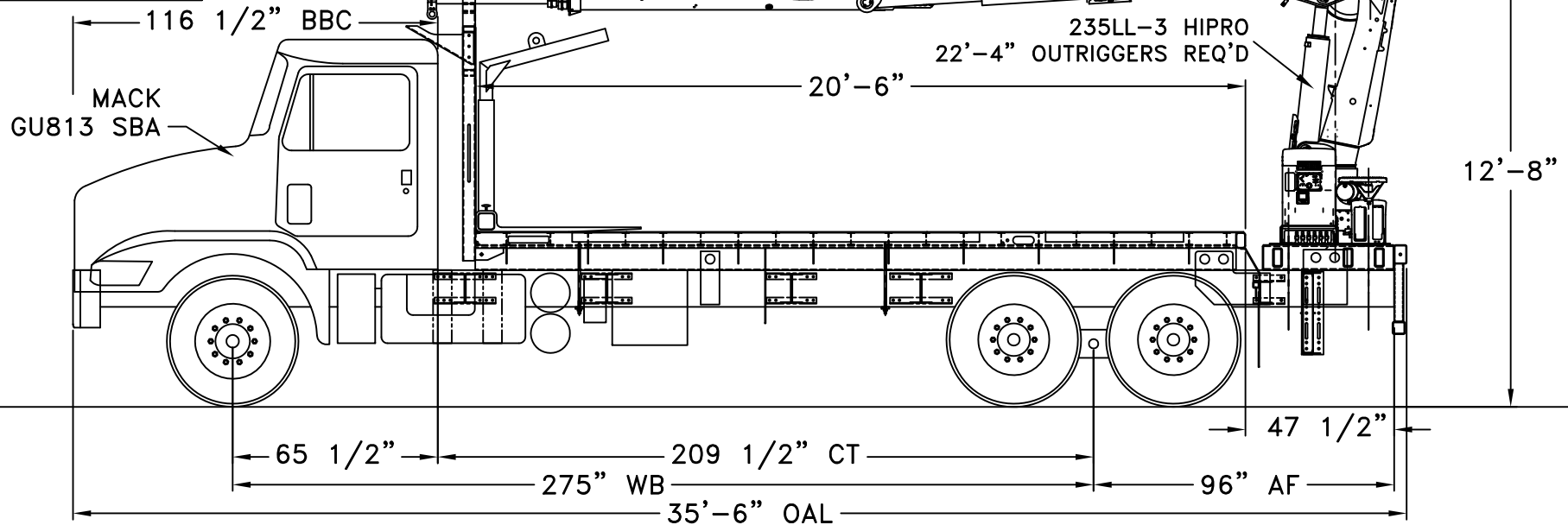


CRANE MAY BE DERATED
IN FRONT QUADRANTS AS
MUCH AS 20%. ACTUAL
DERATING SHALL BE BASED
ON PHYSICAL TESTING.

REV. PART NO.
H3753A



**TRUCK, HIAB CRANE & ACCESSORIES WEIGHT
DISTRIBUTION, NO PAYLOAD.**

TOTAL WEIGHT ON FRONT AXLE	= 11,590 LBS.
TOTAL WEIGHT ON REAR AXLE	= 18,410 LBS.
FRONT AXLE WT. PERCENTAGE	= 39 %
REAR AXLE WT. PERCENTAGE	= 61 %
GROSS VEHICLE WEIGHT	= 30,000 LBS.

**TRUCK, HIAB CRANE & ACCESSORIES WEIGHT
DIST., WITH PAYLOAD.**

TOTAL WEIGHT ON FRONT AXLE	= 17,330 LBS.
TOTAL WEIGHT ON REAR AXLE	= 34,000 LBS.
FRONT AXLE WT. PERCENTAGE	= 34 %
REAR AXLE WT. PERCENTAGE	= 66 %
GROSS VEHICLE WEIGHT	= 51,330 LBS.
WATER LEVEL PAYLOAD	= 21,330 LBS.

TRUCK SPECIFICATIONS

TRUCK MODEL	= MACK GU813
WHEELBASE	= 275"
CAB TO AXLE	= 209 1/2"
AXLE-TO-FRAME	= 96"
FRONT AXLE CURB WEIGHT	= 9,700 LBS.
REAR AXLE CURB WEIGHT	= 8,200 LBS.
FRONT G.A.W.R.	= 20,000 LBS.
REAR G.A.W.R.	= 38,000 LBS.
YIELD STRENGTH OF EACH FRAME RAIL	MINIMUM SECTION MODULUS REQUIRED
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.
54,500 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 .2° 1°
FRACTIONAL .2° 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 HIPRO CRANE

Project Name:

SALES LAYOUT

Drawn by: Date:

EJM 5-1-18

Approval:

Date Approved:

Size: Part No.

Scale: unit wt.

Eng. job no.: