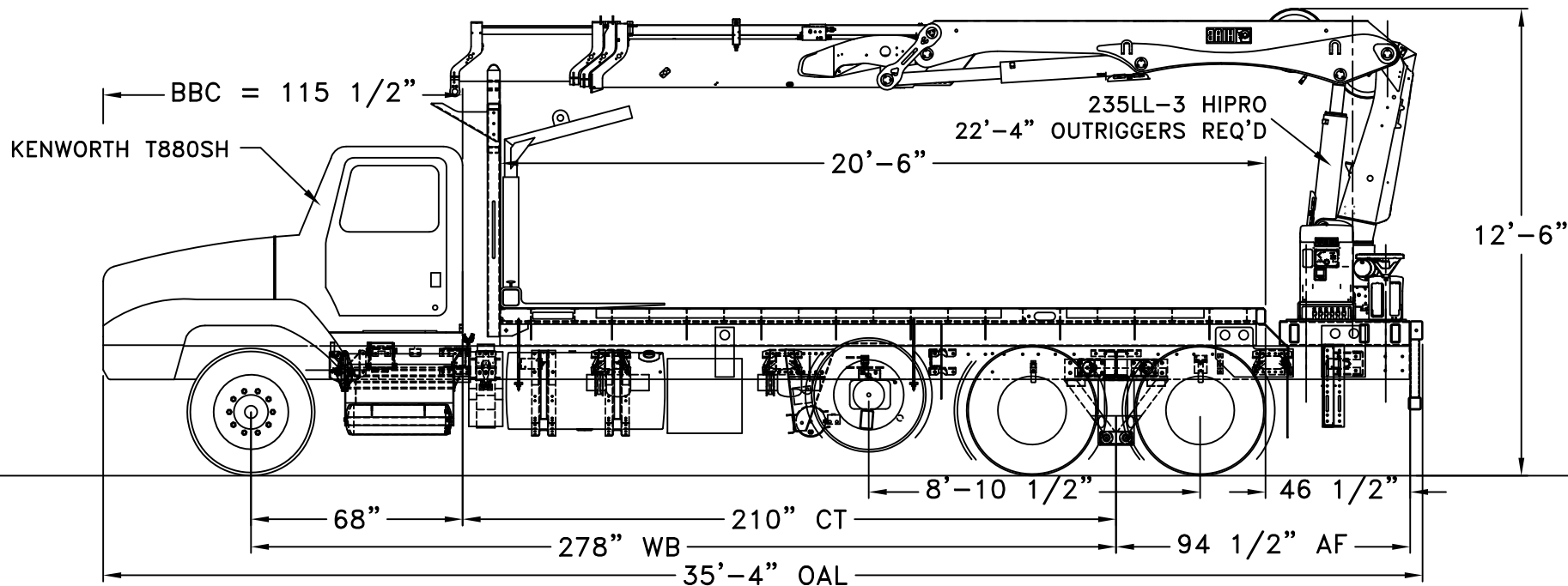


REV. PART NO.
H3754**TRUCK, HIAB CRANE & ACCESSORIES WEIGHT DISTRIBUTION, NO PAYLOAD, PUSHER AXLE UP.**

TOTAL WEIGHT ON FRONT AXLE	= 13,270 LBS.
TOTAL WEIGHT ON REAR AXLE	= 19,200 LBS.
FRONT AXLE WT. PERCENTAGE	= 41 %
REAR AXLE WT. PERCENTAGE	= 59 %
GROSS VEHICLE WEIGHT	= 32,470 LBS.

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

TOTAL WEIGHT ON FRONT AXLE	= 17,880 LBS.
TOTAL WEIGHT ON PUSHER AXLE	= 8,500 LBS.
TOTAL WEIGHT ON REAR AXLE	= 32,120 LBS.
FRONT AXLE WT. PERCENTAGE	= 31 %
PUSHER AXLE WT. PERCENTAGE	= 14 %
REAR AXLE WT. PERCENTAGE	= 55 %
GROSS VEHICLE WEIGHT	= 58,500 LBS.
PAYLOAD AS SHOWN	= 26,030 LBS.

TRUCK SPECIFICATIONS

TRUCK MODEL	= KW T880SH
WHEELBASE	= 278"
CAB TO AXLE	= 210"
AXLE-TO-FRAME	= 94 1/2"

FRONT AXLE CURB WEIGHT	= 11,000 LBS.
REAR AXLE CURB WEIGHT	= 7,800 LBS.
FRONT G.A.W.R.	= 20,000 LBS.
REAR G.A.W.R.	= 40,000 LBS.

YIELD STRENGTH OF EACH FRAME RAIL	MINIMUM SECTION MODULUS REQUIRED
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120,000 P.S.I. YIELD	= 23.50 in. ³
MINIMUM RBM/RAIL OF 2,820,000 IN-LBS	

NOTES:

DOUBLE FRAME CHASSIS REQUIRED.
FRAME RAIL MUST MEET THE MINIMUM RBM REQUIRED.
RISER REQUIRED FOR OUTRIGGER CLEARANCE:
8"x4"x3/8" RECT. TUBING (ON TOP OF FRAME RAIL)
6"x3"x3/8" RECT. TUBING (CROSS MEMBERS)
FLATBED WEIGHT IS ESTIMATED.
CURB WEIGHS ARE ESTIMATED.

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 9' TRIDEM.
58,500 LBS. ALLOWED FOR GROSS VEHICLE WEIGHT.
OVERALL LENGTH MUST NOT 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

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 .0000 .03
3-PLACE .0000 .015
ANGULAR .0000 .1
FRACTIONAL .0000 .1/16
Break all sharp corners
unless otherwise specified.

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Next Assy.

Dwg/Cad file no.

235L / SALES

Drawing Title:

HIAB 235 L-3 HIPO CRANE

Project Name:

SALES LAYOUT

Drawn by: Date:

EJM 5-1-18

Approval:

Date Approved:

Size: Part No.

Scale: unit wt.

Eng. job no.: