

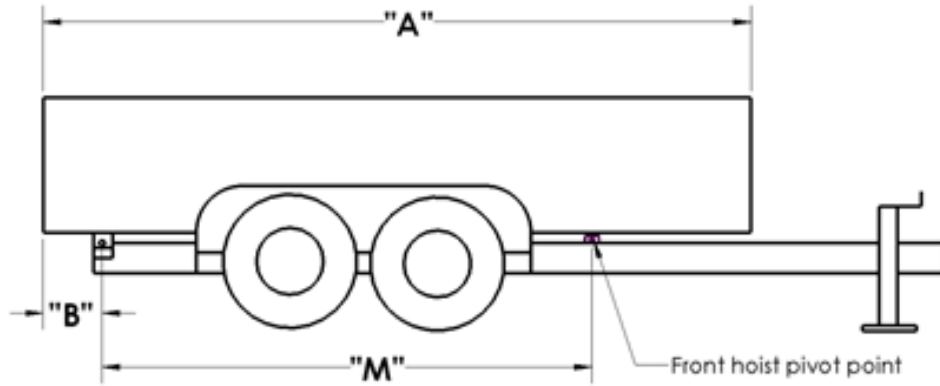
Premium Supply

Power Hoist Capacity Chart

IMPORTANT: Because of variations in application, the data contained in these tables is provided as a general guide only.

Capacities are based on the following:

1. Water level non-diminishing load.
2. The vertical height between the rear hinge pivot and the trailer floor is no less than 3 inches.
3. The hydraulic relief pressure is set at 3,200 psi.



PH310 Hoist Capacity (Tons)			
"A" Body (Feet)	"B" Overhang (Inches)	Dump Angle (Degrees)	
		"M" Dimension (Inches)	
		45° 52.0"	50° 47.0"
8	12	3.8	3.4
8	18	4.5	4.0
8	24	5.6	5.0
9	12	3.1	2.9
9	18	3.8	3.4
9	24	4.5	4.1
10	12	2.9	2.4
10	18	3.2	2.9
10	24	3.8	3.4

Premium Supply

Power Hoist Capacity Chart

PH416 Hoist Capacity (Tons)			
“A” Body (Feet)	“B” Overhang (Inches)	Dump Angle (Degrees) “M” Dimension (Inches)	
		45° 79.0”	50° 71.5”
10	12	8.7	7.8
10	18	9.9	9.0
10	24	11.4	10.3
12	12	6.9	6.3
12	18	7.7	7.0
12	24	8.7	7.8
14	12	5.6	5.0
14	18	6.1	5.5
14	24	6.7	6.1

PH516 Hoist Capacity (Tons)			
“A” Body (Feet)	“B” Overhang (Inches)	Dump Angle (Degrees) “M” Dimension (Inches)	
		45° 76.0”	50° 67.5”
10	12	9.6	6.7
10	18	11.0	9.9
10	24	12.8	11.6
12	12	7.6	6.9
12	18	8.5	7.7
12	24	9.6	8.7
14	12	6.4	5.8
14	18	6.9	6.3
14	24	7.6	6.9

Premium Supply

Power Hoist Capacity Chart

PH520 Hoist Capacity (Tons)			
"A" Body (Feet)	"B" Overhang (Inches)	Dump Angle (Degrees) "M" Dimension (Inches)	
		45° 96.75"	50° 87.75"
12	12	9.9	9.0
12	18	11.2	10.1
12	24	12.5	11.3
14	12	8.3	7.5
14	18	9.0	8.1
14	24	9.7	8.7
16	12	7.1	6.4
16	18	7.7	6.9
16	24	8.0	7.3

PH616-5 Hoist Capacity with 5 Inch Cylinder (Tons)			
"A" Body (Feet)	"B" Overhang (Inches)	Dump Angle (Degrees) "M" Dimension (Inches)	
		45° 74.0"	50° 67.0"
12	12	8.5	7.7
12	18	9.5	8.6
12	24	10.7	9.6
14	12	7.1	6.5
14	18	7.8	7.0
14	24	8.6	7.7
16	12	6.1	5.5
16	18	6.6	6.0
16	24	7.1	6.5

Premium Supply

Power Hoist Capacity Chart

PH616-6 Hoist Capacity with 6 Inch Cylinder (Tons)			
“A” Body (Feet)	“B” Overhang (Inches)	Dump Angle (Degrees) “M” Dimension (Inches)	
		45° 74.0”	50° 67.0”
12	12	12.3	11.1
12	18	13.7	12.4
12	24	15.4	13.9
14	12	10.2	9.3
14	18	11.2	10.1
14	24	12.3	11.1
16	12	8.8	8.0
16	18	9.5	8.5
16	24	10.2	9.3

PH620 Hoist Capacity (Tons)			
“A” Body (Feet)	“B” Overhang (Inches)	Dump Angle (Degrees) “M” Dimension (Inches)	
		45° 90.25”	50° 81.75”
14	12	11.0	10.0
14	18	12.0	10.9
14	24	13.3	12.0
16	12	9.5	8.6
16	18	10.2	9.2
16	24	11.0	10.0
18	12	8.1	7.3
18	18	8.8	8.0
18	24	9.5	8.6

Premium Supply

Power Hoist Capacity Chart

PH621-5 Hoist Capacity with 5 Inch Cylinder (Tons)			
“A” Body (Feet)	“B” Overhang (Inches)	Dump Angle (Degrees) “M” Dimension (Inches)	
		45° 95.0”	50° 86.0”
		8.1	7.3
16	12	8.1	7.3
16	18	8.7	7.9
16	24	9.4	8.5
18	12	7.1	6.4
18	18	7.5	6.8
18	24	8.1	7.3
20	12	6.3	5.7
20	18	6.7	6.0
20	24	7.1	6.4

PH621-6 Hoist Capacity with 6 Inch Cylinder (Tons)			
“A” Body (Feet)	“B” Overhang (Inches)	Dump Angle (Degrees) “M” Dimension (Inches)	
		45° 95.0”	50° 86.0”
		11.6	10.5
16	12	11.6	10.5
16	18	12.5	11.3
16	24	13.6	12.3
18	12	10.2	9.2
18	18	10.9	9.8
18	24	11.6	10.5
20	12	9.0	8.2
20	18	9.6	8.7
20	24	10.2	9.2

Premium Supply

Power Hoist Capacity Chart

PH625 Hoist Capacity (Tons)			
"A" Body (Feet)	"B" Overhang (Inches)	Dump Angle (Degrees) "M" Dimension (Inches)	
		45° 104.0"	50° 95.0"
		11.8	10.7
16	12	12.7	11.6
16	18	13.7	12.5
16	24	10.1	9.2
18	12	11.0	10.7
18	18	11.8	11.9
18	24	9.0	8.2
20	12	9.7	8.8
20	18	10.3	9.4
20	24		

PH630 Hoist Capacity (Tons)			
"A" Body (Feet)	"B" Overhang (Inches)	Dump Angle (Degrees) "M" Dimension (Inches)	
		45° 132.0"	50° 121.0"
		12.4	11.4
18	12	13.2	12.1
18	18	14.2	13.0
18	24	11.0	10.0
20	12	11.7	10.7
20	18	12.4	11.4
20	24	9.9	9.1
22	12	10.4	9.6
22	18	11.0	10.1
22	24	9.0	8.3
24	12	9.5	8.7
24	18	9.9	9.1
24	24		