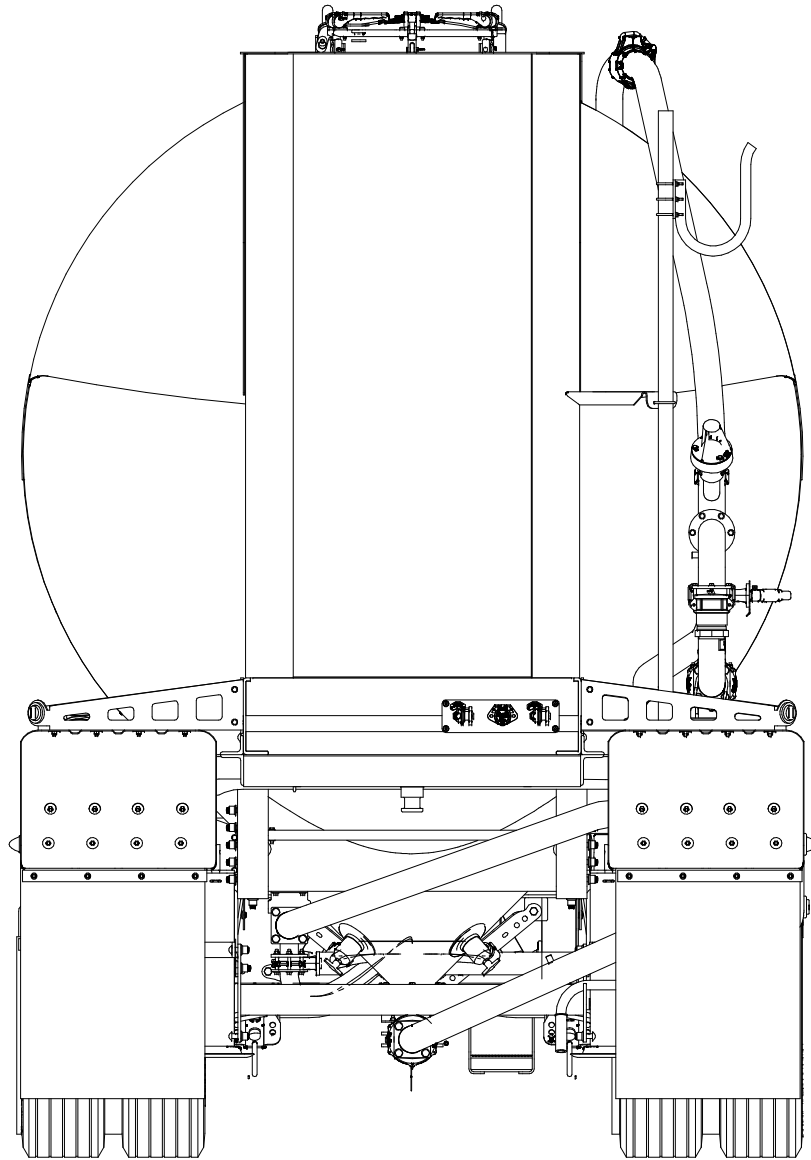
8" X 21' HOSE
TUBE

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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES ANGLES ±2° FRACTIONS ±1/16" DECIMALS ±0.02		
DRAWN: Dkelly		42' 1000 CLOSED TANDEM
DATE: 01/15/21		
WEIGHT: SEE SPEC		PART #: 61762-61763
PAGE 1 OF 4		

