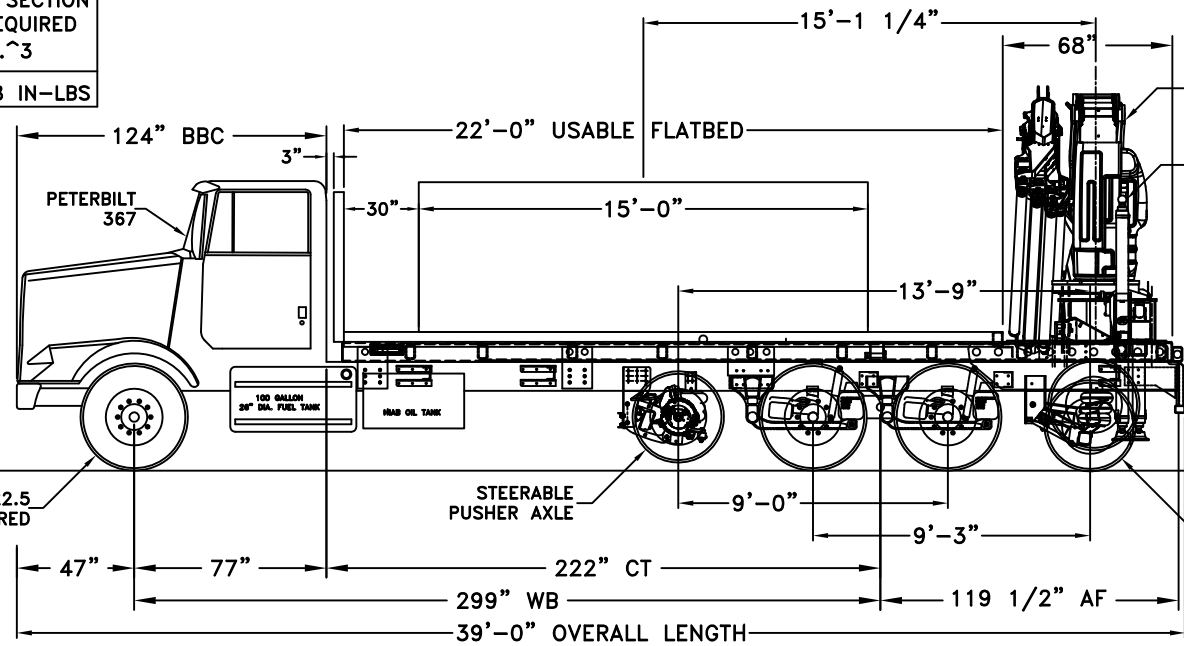


YIELD STRENGTH
120,000 P.S.I. YIELD

CRANE MIN. SECTION
MODULUS REQUIRED
= 57.46 in.³

CRANE MIN. RBM/RAIL = 6,895,728 IN-LBS



CRANE MAY BE DERATED
IN FRONT QUADRANTS AS
MUCH AS 20%. ACTUAL
DERATING SHALL BE BASED
ON PHYSICAL TESTING.

HIAB 558EP-3 HIPRO

TILTABLE
OUTRIGGERS
REQUIRED

425/65R22.5
TIRES REQUIRED

SELF-STEER
TAG LIFT AXLE
SILENT DRIVE
PART# D24370

**TRUCK, HIAB CRANE & ACCESSORIES WEIGHT
DISTRIBUTION, NO PAYLOAD, TAG AXLE DOWN.**

TOTAL WEIGHT ON FRONT AXLE	= 13,360 LBS.
TOTAL WEIGHT ON TANDEM AXLE	= 21,610 LBS.
TOTAL WEIGHT ON TAG AXLE	= 11,000 LBS.
FRONT AXLE WT. PERCENTAGE	= 29 %
TANDEM AXLE WT. PERCENTAGE	= 47 %
TAG AXLE WT. PERCENTAGE	= 24 %
GROSS VEHICLE WEIGHT	= 45,970 LBS.

