



TRUCK, HIAB CRANE & ACCESSORIES WEIGHT DISTRIBUTION, NO PAYLOAD, LIFT AXLE UP.	
TOTAL WEIGHT ON FRONT AXLE	= 12,850 LBS.
TOTAL WEIGHT ON REAR AXLE	= 26,730 LBS.
FRONT AXLE WT. PERCENTAGE	= 32 %
REAR AXLE WT. PERCENTAGE	= 68 %
GROSS VEHICLE WEIGHT	= 39,580 LBS.

TRUCK, HIAB CRANE & ACCESSORIES WEIGHT DISTRIBUTION, WITH PAYLOAD, LIFT AXLE DOWN	
TOTAL WEIGHT ON FRONT AXLE	= 16,800 LBS.
TOTAL WEIGHT ON LIFT AXLE	= 8,500 LBS.
TOTAL WEIGHT ON REAR AXLE	= 34,000 LBS.
FRONT AXLE WT. PERCENTAGE	= 28 %
LIFT AXLE WT. PERCENTAGE	= 14 %
REAR AXLE WT. PERCENTAGE	= 58 %
GROSS VEHICLE WEIGHT	= 59,300 LBS.
WATER LEVEL PAYLOAD	= 19,720 LBS.

TRUCK SPECIFICATIONS	
TRUCK MODEL	= KENWORTH T880B
WHEELBASE	= 315"
CAB TO TANDEM	= 241"
AXLE-TO-FRAME	= 98"
FRONT AXLE CURB WEIGHT	= 11,800 LBS.
REAR AXLE CURB WEIGHT	= 9,200 LBS.
FRONT G.A.W.R.	= 20,000 LBS.
REAR G.A.W.R.	= 46,000 LBS.
YIELD STRENGTH OF EACH FRAME RAIL	MINIMUM SECTION MODULUS REQUIRED
120,000 P.S.I. YIELD	= 38.14 in. ³
MINIMUM RBM/RAIL OF 4,576,385 IN-LBS	

NOTES:
 CHASSIS FRAME RAIL MIN. OF 37.0 SECTION MODULUS REQ'D.
 FULL LENGTH SUB-FRAME REQUIRED:
 6"x4"x3/8" RECT. TUBING (ON TOP OF CHASSIS FRAME)
 5"x3"x3/8" RECT. TUBING (CROSSMEMBERS EVERY 3 FT.)
 3/8" TOP PLATE REQUIRED.
 FLATBED WEIGHTS ARE ESTIMATED.
 CURB WEIGHTS ARE ESTIMATED.

TRUCK RUNS IN US (RULES FOR MOST STATES).
 20,000 LBS. ALLOWED ON FRONT AXLE.
 34,000 LBS. ALLOWED ON TANDEM.
 42,500 LBS. ALLOWED ON 9' TRIDEM.
 60,500 LBS. ALLOWED FOR GROSS WEIGHT.
 MAXIMUM 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
 Perrysburg, Ohio 43551
 Tel (419) 482-6000
 Fax (419) 482-6001

Tolerances - unless otherwise noted.
 Tolerances are in inches
 2-PLACE ±.000... .05
 3-PLACE ±.000... .015
 ANGULAR ±/16"
 FRACTIONAL ±/16"
 Break all sharp corners unless otherwise specified.

THIS PROPERTY AND ALL INFORMATION THEREIN IS THE PROPERTY OF HIAB, INC., 12233 WILLIAMS RD, PERRYSBURG, 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.

Next Assy.
362 / SALES
 Dwg/Cad file no.

Drawing Title:
HIAB 362EP-3 HIPRO

Project Name:
SALES LAYOUT

Drawn by: Date: Size: Part No.
 CSV 4-22-19 N/A

Approval: Date Approved: Scale: unit wt. Eng. Job no.: