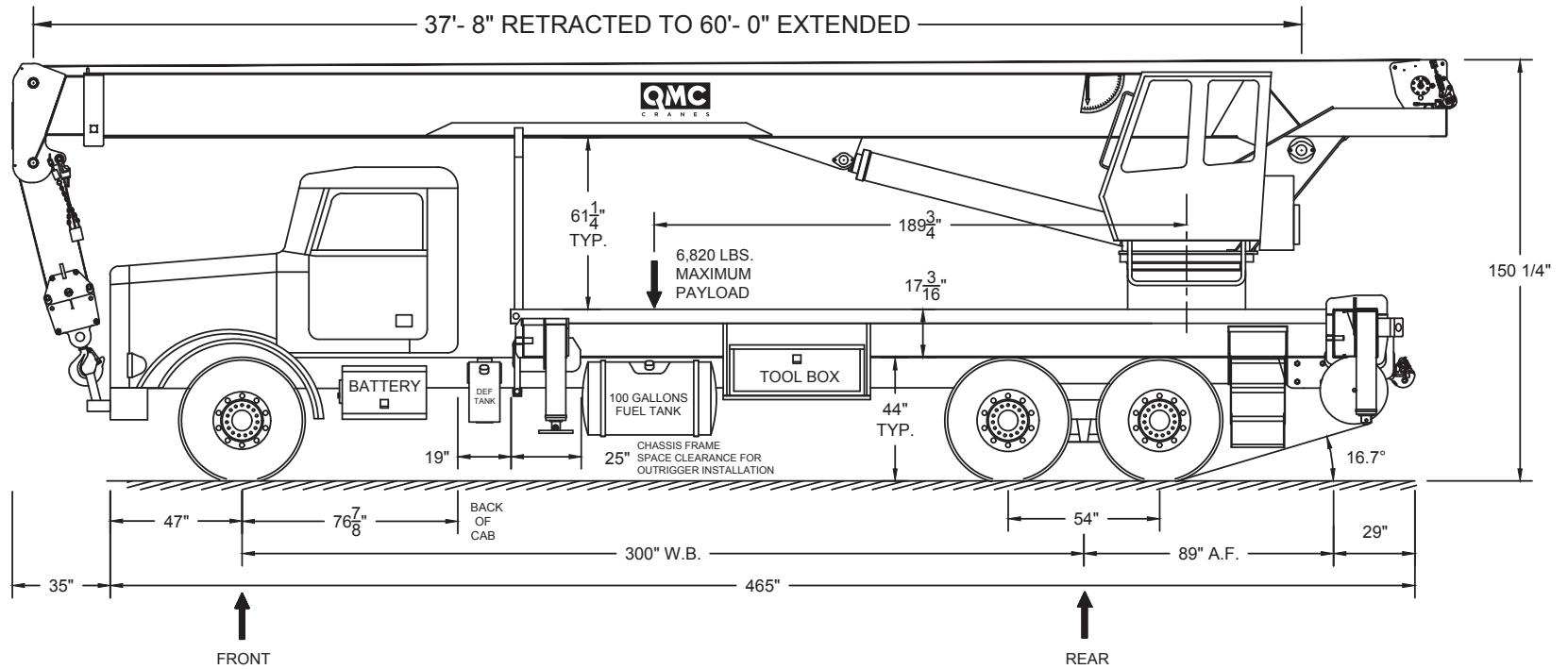


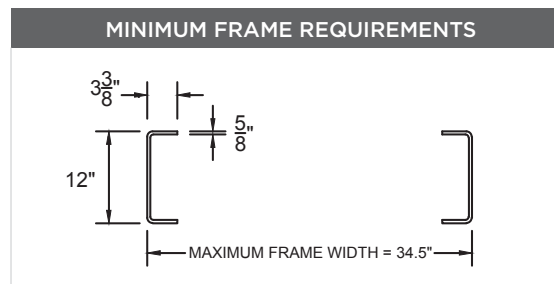
QMC 7060C

CENTER MOUNT

ASME B30.5
IMPERIAL 85%



BASIS OF DESIGN		
ITEM	DESCRIPTION	REMARKS
Truck chassis		Per customer
Driver weight	250 pounds	Included in analysis
Fuel tank	100 gallons	Included in analysis
Hydraulic tank	100 gallons	Included in analysis, location may vary
Tool box	48" long	Size may vary, aluminum construction