**TRUCK, HIAB CRANE & ACCESSORIES WEIGHT
DIST., WITH PAYLOAD, PUSHER & TAG DOWN.**

TOTAL WEIGHT ON FRONT AXLE	= 18,060 LBS.
TOTAL WEIGHT ON PUSHER AXLE	= 8,500 LBS.
TOTAL WEIGHT ON TANDEM AXLE	= 30,440 LBS.
TOTAL WEIGHT ON TAG LIFT AXLE	= 11,000 LBS.
FRONT AXLE WT. PERCENTAGE	= 27 %
PUSHER AXLE WT. PERCENTAGE	= 12 %
TANDEM AXLE WT. PERCENTAGE	= 45 %
TAG LIFT AXLE WT. PERCENTAGE	= 16 %

GROSS VEHICLE WEIGHT	= 68,000 LBS.
PAYLOAD AS SHOWN-15' TANK	= 22,030 LBS.
*WATER LEVEL PAYLOAD	= 22,030 LBS.

TRUCK SPECIFICATIONS

TRUCK MODEL	= PETERBILT 367
WHEELBASE	= 299"
CAB TO TANDEM	= 222"
AXLE-TO-FRAME	= 119 1/2"
FRONT CURB WEIGHT	= 11,100 LBS.
TANDEM CURB WEIGHT	= 9,200 LBS.
FRONT G.A.W.R.	= 20,000 LBS.
TANDEM G.A.W.R.	= 46,000 LBS.

YIELD STRENGTH OF EACH FRAME RAIL	MINIMUM SECTION MODULUS REQUIRED
120,000 P.S.I. YIELD	= 38.00 in. ³

MINIMUM RBM/RAIL = 4,560,000 IN-LBS

NOTES:

DOUBLE FRAME CHASSIS REQUIRED.
CHASSIS FRAME RAIL MIN. OF 38.0 SECTION MODULUS REQ'D.
FULL LENGTH SUB-FRAME REQUIRED:
8"x4"x1/2" RECT. TUBING (ON TOP OF CHASSIS FRAME)
6"x4"x1/2" RECT. TUBING (CROSSMEMBERS EVERY 3 FT.)
1/2" TOP & 3/8" BOTTOM PLATE REQUIRED.
BODY AND TAG AXLE WEIGHTS WERE ESTIMATED.
PUSHER AXLE AND CURB WEIGHTS WERE ESTIMATED.
TAG AXLE MUST BE DOWN IN ALL FORWARD GEARS.

TRUCK RUNS IN US (RULES FOR MOST STATES).
20,000 LBS. ALLOWED ON FRONT AXLE.
34,000 LBS. ALLOWED ON TANDEM AXLE.
42,500 LBS. ALLOWED ON 3 AXLE GROUP (9').
51,500 LBS. ALLOWED ON 4 AXLE GROUP (14).
68,000 LBS. ALLOWED FOR TRUCK GROSS WEIGHT (32').
MAXIMUM OVERALL LENGTH CANNOT EXCEED 40'.

NOTICE:
THE DRAWING PURPOSE IS TO INTRODUCE
A GENERAL CONCEPT OF A PROPOSED IDEA.

NOTICE:
THIS WEIGHT DISTRIBUTION IS BASED ON ESTIMATED
WEIGHTS AND IS ONLY AS ACCURATE AS THOSE
ESTIMATES. ACTUAL WEIGHTS MAY CHANGE
THE RESULTS OF THIS WEIGHT DISTRIBUTION.

Hiab, Inc.
Hiab, Inc.
12233 Williams Road
Perryburg, Ohio 43551
Tel (419) 482-6000
Fax (419) 482-6001
Tolerances - unless otherwise noted.
Tolerances are in inches
2-PLACE ±.00..... .03
3-PLACE ±.000..... .015
ANGULAR ± 1'
FRACTIONAL ± 1/16"
Break all sharp corners
unless otherwise specified.

THIS PROPERTY AND ALL INFORMATION THEREIN IS
THE PROPERTY OF HIAB, INC., 12233 WILLIAMS RD,
PERRYBURG, OHIO 43551 AND IS CONFIDENTIAL. IT
MUST NOT BE MADE PUBLIC OR COPIED. THIS DRAWING
IS LOANED TO RETURN UPON DEMAND AND SHALL NOT
BE USED DIRECTLY OR INDIRECTLY IN ANY WAY
DETRIMENTAL TO OUR INTERESTS. OUR PRIOR SPECIFIC
APPROVAL IS REQUIRED FOR EXPOSURE OF THIS
DRAWING TO OTHERS FOR ANY PURPOSE.

Drawing Title:
HIAB 558EP-3 HIPRO CRANE

Project Name:
SALES LAYOUT

Drawn by:	Date:	Size:	Part No.
CSV	2-26-18		
Approval:	Date Approved:	Scale:	unit wt.
			Eng. job no.:

Dwg/Cad file no.
558 / SALES