0	01/15/21	RELEASED TO PRODUCTION	N/A	Dkelly
REV.	DATE	REASON FOR CHANGE	ECN #	BY

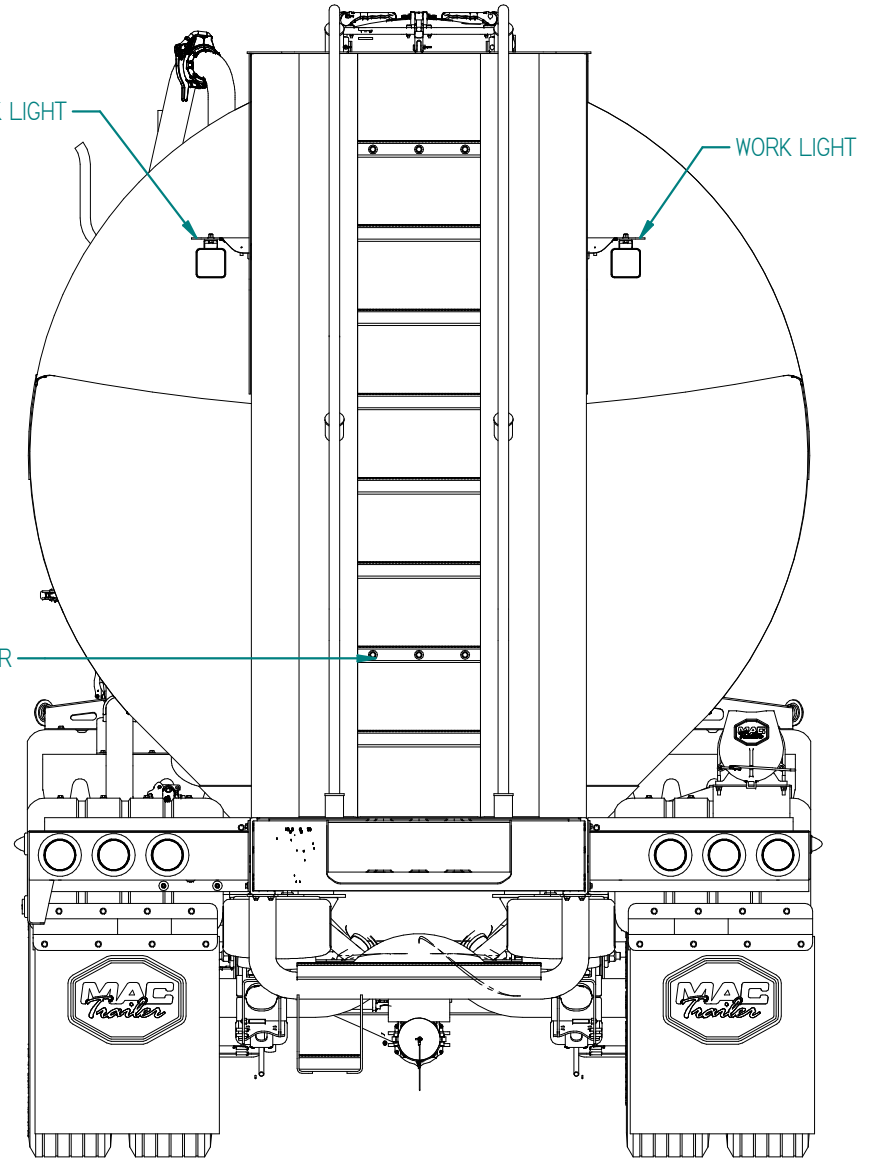
42' 1000 CLOSED TANDEM

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DRAWN: Dkelly	DATE: 01/15/21	42' 1000 CLOSED TANDEM
WEIGHT: SEE SPEC	PAGE 20F 4	
		PART # : 61762-61763



WORK LIGHT

ADDITIONAL REAR
MARKER LIGHTS



WORK LIGHT

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MAC Trailer MFG

42' 1000 CLOSED TANDEM

0	01/15/21	RELEASED TO PRODUCTION	N/A	Dkelly
REV.	DATE	REASON FOR CHANGE	ECN #	BY

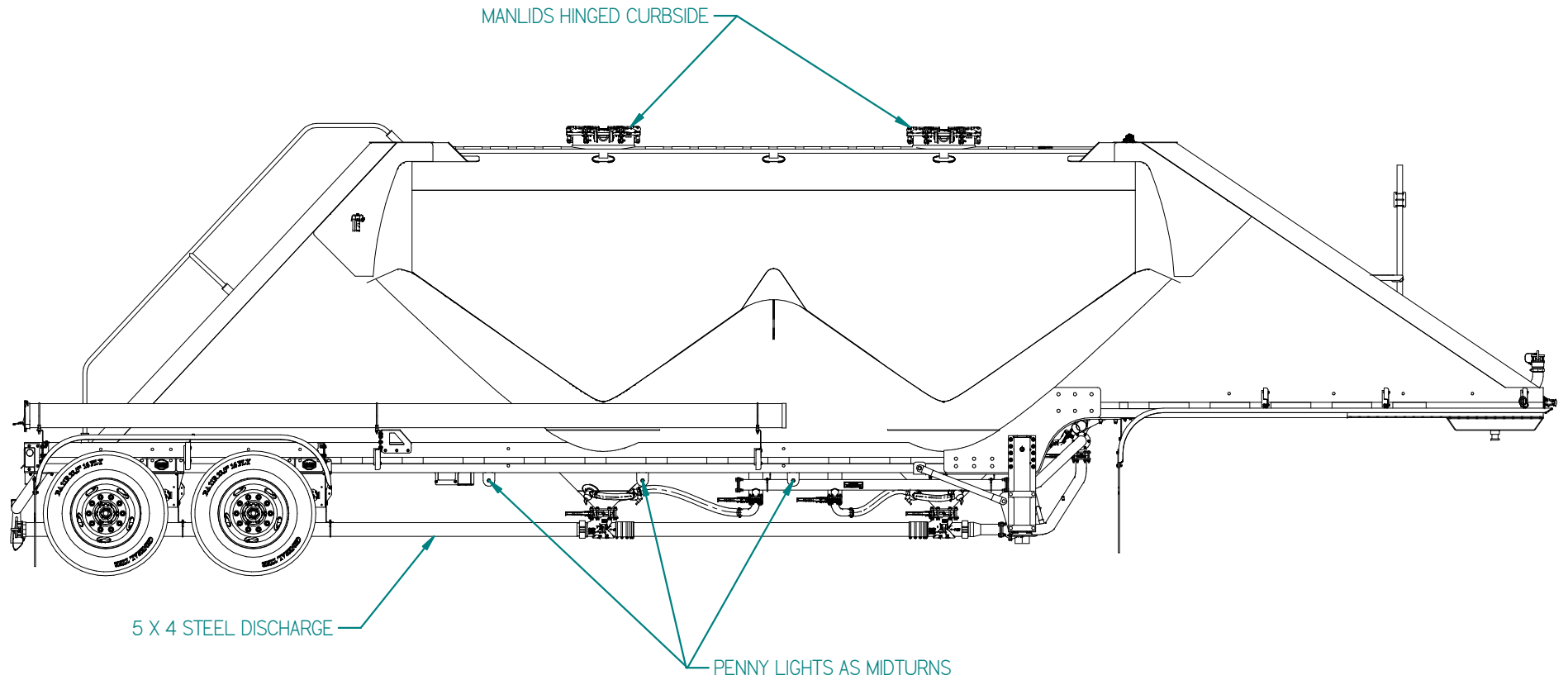
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WEIGHT: SEE SPEC

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PART # : 61762-61763



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DRAWN: Dkelly	DATE: 01/15/21		
WEIGHT: SEE SPEC	PAGE 4 OF 4	PART #: 61762-61763	

0	01/15/21	RELEASED TO PRODUCTION	N/A	Dkelly
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