Minimum section modulus per rail = 22.4 in.³
Minimum yield strength = 110 KSI

WEIGHT DISTRIBUTION			
	FRONT	REAR	TOTAL
Truck	11,120	7,350	18,470
Crane	8,270	24,830	33,100
Payload	610	1,820	2,430
Totals	20,000	34,000	54,000

Total axle limits shown are based on Federal D.O.T. regulations bridge formula.

Truck dimensions, weights, payload, and lifting performance representative of design baseline. Variations from information shown (truck weights, wheel base, front axle to back of cab, and more) may be accommodated and may result in adjustment of payload, payload size, and crane lifting capacity. Contact QMC Cranes with your requirements.

QMC 7060C

CENTER MOUNT

Load Chart

Red lines indicate transition from structural to tipping limits. Loads above the line are based on structural limits. Loads below the line are based on 85% actual tipping condition per ASME B30.5.

38 FOOT BOOM				
WORKING RADIUS	BOOM ANGLE	RATED LOAD		
		REAR	SIDE	FRONT
6	77	90,240	90,200	90,200
8	74	80,100	80,100	85,700
10	71	70,900	70,900	71,800
12	67	59,900	59,900	59,900
14	64	51,200	51,200	51,200
15	62	47,600	47,600	47,600
18	57	39,300	39,300	39,300
20	53	34,100	32,900	35,100
25	42	24,600	21,100	27,400
30	29	18,200	15,000	22,000

49 FOOT BOOM				
WORKING RADIUS	BOOM ANGLE	RATED LOAD		
		REAR	SIDE	FRONT
8	78	62,200	62,200	62,200
10	76	62,200	62,200	62,200
12	73	60,100	60,100	60,100
14	71	51,300	51,300	51,300
15	70	47,800	47,800	47,800
18	66	39,500	39,500	39,500
20	63	34,300	33,300	35,300
25	56	24,800	21,400	27,600
30	48	18,500	15,300	22,300
35	39	14,000	11,600	17,900
40	28	10,900	9,000	14,600
45	9	8,700	7,100	10,900

60 FOOT BOOM				
WORKING RADIUS	BOOM ANGLE	RATED LOAD		
		REAR	SIDE	FRONT
10	80	60,900	60,900	60,900
12	78	55,300	55,300	55,300
14	76	50,700	50,700	50,700
15	75	47,900	47,900	47,900
18	71	39,600	39,600	39,600
20	69	34,500	33,500	35,400
25	64	24,900	21,600	27,700
30	58	18,700	15,500	22,500
35	52	14,100	11,700	18,100
40	45	11,100	9,200	14,900
45	38	8,900	7,400	11,300
50	28	7,300	6,000	8,800
55	14	6,000	4,900	7,000
56	0	5,600	4,500	6,500

Working radius is in feet. Loads are in pounds and boom angles are in degrees. Capacity limits will apply based on the load block selected.

WIRE ROPE CAPACITY								
Parts Line	1	2	3	4	5	6	7	8
Load Limit	11,280	22,560	33,840	45,120	56,400	67,680	78,960	90,240

Do not exceed parts of line ratings.

1. Load does not include blocks, slings, and all other equipment used to handle objects being lifted.
2. Load ratings are for zero degree list.
3. Loads must be freely suspended.
4. Rope: Rotation resistant, compacted strand, 9080 lb. capacity.
5. This chart is only a guide and should not be used to operate the crane. Individual crane's load chart, operating instructions, and other instructional plates must be read and understood prior to operating crane.