



TRUCK, HIAB LOADER & ACCESSORIES WEIGHT DISTRIBUTION, <u>NO</u> PAYLOAD.	
TOTAL WEIGHT ON FRONT AXLE	= 12,250 LBS.
TOTAL WEIGHT ON REAR AXLE	= 16,990 LBS.
FRONT AXLE WT. PERCENTAGE	= 42 %
REAR AXLE WT. PERCENTAGE	= 58 %
GROSS VEHICLE WEIGHT	= 29,240 LBS.

TRUCK, HIAB LOADER & ACCESSORIES WEIGHT DISTRIBUTION, <u>WITH</u> PAYLOAD.	
TOTAL WEIGHT ON FRONT AXLE	= 12,470 LBS.
TOTAL WEIGHT ON REAR AXLE	= 34,000 LBS.
FRONT AXLE WT. PERCENTAGE	= 27 %
REAR AXLE WT. PERCENTAGE	= 73 %
GROSS VEHICLE WEIGHT	= 46,470 LBS.
WATER LEVEL PAYLOAD	= 17,230 LBS.

TRUCK SPECIFICATIONS	
TRUCK MODEL	= INTL HV608 SBA
WHEELBASE	= 276"
CAB TO TANDEM	= 209"
AXLE-TO-FRAME	= 115"
FRONT AXLE CURB WEIGHT	= 8,800 LBS.
REAR AXLE CURB WEIGHT	= 7,800 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	= 29.84 in. ³
MINIMUM RBM/RAIL OF 3,580,800 IN-LBS	

NOTES:
 DOUBLE FRAME RAIL CHASSIS REQUIRED.
 CHASSIS FRAME RAIL MUST MEET OR EXCEED MINIMUM RBM.
 RISER REQUIRED FOR ROTATION CLEARANCE.
 8"x4"x3/8" RECT. TUBING (ON TOP OF CHASSIS FRAME)
 7"x3"x3/8" RECT. TUBING (CROSS MEMBERS)
 BODY WEIGHT WAS ESTIMATED.
 CURB WEIGHTS WERE ESTIMATED.

TRUCK RUNS IN US (RULES FOR MOST STATES).
 14,000 LBS. ALLOWED ON FRONT AXLE.
 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) 482-6001

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.

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

Drawing Title:
 JONSERED J14S 79i

Project Name:
 SALES LAYOUT

Drawn by/Date:
 SMG 2-20-20

Size/Part No.:
 N/A

Approval/Date Approved:
 Scale: unit wt. Eng. job no.: