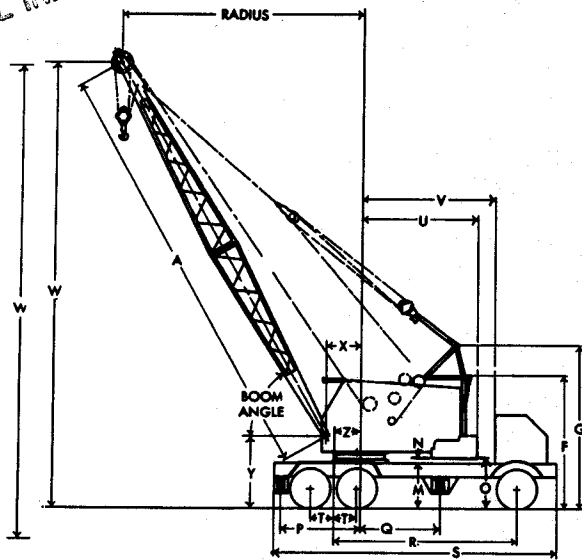


**LINK-BELT
SPEEDER**

GENERAL INFORMATION ONLY



*The following lifting capacities are to be used with the optional 4 axle carrier also.

Clearances-Specifications-

Working Ranges HC-108 Zephyrcrane

RECOMMENDED FOR LIFTING CRANE SERVICE ONLY ONLY

SUPERSEDES FLYSHEET CRF 5008-7-56A

* Indicates Revisions or Additions to Flysheet Dated 7-56.

(CAPACITIES WITH LOW GANTRY①)

GENERAL DIMENSIONS

Basic Boom Length	A	40'
Over-all Height, Retractable Gantry Lowered	F	12' 10"
Over-all Height, Retractable Gantry Raised	G	15' 9"
Over-all Height, Low Gantry		12' 8"
Over-all Height, Top of Ring Gear Plate	M	4' 8"
Clearance Between Truck and Counterweight "A"	N	3"
Ground Clearance under Counterweight "A"	O	4' 11"
Center Line Rotation to Rear Outrigger Center	P	9' 0"
Center Line Rotation to Front Outrigger Center	Q	9' 0"
Truck Wheelbase	R	18' 4"
Over-all Length of Truck	S	28' 3"
Center Rear Axles to Center Rear Wheels	T	2' 6"
Tailswing (Counterweight "A")	U	10' 10"
Center Line Rotation to Back of Truck Cab	V	12' 10"
Radius of Boom Hinge Pin	X	3' 2"
Height of Boom Hinge Pin	Y	7' 0"
Center Line Rotation to Center Rear Axles	Z	3' 6"
Over-all Width over Tires		10' 3"
Over-all Width with Outriggers Extended		14' 6"

LIFTING CAPACITIES WITH COUNTERWEIGHT "A" AND LOW GANTRY①

R	40' BOOM					45' BOOM					R
	B	W	With Outriggers Side or Rear	Without Outriggers		B	W	With Outriggers Side or Rear	Without Outriggers		
				Side	Rear				Side	Rear	
10	80°	46' 5"	70,000	48,000	60,000						10
12	77°	46' 0"	60,000	39,500	50,000	79°	51' 2"	59,800	39,300	49,800	12
15	73°	45' 2"	50,000	29,200	41,700	75°	50' 5"	49,800	29,000	41,500	15
20	65°	43' 4"	35,400	20,000	28,400	68°	48' 9"	35,200	19,800	28,200	20
25	57°	40' 7"	27,800	15,000	21,400	61°	46' 5"	27,600	14,800	21,200	25
30	48°	36' 8"	23,000	11,900	17,000	53°	43' 2"	22,800	11,700	16,800	30
35	37°	31' 4"	18,000	9,700	14,000	45°	38' 9"	17,800	9,500	13,800	35
40	23°	22' 8"	13,200	8,100	11,800	35°	32' 11"	13,000	7,900	11,600	40
45						21°	23' 6"	10,700	6,700	9,900	45

R	50' BOOM					60' BOOM					R
	B	W	With Outriggers Side or Rear	Without Outriggers		B	W	With Outriggers Side or Rear	Without Outriggers		
				Side	Rear				Side	Rear	
12	80°	56' 3"	59,700	39,200	49,700						12
15	76°	55' 7"	49,700	28,900	41,400	79°	65' 10"	49,400	28,600	41,100	15
20	70°	54' 1"	35,100	19,700	28,100	74°	64' 7"	34,800	19,400	27,800	20
25	64°	52' 0"	27,500	14,700	21,100	69°	62' 11"	27,200	14,400	20,800	25
30	57°	49' 3"	22,700	11,600	16,700	63°	60' 8"	22,400	11,300	16,400	30
35	50°	45' 7"	17,700	9,400	13,700	58°	57' 10"	17,400	9,100	13,400	35
40	43°	40' 10"	12,900	7,800	11,500	52°	54' 5"	12,600	7,500	11,200	40
45	33°	34' 6"	10,600	6,600	9,800	46°	50' 0"	10,300	6,300	9,500	45
50	21°	24' 7"	9,100	5,700	8,500	39°	44' 8"	8,800	5,400	8,200	50
60						19°	26' 3"	6,600	4,000	6,300	60

R—Radius in feet.

B—Boom angle in degrees.

W—Ground to centerline boom head shaft.

Lifting capacities shown are not more than 85% of minimum tipping loads with the machine standing on firm level ground. Allowances must be made on the above lifting capacities if the rear outrigger box is removed.

①The low gantry is available at a reduction in price for booms up to and including 60 feet.

BRIEF SPECIFICATIONS

STANDARD CARRIER

* Heavy-duty all-welded frame, 14:00x20, 18-ply tires. Dual tires on tandem axle; single tires on front axle. 6x4 drive and 6-wheel air brakes. 12 speeds forward; 3 speeds reverse. Road speeds up to 24 m.p.h. Standard Waukesha 145GKB engine stripped develops 240 maximum brake horsepower at 2400 r.p.m. Turning radius 45'0".

* Optional Carrier—Heavy-duty all-welded frame, 4 axle, 8x4 drive, twelve 14:00x20, 18-ply tires, 8 wheel brakes, Waukesha 145GKB engine.

CRF5008-1-58B

LIFTING CRANE

Approximate working weight with 40' boom, high gantry, counterweight "A", no hook block—Standard Carrier -----83,700 lbs.
-----Optional 4-axle Carrier -----86,100 lbs.

Front or rear drum single line pulls and speeds:
13 1/4" lagging (standard)—21,200 lbs. @ -----139 f.p.m.
15 1/4" lagging (optional)—18,500 lbs. @ -----159 f.p.m.
Swing speed -----3.9 r.p.m.

PRINTED IN U.S.A.

Courtesy of CraneMarket

Lifting Capacities HC-108 Zephyrcrane

RECOMMENDED FOR LIFTING CRANE SERVICE ONLY

(CAPACITIES WITH RETRACTABLE HIGH GANTRY)

LIFTING CAPACITIES WITH COUNTERWEIGHT "A" AND RETRACTABLE HIGH GANTRY ①															
R	40' BOOM					45' BOOM					50' BOOM				
	B	W	With Outriggers Side or Rear	Without Outriggers		B	W	With Outriggers Side or Rear	Without Outriggers		B	W	With Outriggers Side or Rear	Without Outriggers	
				Side	Rear				Side	Rear				Side	Rear
10	80°	46' 5"	70,000	48,500	60,000										
12	77°	46' 0"	60,000	40,500	50,000	79°	51' 2"	59,800	40,300	49,800	80°	56' 3"	59,700	40,200	49,700
15	73°	45' 2"	52,000	29,900	42,400	75°	50' 5"	51,800	29,700	42,200	76°	55' 7"	51,700	29,600	42,100
20	65°	43' 4"	35,400	20,600	29,000	68°	48' 9"	35,200	20,400	28,800	70°	54' 1"	35,100	20,300	28,700
25	57°	40' 7"	27,800	15,500	21,800	61°	46' 5"	27,600	15,300	21,600	64°	52' 0"	27,500	15,200	21,500
30	48°	36' 8"	23,300	12,300	17,400	53°	43' 2"	23,100	12,100	17,200	57°	49' 3"	23,000	12,000	17,100
35	37°	31' 4"	20,400	10,100	14,300	45°	38' 9"	20,200	9,900	14,100	50°	45' 7"	20,100	9,800	14,000
40	23°	22' 8"	18,300	8,500	12,200	35°	32' 11"	18,100	8,300	12,000	43°	40' 10"	18,000	8,200	11,900
45						21°	23' 6"	15,700	7,100	10,200	33°	34' 6"	15,600	6,900	10,100
50											21°	24' 7"	13,500	6,000	8,800
50															

R	55' BOOM					60' BOOM					70' BOOM				
	B	W	With Outriggers Side or Rear	Without Outriggers		B	W	With Outriggers Side or Rear	Without Outriggers		B	W	With Outriggers Side or Rear	Without Outriggers	
				Side	Rear				Side	Rear				Side	Rear
12	81°	61' 4"	59,500	40,000	49,500	79°	65' 10"	51,400	29,300	41,800	80°	76' 0"	51,100	29,000	41,500
15	78°	60' 10"	51,500	29,400	41,900	74°	64' 7"	34,800	20,000	28,400	76°	75' 0"	34,500	19,700	28,100
20	72°	59' 4"	34,900	20,100	28,500	74°	64' 7"	34,800	20,000	28,400	76°	75' 0"	34,500	19,700	28,100
25	67°	57' 6"	27,300	15,000	21,300	69°	62' 11"	27,200	14,900	21,200	72°	73' 6"	26,900	14,600	20,900
30	61°	55' 0"	22,800	11,800	16,900	63°	60' 8"	22,700	11,700	16,800	67°	71' 7"	22,400	11,400	16,500
35	55°	51' 11"	19,900	9,600	13,800	58°	57' 10"	19,800	9,500	13,700	63°	69' 4"	19,500	9,200	13,400
40	48°	47' 10"	17,800	8,000	11,700	52°	54' 5"	17,700	7,900	11,600	58°	66' 6"	17,400	7,600	11,300
45	40°	42' 9"	15,400	6,800	9,900	46°	50' 0"	15,300	6,700	9,800	53°	63' 1"	15,000	6,400	9,500
50	31°	35' 10"	13,300	5,800	8,600	39°	44' 8"	13,200	5,700	8,500	48°	59' 0"	12,900	5,400	8,200
55	20°	25' 6"	11,800	5,000	7,500	30°	37' 4"	11,700	4,900	7,400	42°	54' 0"	11,400	4,600	7,100
60						19°	26' 3"	10,300	4,300	6,500	36°	47' 9"	10,000	4,000	6,200
70											17°	27' 8"	8,000	3,000	4,900

R	80' BOOM					90' BOOM					100' BOOM				
	B	W	With Outriggers Side or Rear	Without Outriggers		B	W	With Outriggers Side or Rear	Without Outriggers		B	W	With Outriggers Side or Rear	Without Outriggers	
				Side	Rear				Side	Rear				Side	Rear
20	78°	85' 3"	34,200	19,400	27,800	79°	95' 5"	33,900	19,100	27,500	80°	105' 7"	33,600	18,800	27,200
25	74°	84' 0"	26,600	14,300	20,600	76°	94' 4"	26,300	14,000	20,300	77°	104' 7"	26,000	13,700	20,000
30	70°	82' 4"	22,100	11,100	16,200	73°	92' 11"	21,800	10,800	15,900	74°	103' 4"	21,500	10,500	15,600
35	67°	80' 6"	19,200	8,900	13,100	69°	91' 2"	18,900	8,600	12,800	71°	101' 10"	18,600	8,300	12,500
40	63°	78' 0"	17,100	7,300	11,000	66°	89' 1"	16,800	7,000	10,700	68°	100' 0"	16,500	6,700	10,400
45	58°	75' 3"	14,700	6,100	9,200	62°	86' 8"	14,400	5,800	8,900	65°	97' 10"	14,100	5,500	8,600
50	54°	71' 11"	12,600	5,100	7,900	59°	83' 10"	12,300	4,800	7,600	62°	95' 4"	12,000	4,500	7,300
55	50°	68' 0"	11,100	4,300	6,800	55°	80' 7"	10,800	4,000	6,500	59°	92' 6"	10,500	3,700	6,200
60	45°	63' 4"	9,700	3,700	5,900	51°	76' 9"	9,400	3,400	5,600	55°	89' 3"	9,100	3,100	5,300
70	33°	51' 0"	7,700	2,700	4,600	42°	67' 3"	7,400	2,400	4,300	48°	81' 5"	7,100	2,100	4,000
80	16°	29' 5"	6,200	1,900	3,600	31°	53' 10"	5,900	1,600	3,300	40°	71' 0"	5,600	1,300	3,000
90						15°	30' 8"	4,800	1,100	2,600	30°	56' 7"	4,500	800	2,300
100											14°	32' 0"	3,600	300	1,700

R—Radius in feet.

B—Boom angle in degrees.

W—Ground to centerline boom head shaft.

* Lifting capacities shown are not more than 85% of minimum tipping loads with the machine standing on firm level ground. Allowances must be made on the above lifting capacities if the rear outrigger box is removed.

† The low gantry is available at a reduction in price for booms up to and including 60 feet.

WE ARE CONSTANTLY IMPROVING OUR PRODUCTS AND THEREFORE RESERVE
THE RIGHT TO CHANGE DESIGNS AND SPECIFICATIONS

For Certified Dimensions, Consult Factory

LINK-BELT SPEEDER CORPORATION — CEDAR RAPIDS, IOWA