

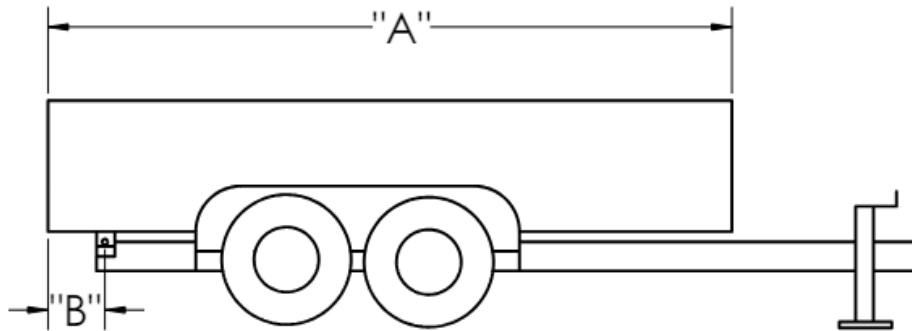
BOSTAIL

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)	
		45°	50°
8	12	3.7	3.3
8	18	4.4	4.0
8	24	5.5	4.9
9	12	3.2	2.8
9	18	3.7	3.3
9	24	4.4	4.0
10	12	2.8	2.5
10	18	3.2	2.8
10	24	3.7	3.3

PH416 Hoist Capacity (Tons)			
“A” Body (Feet)	“B” Overhang (Inches)	Dump Angle (Degrees)	
		45°	50°
		9.3	8.4
10	12	10.6	9.6
10	18	12.4	11.2
10	24	7.4	6.7
12	12	8.3	7.5
12	18	9.3	8.4
12	24	6.2	5.6
14	12	6.8	6.1
14	18	7.4	6.7
14	24		

PH516 Hoist Capacity (Tons)			
“A” Body (Feet)	“B” Overhang (Inches)	Dump Angle (Degrees)	
		45°	50°
		9.7	8.8
10	12	11.1	10.0
10	18	12.9	11.7
10	24	7.7	7.0
12	12	8.6	7.8
12	18	9.7	8.8
12	24	6.5	5.8
14	12	7.0	6.4
14	18	7.8	7.0
14	24		

PH520 Hoist Capacity (Tons)			
“A” Body (Feet)	“B” Overhang (Inches)	Dump Angle (Degrees)	
		45°	50°
		10.3	9.3
12	12	11.4	10.4
12	18	12.9	11.7
12	24	8.6	7.8
14	12	9.3	8.5
14	18	10.3	9.3
14	24	7.3	6.7
16	12	7.9	7.2
16	18	8.6	7.8
16	24		

PH616-5 Hoist Capacity (Tons)			
“A” Body (Feet)	“B” Overhang (Inches)	Dump Angle (Degrees)	
		45°	50°
		8.7	7.8
12	12	9.7	8.7
12	18	10.9	9.8
12	24	7.2	6.5
14	12	7.9	7.1
14	18	8.7	7.8
14	24	6.2	5.6
16	12	6.7	6.0
16	18	7.2	6.5
16	24		

PH616-6 Hoist Capacity (Tons)			
“A” Body (Feet)	“B” Overhang (Inches)	Dump Angle (Degrees)	
		45°	50°
		12.6	11.3
12	12	14.0	12.6
12	18	15.7	14.1
12	24	10.5	9.4
14	12	11.4	10.3
14	18	12.6	11.3
14	24	9.0	8.1
16	12	9.6	8.7
16	18	9.8	9.4
16	24		

PH621-5 Hoist Capacity (Tons)			
“A” Body (Feet)	“B” Overhang (Inches)	Dump Angle (Degrees)	
		45°	50°
		8.3	7.5
16	12	8.9	8
16	18	9.6	8.7
16	24	7.2	6.5
18	12	7.7	7.0
18	18	8.3	7.5
18	24	6.4	5.8
20	12	6.8	6.1
20	18	7.2	6.5
20	24		

PH621-6 Hoist Capacity (Tons)			
“A” Body (Feet)	“B” Overhang (Inches)	Dump Angle (Degrees)	
		45°	50°
16	12	11.9	10.7
16	18	12.8	11.6
16	24	13.9	12.5
18	12	10.4	9.4
18	18	11.1	10.0
18	24	11.9	10.7
20	12	9.2	8.3
20	18	9.8	8.8
20	24	10.4	9.4

PH625 Hoist Capacity (Tons)			
“A” Body (Feet)	“B” Overhang (Inches)	Dump Angle (Degrees)	
		45°	50°
16	12	11.3	10.2
16	18	12.1	11.0
16	24	13.2	11.9
18	12	9.9	8.9
18	18	10.5	9.5
18	24	11.3	10.2
20	12	8.8	7.9
20	18	9.3	8.4
20	24	9.9	8.9

PH625 Hoist Capacity (Tons)			
“A” Body (Feet)	“B” Overhang (Inches)	Dump Angle (Degrees)	
		45°	50°
18	12	13.5	12.2
18	18	14.4	13.1
18	24	15.4	14.0
20	12	12.5	10.9
20	18	12.7	11.5
20	24	13.5	12.2
24	12	9.8	8.9
24	18	10.3	9.3
24	24	10.8	9.8