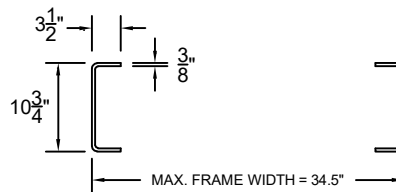


BASIS OF DESIGN

ITEM	DESCRIPTION	REMARKS
TRUCK CHASSIS	PETERBILT 367	
DRIVER WEIGHT	250 LB.	INCLUDED IN ANALYSIS
FUEL TANK	100 GALLONS	INCLUDED IN ANALYSIS
HYDRAULIC TANK	60 GALLONS	ON PASSENGER SIDE, OPPOSITE TOOL BOX
TOOL BOXES	48" LONG	ALUMINUM

MINIMUM TRUCK FRAME SPECIFICATIONS



SECTION MODULUS PER RAIL = 17.8 IN**3
MIN. YIELD STRENGTH = 120 KSI

WEIGHT DISTRIBUTION (LBS.)

	FRONT	REAR	LIFT	TOTAL
TRUCK	11,630	8,120	-	19,750
CRANE	1,820	19,550	-	21,370
PAYLOAD	4,550	6,330	8,000	18,880
TOTALS	18,000	34,000	8,000	60,000

TOTAL AXLE LIMITS SHOWN ARE BASED ON FEDERAL D.O.T. REGULATIONS.

MAXIMUM ALLOWABLE PAYLOAD ON THE DECK WHEN LIFTING LOADS WITH THE CRANE IS 15,000 LB.

PRELIMINARY

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(775) 507-5356

REV.	DESCRIPTION	DATE	DESCRIPTION	SHEET NO.
			JOB 100390, MODEL 5030R REMOUNT OF CRANE SERIAL# 0214037303	1 OF 1
	DRAWING NO.		J100390	JOB NO.
	DRAWN BY M.H.	DATE 06/01/21	CHECKED BY	DATE