



TRUCK, HIAB CRANE & ACCESSORIES WEIGHT DISTRIBUTION, <u>NO PAYLOAD.</u>	
TOTAL WEIGHT ON FRONT AXLE	= 10,090 LBS.
TOTAL WEIGHT ON REAR AXLE	= 18,870 LBS.
FRONT AXLE WT. PERCENTAGE	= 35 %
REAR AXLE WT. PERCENTAGE	= 65 %
GROSS VEHICLE WEIGHT	= 28,960 LBS.

TRUCK, HIAB CRANE & ACCESSORIES WEIGHT DISTRIBUTION, <u>WITH PAYLOAD.</u>	
TOTAL WEIGHT ON FRONT AXLE	= 13,360 LBS.
TOTAL WEIGHT ON REAR AXLE	= 34,000 LBS.
FRONT AXLE WT. PERCENTAGE	= 28 %
REAR AXLE WT. PERCENTAGE	= 72 %
GROSS VEHICLE WEIGHT	= 47,360 LBS.
PAYLOAD AS SHOWN	= 18,400 LBS.

TRUCK SPECIFICATIONS	
TRUCK MODEL	= INTERNATIONAL HV613
WHEELBASE	= 293"
CAB TO TANDEM	= 226"
AXLE-TO-FRAME	= 126"
FRONT AXLE TARE WEIGHT	= 9,840 LBS.
REAR AXLE TARE WEIGHT	= 8,380 LBS.
FRONT G.A.W.R.	= 14,000 LBS.
REAR G.A.W.R.	= 40,000 LBS.
YIELD STRENGTH OF EACH FRAME RAIL	MINIMUM SECTION MODULUS REQUIRED
120,000 P.S.I. YIELD	= 16.33 in. ³
MINIMUM RBM/RAIL OF 1,959,120 IN-LBS	

NOTES:
 FRAME RAIL MUST MEET THE MINIMUM RBM REQUIRED.
 RISER REQUIRED FOR OUTRIGGER CLEARANCE:
 4"x4"x3/8" SQ. TUBING (ON TOP OF FRAME RAIL)
 3"x3"x3/8" SQ. TUBING (CROSSMEMBERS)
 FLATBED WEIGHTS ARE ESTIMATED.
 CURB WEIGHTS ARE PROVIDED.

TRUCK RUNS IN US (RULES FOR MOST STATES.)
 14,000 LBS. ALLOWED ON FRONT AXLE GAWR.
 34,000 LBS. ALLOWED ON TANDEM.
 48,000 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) 482-8001

Tolerances - unless otherwise noted.
 Tolerances are in inches.

2-PLACE 2.00..... .03
 3-PLACE 2.00..... .015
 ANGULAR 21/16
 FRACTIONAL 21/16
 Break all sharp corners unless otherwise specified.

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

Drawing Title:			
HIAB 144B-3 DUO			
Project Name:			
SALES LAYOUT			
Drawn by:	Date:	Size:	Part No.
CSV	3-5-18	C	
Approval:	Date Approved:	Scale:	unit wt.
		N/A	
		Eng. job no.:	