



TRUCK, HIAB CRANE & ACCESSORIES WEIGHT DISTRIBUTION, NO PAYLOAD.	
TOTAL WEIGHT ON FRONT AXLE	= 11,970 LBS.
TOTAL WEIGHT ON REAR AXLE	= 14,620 LBS.
FRONT AXLE WT. PERCENTAGE	= 45 %
REAR AXLE WT. PERCENTAGE	= 55 %
GROSS VEHICLE WEIGHT	= 26,590 LBS.

TRUCK, HIAB CRANE & ACCESSORIES WEIGHT DISTRIBUTION, WITH PAYLOAD.	
TOTAL WEIGHT ON FRONT AXLE	= 13,420 LBS.
TOTAL WEIGHT ON REAR AXLE	= 19,400 LBS.
FRONT AXLE WT. PERCENTAGE	= 41 %
REAR AXLE WT. PERCENTAGE	= 59 %
GROSS VEHICLE WEIGHT	= 32,420 LBS.
WATER LEVEL PAYLOAD	= 5,830 LBS.

TRUCK SPECIFICATIONS	
TRUCK MODEL	= FREIGHTLINER 108SD
WHEELBASE	= 193"
CAB TO AXLE	= 127 1/2"
AXLE-TO-FRAME	= 68"
FRONT AXLE CURB WEIGHT	= 8,168 LBS.
REAR AXLE CURB WEIGHT	= 4,508 LBS.
FRONT G.A.W.R.	= 14,000 LBS.
REAR G.A.W.R.	= 19,000 LBS.
YIELD STRENGTH OF EACH CHASSIS FRAME	MINIMUM SECTION MODULUS REQUIRED
120,000 P.S.I. YIELD	= 23.60 in. <sup>3</sup>
MINIMUM RBM/RAIL OF 2,831,981 IN-LBS	

**NOTES:**  
 FULL LENGTH SUBFRAME REQUIRED FOR OUTRIGGER LEG CLEARANCE:  
 6"x4"x3/8" SQ. TUBE (ON TOP OF CHASSIS FRAME)  
 5"x3"x3/8" SQ. TUBE (CROSS MEMBERS)  
 1/4" TOP PLATE.  
 FLATBED WEIGHT IS ESTIMATED.  
 CURB WEIGHTS WERE PROVIDED.

TRUCK RUNS IN US (RULES FOR MOST STATES).  
 14,000 LBS. ALLOWED ON FRONT GAWR.  
 19,000 LBS. ALLOWED ON REAR GAWR.  
 33,000 LBS. MAX. GROSS VEHICLE 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.

<b>Hiab, Inc.</b> Hiab, Inc. 12233 Williams Road Perrysburg, Ohio 43551 Tel (419) 482-6000 Fax (419) 482-6001 <small>Tolerances - unless otherwise noted.                  Tolerances are in inches.                  2-PLACE ±.00..... .03                  3-PLACE ±.00..... .015                  ANGULAR ± .....1°                  FRACTIONAL ± .....1/16"                  Break all sharp corners                  unless otherwise specified.</small>	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.	Drawing Title: <b>HIAB 232E-6</b>
	Next Assy: <b>232 / SALES</b> Dwg/Cad file no.	Project Name: <b>SALES LAYOUT</b>
		Size: Part No. Scale: unit wt. Eng. job no.: