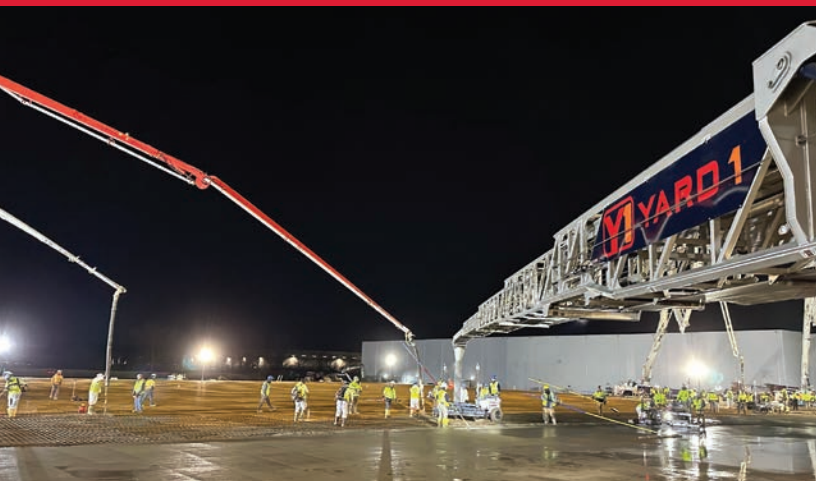


YARD 1

BOOM PUMP
SPECIFICATIONS

Contents

Concrete Pumps

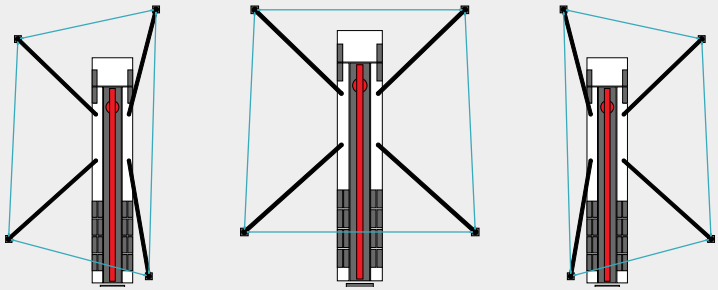
20M 2
31M 4
32M 6
38M 8
47M 10
52M 12
56M 14
58M 16
63M 18
65M 20
Trailer Pump 22
Track Spider 24
110 Conveyor 26
130 Conveyor 28

WE EMBRACE EVERY CHALLENGE

Short Rigging

Need to fit into a difficult job site? No problem, we've got your covered.

Three of our concrete pumps – the 47M, 58M, and 63M – have short rigging to meet your special needs while squeezing into a difficult job site.



FULL SUPPORT

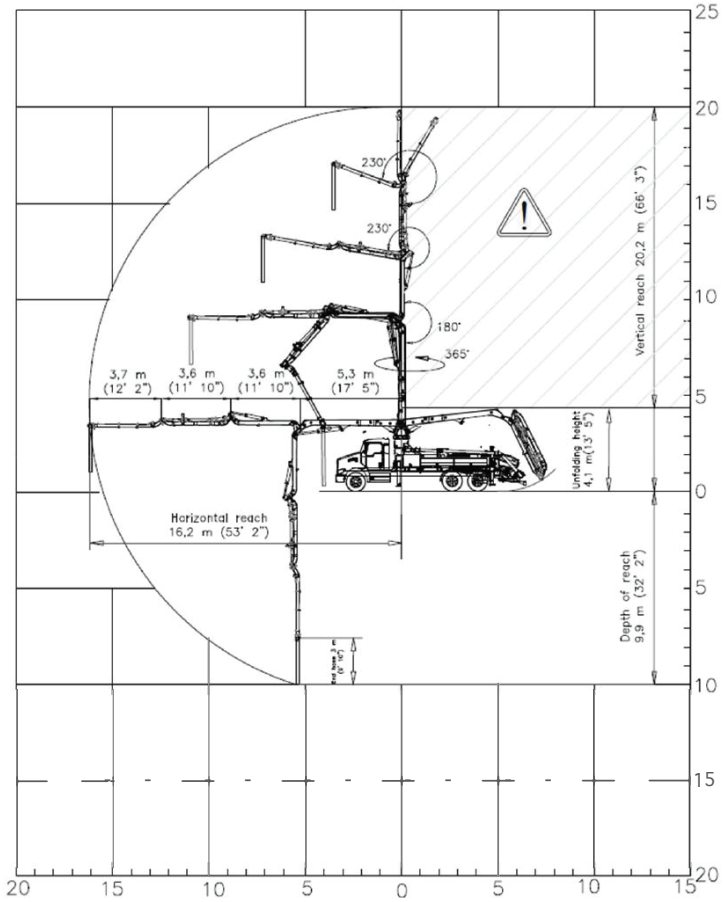
FRONT	38 ft 4 in 11,675 mm
REAR	42 ft 1 in 12,829 mm
LEFT & RIGHT	40 ft 7 in 12,358 mm

ONE SIDE SUPPORT – RIGHT or LEFT

FRONT	28 ft 8 in 8,728 mm
REAR	29 ft 5 in 8,965 mm
LEFT & RIGHT	54 ft 1 in 16,486 mm

All dimensions and weights are approximate.

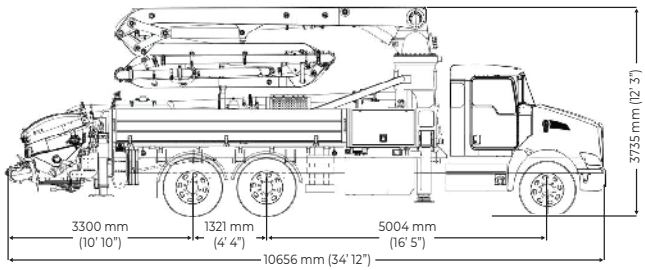
20M Pump

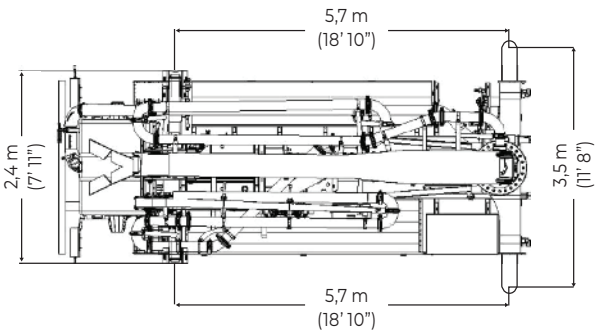


OUTRIGGER SPREADS & LOADS

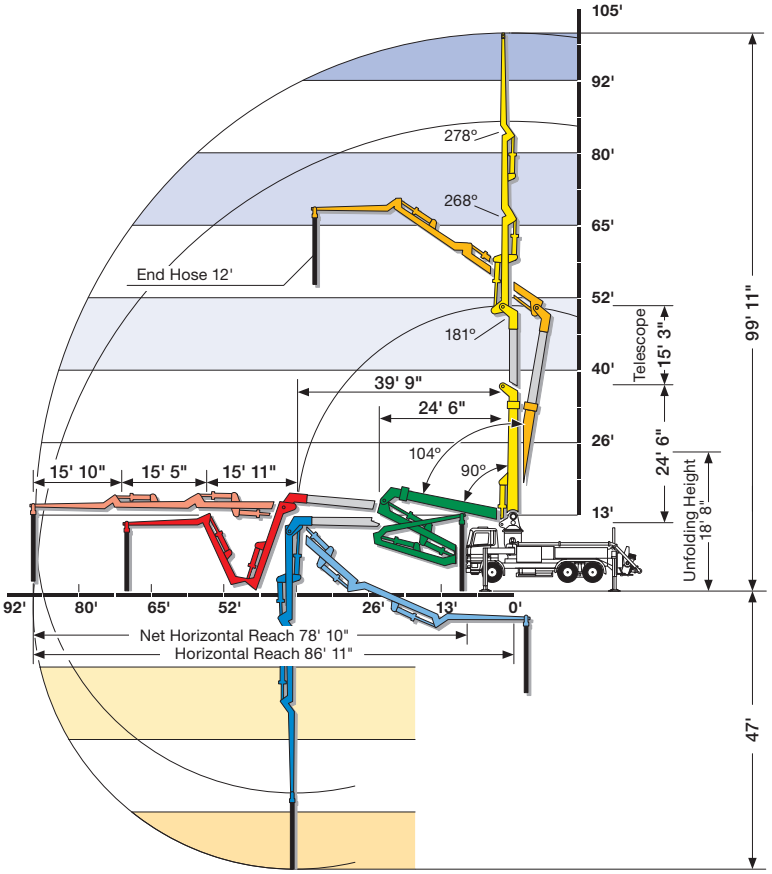
FRONT Outrigger Spread	11 ft 8 in
REAR Outrigger Spread	7 ft 11 in
FRONT TO REAR Outrigger Length	34 ft 12 in
MAX FRONT Outrigger Load	24,728 lbf 110KN
MAX REAR Outrigger Load	13,488 lbf 60KN

All dimensions and weights are approximate.





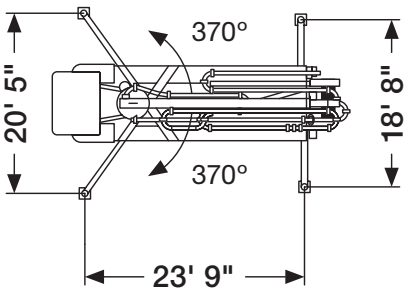
31M Pump



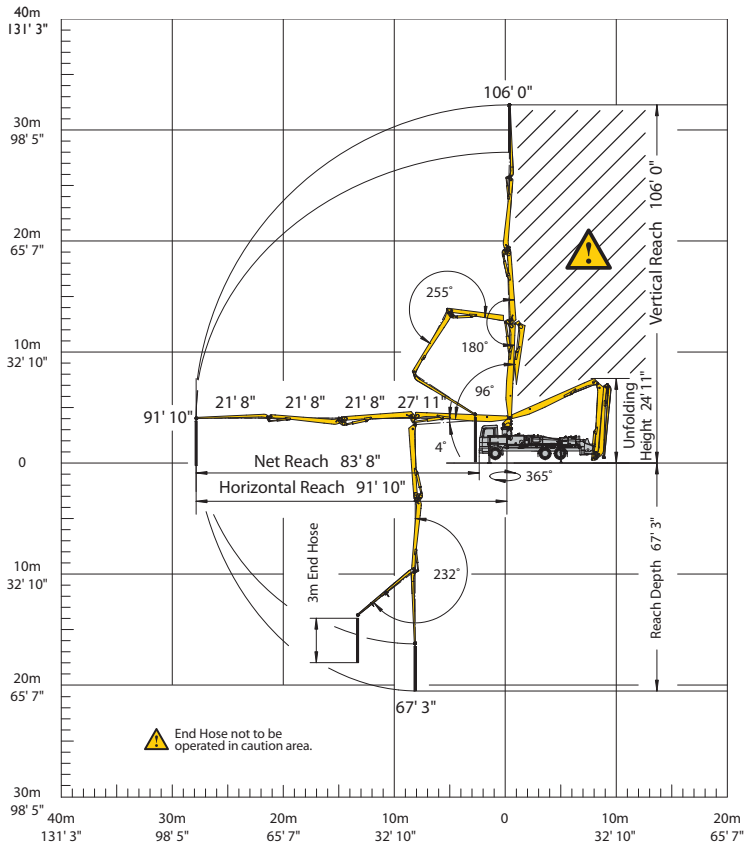
OUTRIGGER SPREADS & LOADS

FRONT Outrigger Spread	20 ft 5 in
REAR Outrigger Spread	18 ft 8 in
FRONT TO REAR Outrigger Length	23 ft 9 in
MAX FRONT Outrigger Load	44,962 lbf
MAX REAR Outrigger Load	35,970 lbf

All dimensions and weights are approximate.



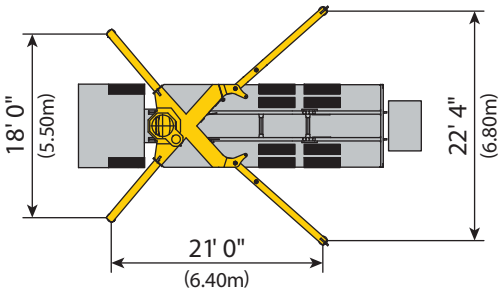
32Z Fold Pump



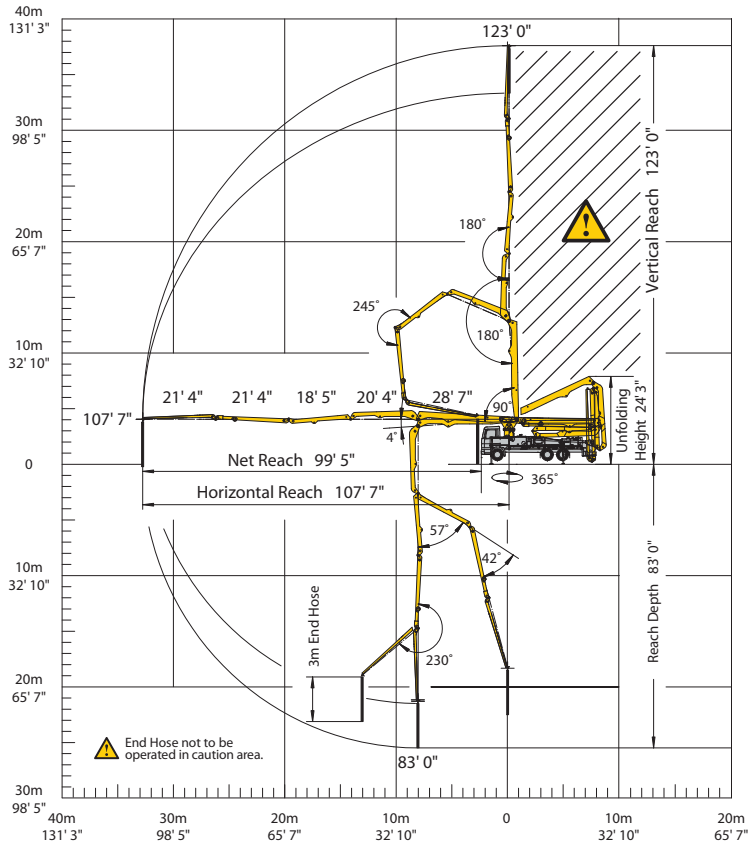
OUTRIGGER SPREADS & LOADS

FRONT Outrigger Spread	18 ft
REAR Outrigger Spread	22 ft 4 in
FRONT TO REAR Outrigger Length	21 ft
MAX FRONT Outrigger Load	31,473 lbf
MAX REAR Outrigger Load	35,845 lbf

All dimensions and weights are approximate.



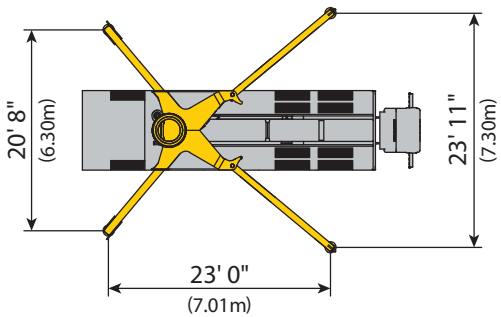
38Z-5 Pump



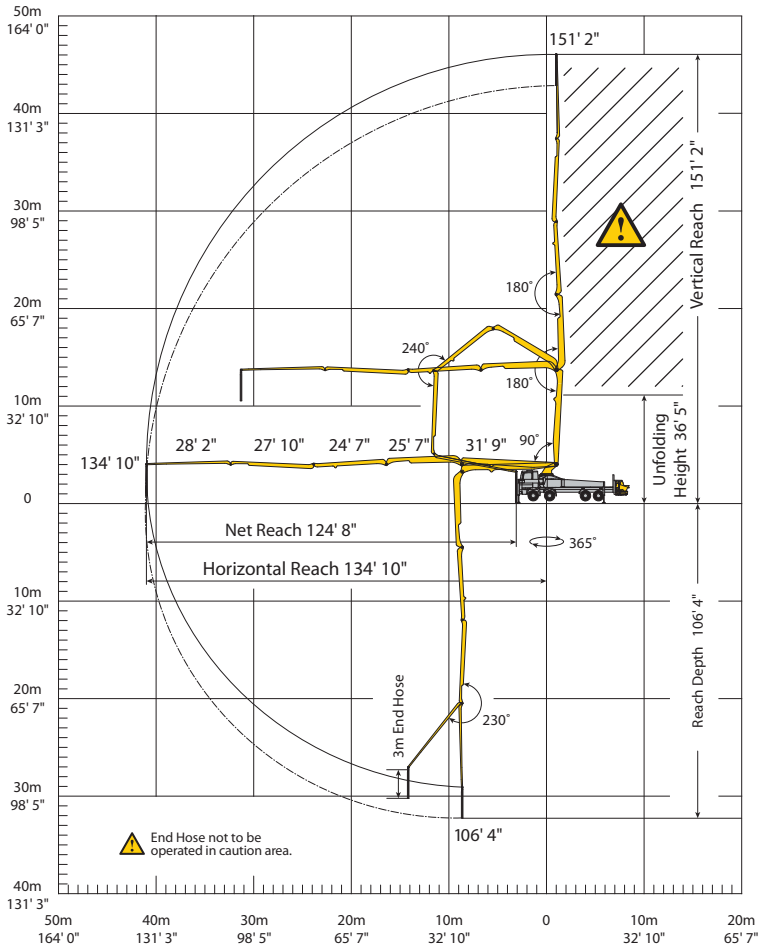
OUTRIGGER SPREADS & LOADS

FRONT Outrigger Spread	20 ft 8 in
REAR Outrigger Spread	23 ft 11 in
FRONT TO REAR Outrigger Length	23 ft
MAX FRONT Outrigger Load	47,210 lbf
MAX REAR Outrigger Load	47,210 lbf

All dimensions and weights are approximate.



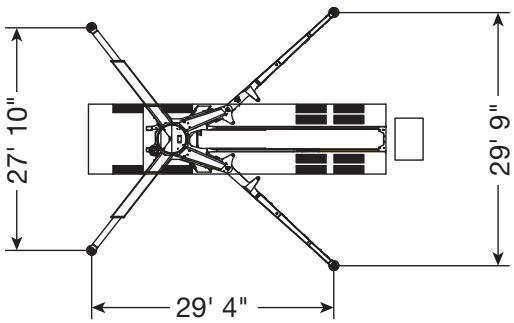
47Z-5 Fold Pump



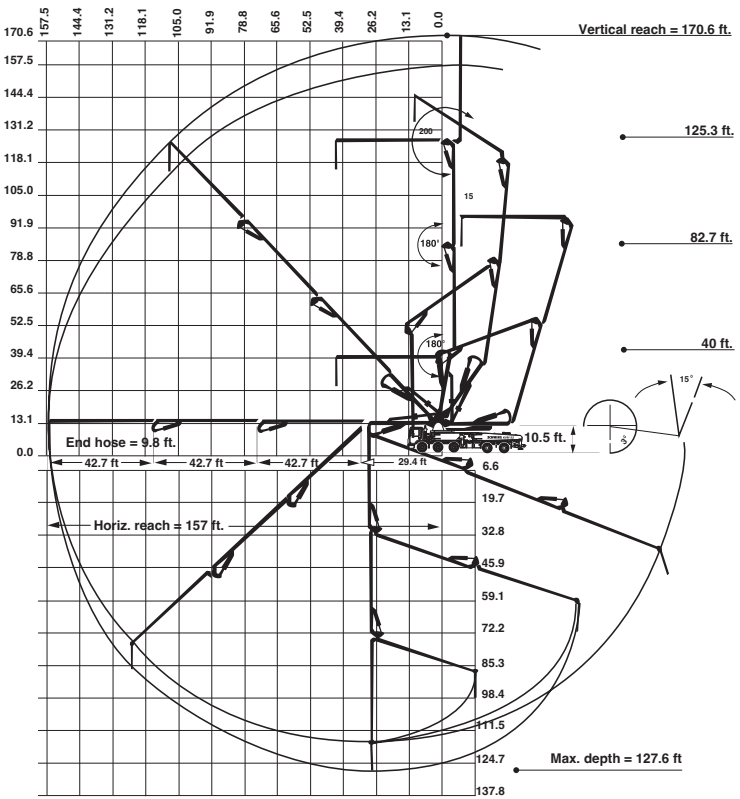
OUTRIGGER SPREADS & LOADS

FRONT Outrigger Spread	27 ft 10 in
REAR Outrigger Spread	29 ft 9 in
FRONT TO REAR Outrigger Length	29 ft 4 in
MAX FRONT Outrigger Load	60,698 lbf
MAX REAR Outrigger Load	59,574 lbf

All dimensions and weights are approximate.



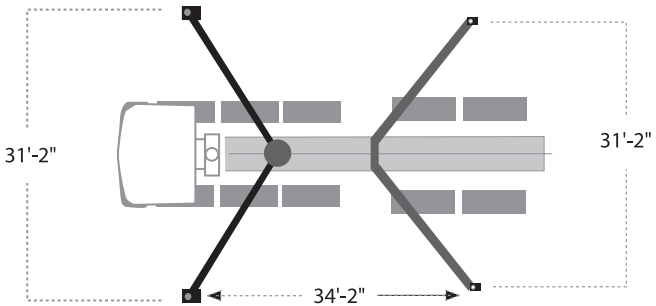
52M Pump



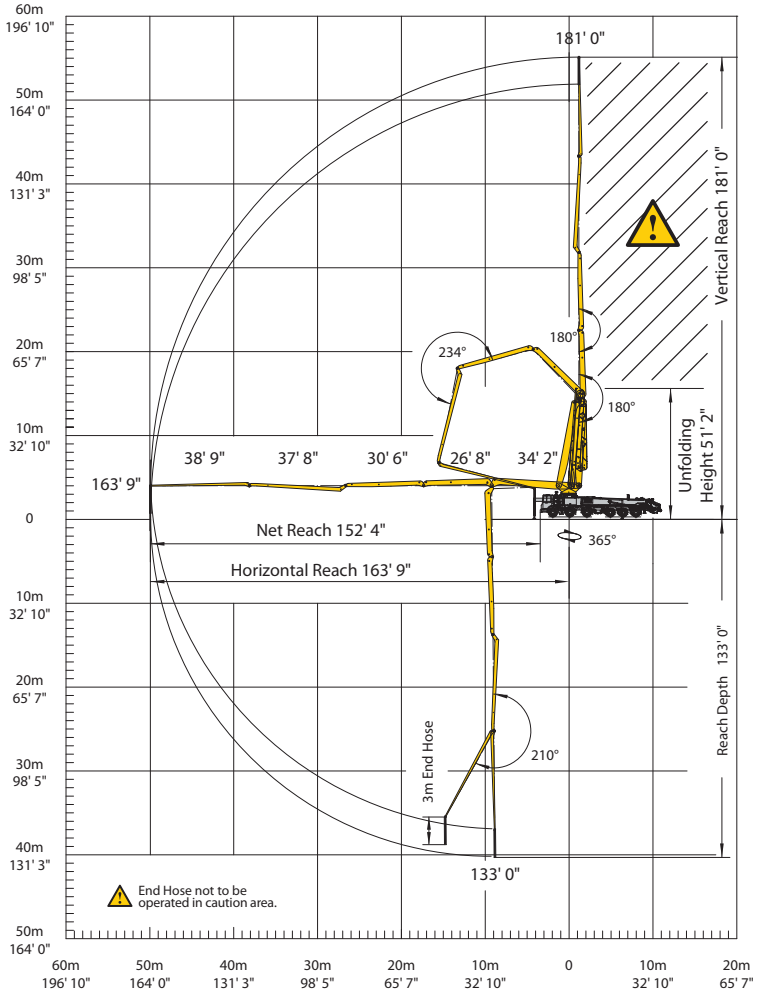
OUTRIGGER SPREADS & LOADS

FRONT Outrigger Spread	31 ft 2 in
REAR Outrigger Spread	31 ft 2 in
FRONT TO REAR Outrigger Length	34 ft 2 in
MAX FRONT Outrigger Load	60,000 lbf
MAX REAR Outrigger Load	60,000 lbf

All dimensions and weights are approximate.



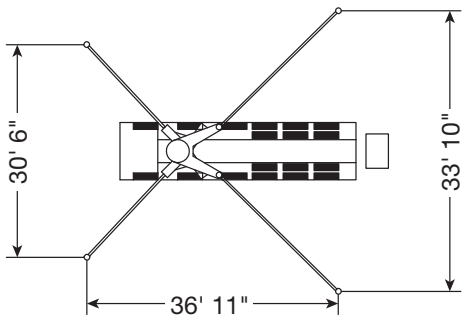
56Z-5 Fold Pump



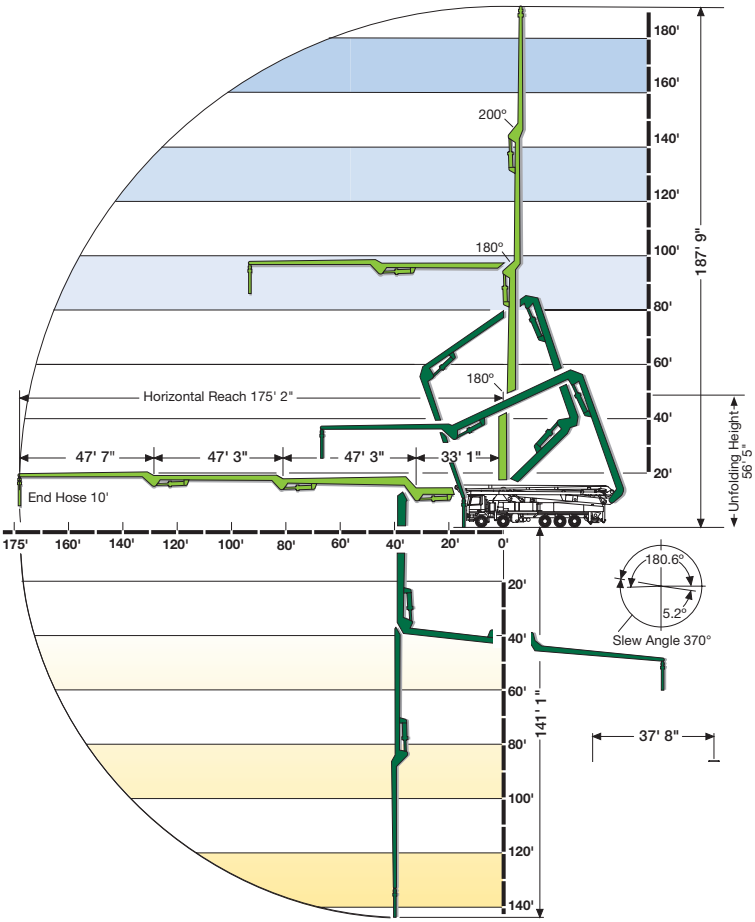
OUTRIGGER SPREADS & LOADS

FRONT Outrigger Spread	30 ft 6 in
REAR Outrigger Spread	33 ft 10 in
FRONT TO REAR Outrigger Length	36 ft 11 in
MAX FRONT Outrigger Load	69,691 lbf
MAX REAR Outrigger Load	62,947 lbf

All dimensions and weights are approximate.



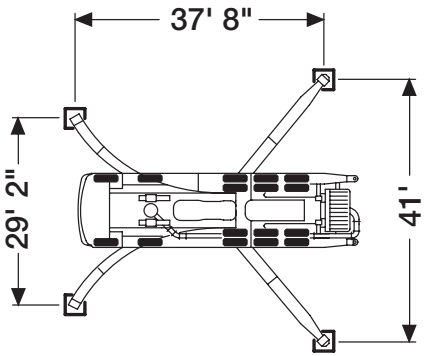
58M Pump



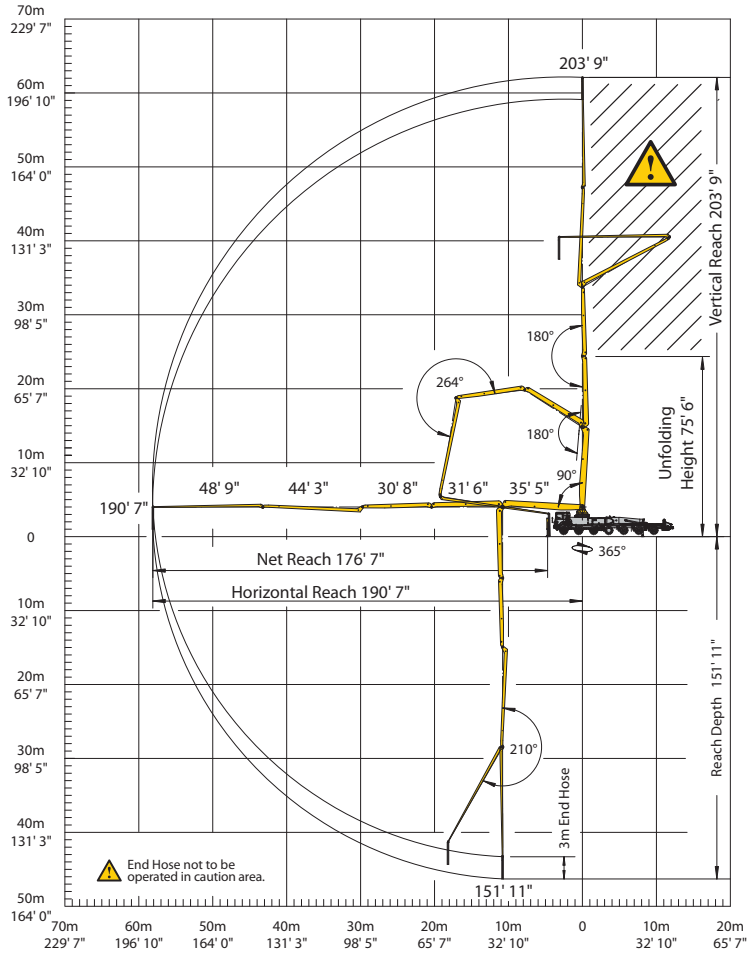
OUTRIGGER SPREADS & LOADS

FRONT Outrigger Spread	29 ft 2 in
REAR Outrigger Spread	41 ft
FRONT TO REAR Outrigger Length	37 ft 8 in
MAX FRONT Outrigger Load	83,179 lbf
MAX REAR Outrigger Load	80,931 lbf

All dimensions and weights are approximate.



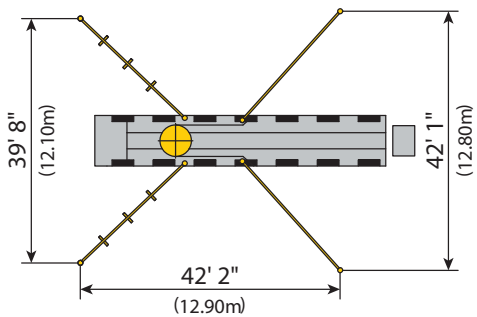
63Z-5 Fold Pump



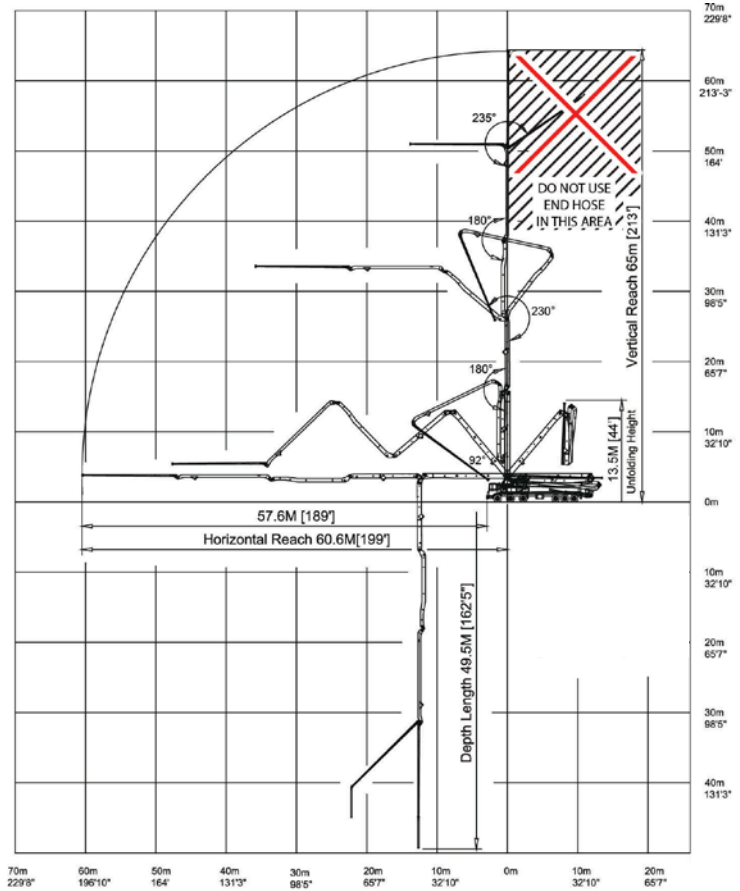
OUTRIGGER SPREADS & LOADS

FRONT Outrigger Spread	39 ft 8 in
REAR Outrigger Spread	42 ft 1 in
FRONT TO REAR Outrigger Length	42 ft 2 in
MAX FRONT Outrigger Load	97,792 lbf
MAX REAR Outrigger Load	95,554 lbf

All dimensions and weights are approximate.



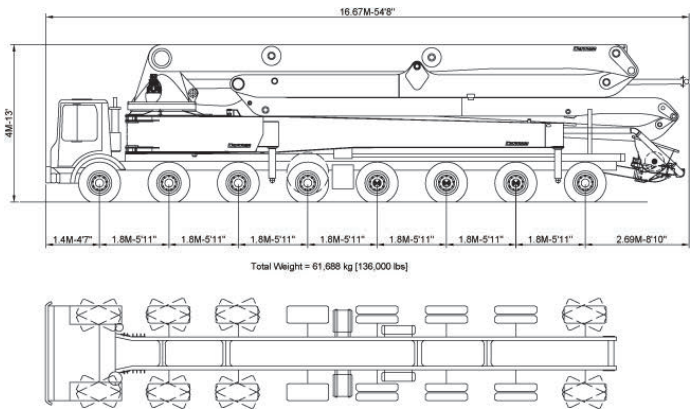
65Z-5 Pump



OUTRIGGER SPREADS & LOADS

FRONT Outrigger Spread	44 ft 10 in
REAR Outrigger Spread	47 ft 6 in
FRONT TO REAR Outrigger Length	54 ft 8 in
MAX WEIGHT Outrigger Load	119,049 lbf
MAX REAR Outrigger Load	119,049 lbf

All dimensions and weights are approximate.

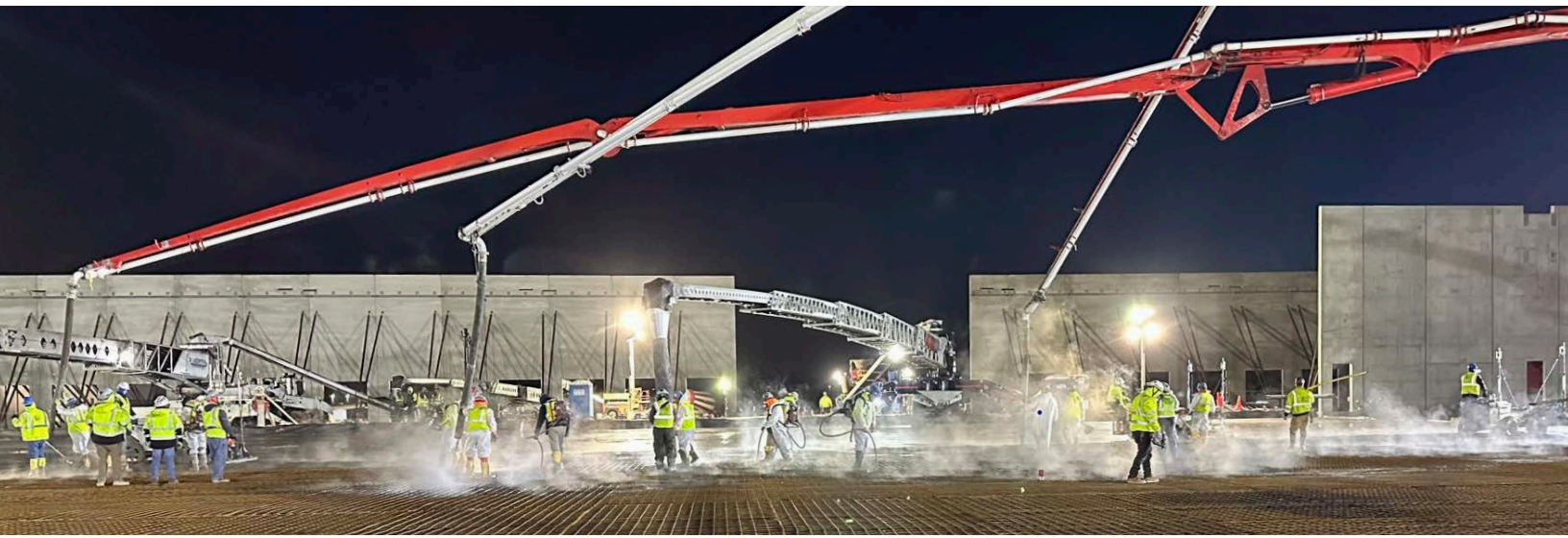


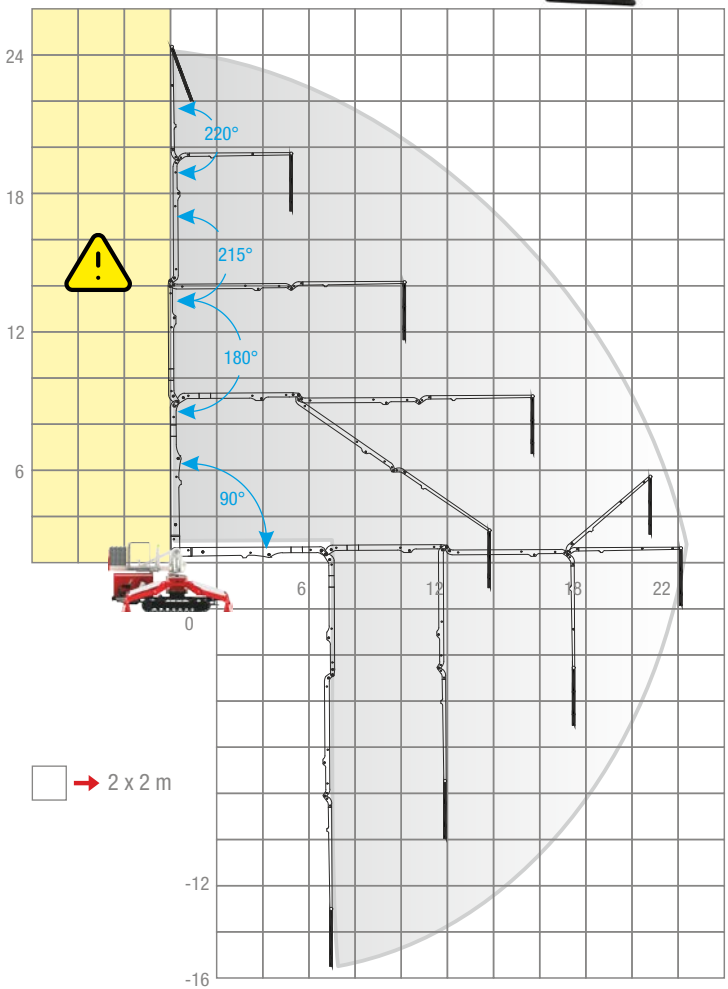
Trailer Pump

STAIONARY CONCRETE PUMP

MAX CONCRETE PRESSURE (BAR)	201
MAX OUTPUT VOLUME	81 m^3/hr
ENGINE KW D=Diesel, E=Electric	D 231, E 160, E 200
PUMPING CYLINDER DIAMETER	180 mm
PUMPING CYLINDER STROKE	2000 mm

All dimensions and weights are approximate.





OUTRIGGER SPREADS & LOADS

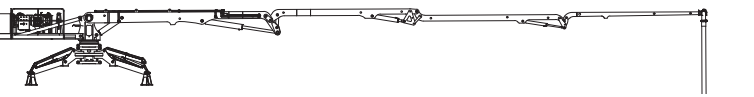
IN OPERATION

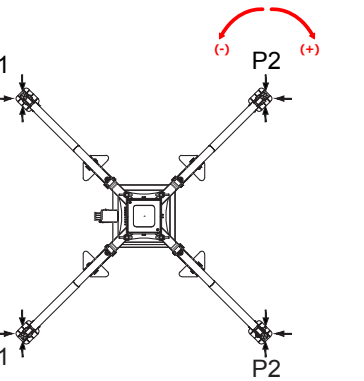
Outrigger Load Weight	23,567 lbs
Outrigger Load Front Leg	11,726.03 lbf
Outrigger Load Rear Leg	157.4 lbf
Outrigger Load Max	28,289.96 lbf

OUT OF OPERATION

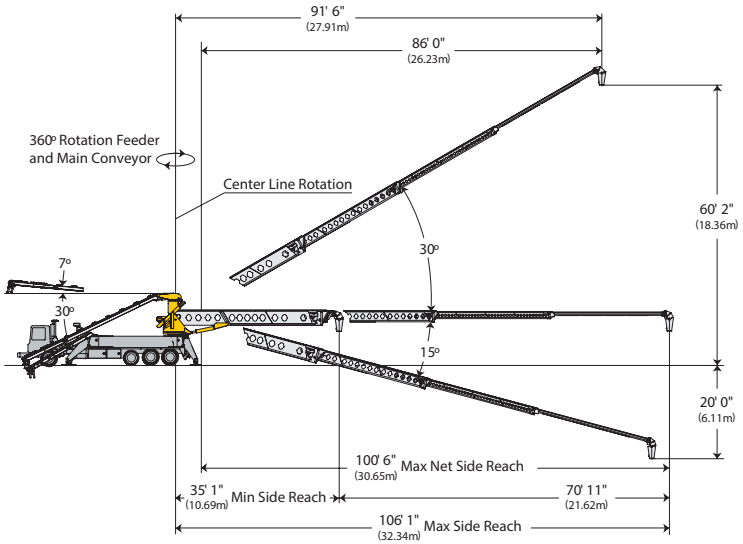
Outrigger Load Weight	21,164 lbs
Outrigger Load Front Leg	8,421.3 lbf
Outrigger Load Rear Leg	6,114.8 lbf
Outrigger Load Max	25,405.7 lbf

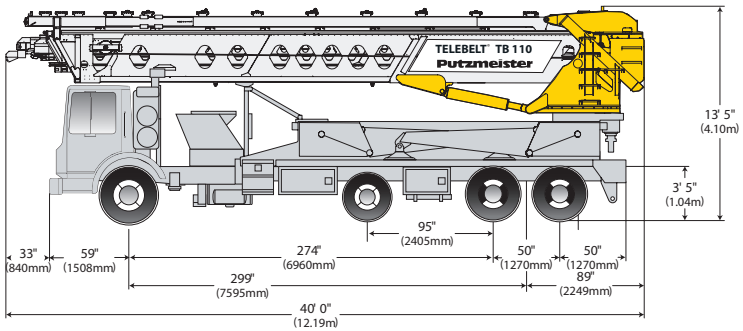
All dimensions and weights are approximate. The counterweight weight was taken as 8491 lbs during the calculation.





110 Conveyor

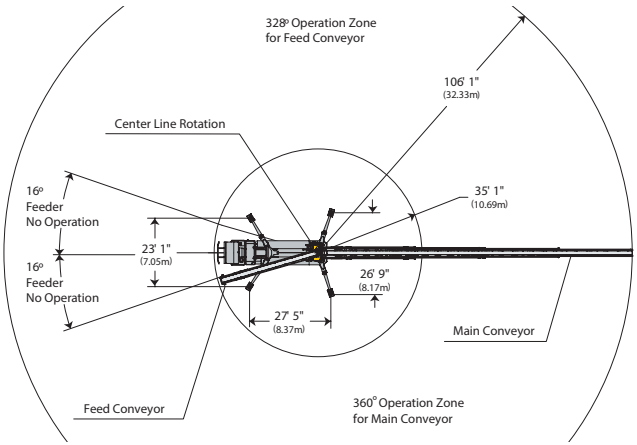




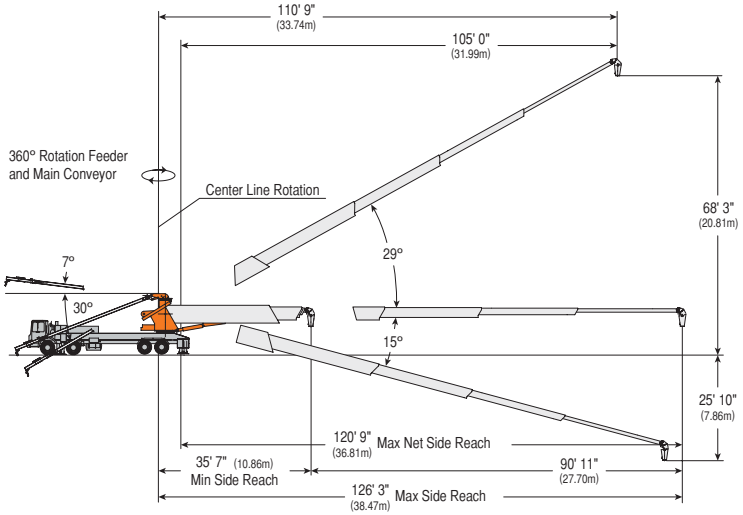
OUTRIGGER SPREADS & LOADS

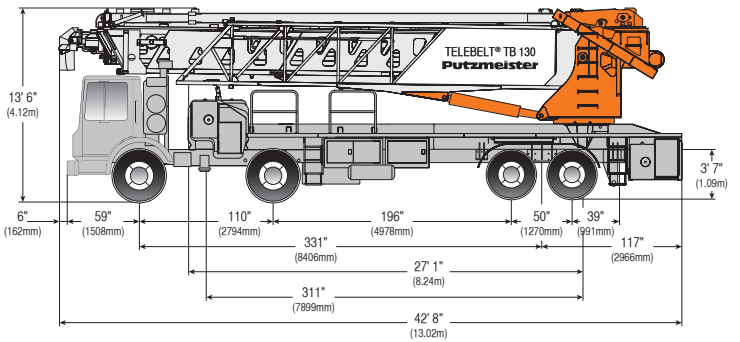
FRONT Outrigger Spread	23 ft 1 in
REAR Outrigger Spread	26 ft 9 in
FRONT TO REAR Outrigger Length	27 ft 5 in
MAX FRONT Outrigger Load	30,350 lbf
MAX REAR Outrigger Load	34,395 lbf

All dimensions and weights are approximate.



130 Conveyor

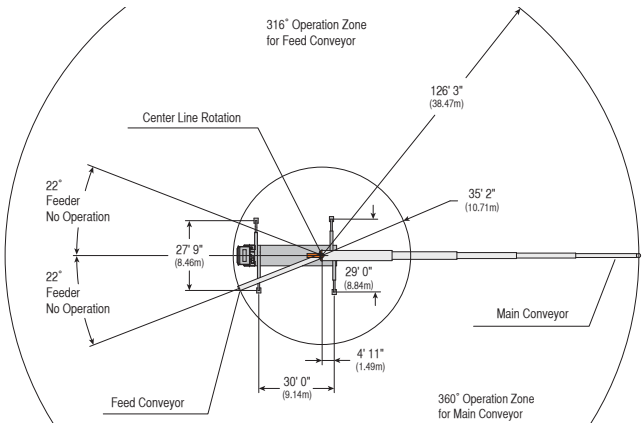




OUTRIGGER SPREADS & LOADS

FRONT Outrigger Spread	27 ft 9 in
REAR Outrigger Spread	29 ft
FRONT TO REAR Outrigger Length	30 ft
MAX FRONT Outrigger Load	37,320 lbf
MAX REAR Outrigger Load	45,190 lbf

All dimensions and weights are approximate.



YARD 1

CORPORATE OFFICE

104 Foster Avenue, Bensenville, IL 60106
Dispatch #: (888) 44 YARD 1
YARD1.COM

Locations:

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Joliet
Quad Cities
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Milwaukee
Madison