



Toolbox Options Two-man Insulated Bucket Outrigger Guardrail Extension

	H110R	H110F	E120	H135	H153
<b>PERFORMANCE</b>					
Working Height	110'	115'	120'	137'	153'
Lifting Capacity	14,000 lbs.	14,000 lbs.	-	14,000 lbs.	14,000 lbs.
# Powered Boom Sections	5	5	4	5	5
Overall Height	13'5"	11'8"	12'10"	13'5"	14'
Unit Weight (Bare)	27,500 lbs.	27,500 lbs.	28,500 lbs.	39,500 lbs.	42,500 lbs.
Insulation Rating	-	-	-	-	-
<b>WINCH</b>					
Single Line Pull	7,000 lbs.	7,000 lbs.	-	7,000 lbs.	7,000 lbs.
Single Line Speed	150 fpm	150 fpm	-	150 fpm	150 fpm
Wire Rope Size	1/2"	1/2"	-	1/2"	1/2"
<b>OUTRIGGERS/CONTROLS</b>					
Standard Outriggers/Spread	18'/22'	18'/22'	20'	22'/22'	22'/22'
Front Spread	MH	MH	Out and Down	HH3	HH3
Rear Spread	H3	H3	Out and Down	HH3	HH3
Controls	Elec/Hyd	Elec/Hyd	Elec/Hyd/Radio	Elec/Hyd	Elec/Hyd
Throttle Control	2-Speed	2-Speed	2-Speed	2-Speed	2-Speed
Rotation	360 Continuous	360 Continuous	360 Continuous	360 Non-Contin.	360 Non-Contin.
<b>HYDRAULICS</b>					
Boom Extension	Piggyback™ Cylinder	Piggyback™ Cylinder	Hydraulic Cylinder/Cable	Piggyback™ Cylinder	Piggyback™ Cylinder
Hydraulic Reservoir Size	70G	70G	143G	70G	70G
System Pressure	3,000	3,000	3,500	3,000	3,000
<b>BOOM LOAD RATING</b>					
5 ft. (1.5m)	14,000	14,000	-	14,000	14,000
12 ft. (3.7m)	13,200	13,200	-	13,200	13,200
16 ft. (4.9m)	10,000	10,000	-	10,000	10,000
20 ft. (6.1m)	9,000	9,000	-	9,000	9,000
30 ft. (9.1m)	4,700	4,700	-	4,700	4,700
40 ft. (12.2m)	3,800	3,800	-	3,800	3,800
55 ft. (16.8m)	1,500	1,500	-	1,500	1,500
70 ft. (21.4m)	1,100	1,100	-	1,100	1,100
80 ft. (26.0m)	1,000	1,000	-	1,000	1,000

**Chassis Specifications**

<b>G72R</b>		Gross Vehicle Weight Rating (GVWR) Front Gross Axle Weight Rating Rear Gross Axle Weight Rating Cab to Axle (CA)	33,000 lbs. 12,000 lbs. 21,000 lbs. 156"	Platform Size Platform Type Working Height Working Side Reach Winch Capacity Platform Capacity	30 x 54 EZR 72' 63' 5900 500
<b>G85R</b>		Gross Vehicle Weight Rating (GVWR) Front Gross Axle Weight Rating Rear Gross Axle Weight Rating Cab to Axle (CA)	33,000 lbs. 12,000 lbs. 21,000 lbs. 156"	Platform Size Platform Type Working Height Working Side Reach Envelope Restriction Winch Capacity Platform capacity	30 x 54 EZR™ 85' 61' 45-80 deg. 5,900 500
<b>G85F</b>		Gross Vehicle Weight Rating (GVWR) Front Gross Axle Weight Rating Rear Gross Axle Weight Rating Cab to Axle (CA)	33,000 lbs. 12,000 lbs. 21,000 lbs. 168"	Platform Size Platform Type Working Height Working Side Reach Envelope Restriction Winch Capacity Platform capacity	40 x 60 Inverted "A" 90' 58' 45-80 deg. 5,900 600
<b>I85F</b>		Gross Vehicle Weight Rating (GVWR) Front Gross Axle Weight Rating Rear Gross Axle Weight Rating Cab to Axle (CA)	48,000 lbs. 14,000 lbs. 34,000 lbs. 168"	Platform Size Platform Type Working Height Working Side Reach Envelope Restriction Winch Capacity Platform capacity	40 x 60 Inverted "A" 90' 56' 45-80 deg. 3,650 600
<b>H90R</b>		Gross Vehicle Weight Rating (GVWR) Front Gross Axle Weight Rating Rear Gross Axle Weight Rating Cab to Axle (CA)	48,000 lbs. 14,000 lbs. 34,000 lbs. 144"	Platform Size Platform Type Working Height Working Side Reach Envelope Restriction Winch Capacity Platform capacity	30 x 54 EZR™ 90' 61' 45-80 deg. 14,000 500
<b>H90F</b>		Gross Vehicle Weight Rating (GVWR) Front Gross Axle Weight Rating Rear Gross Axle Weight Rating Cab to Axle (CA)	48,000 lbs. 14,000 lbs. 34,000 lbs. 168"	Platform Size Platform Type Working Height Working Side Reach Envelope Restriction Winch Capacity Platform capacity	40 x 60 Inverted "A" 95' 61' 45-80 deg. 14,000 600

**Chassis Specifications**

<b>I-105F</b>		Gross Vehicle Weight Rating (GVWR) Front Gross Axle Weight Rating Rear Gross Axle Weight Rating Cab to Axle (CA)	48,000 lbs. 14,000 lbs. 34,000 lbs. 168"	Platform Size Platform Type Working Height Working Side Reach Envelope Restriction Winch Capacity Platform capacity	40 x 60 Inverted "A" 110' 76' 60-80 deg. 3,650 600
<b>H110R</b>		Gross Vehicle Weight Rating (GVWR) Front Gross Axle Weight Rating Rear Gross Axle Weight Rating Cab to Axle (CA)	50,000 lbs. 16,000 lbs. 34,000 lbs. 192"	Platform Size Platform Type Working Height Working Side Reach Envelope Restriction Winch Capacity Platform capacity	30 x 54 EZR™ 110' 84' 55-80 deg. 14,000 500
<b>H110F</b>		Gross Vehicle Weight Rating (GVWR) Front Gross Axle Weight Rating Rear Gross Axle Weight Rating Cab to Axle (CA)	50,000 lbs. 16,000 lbs. 34,000 lbs. 168"	Platform Size Platform Type Working Height Working Side Reach Envelope Restriction Winch Capacity Platform capacity	40 x 60 Inverted "A" 115' 84' 55-80 deg. 14,000 600
<b>E120</b>		Gross Vehicle Weight Rating (GVWR) Front Gross Axle Weight Rating Rear Gross Axle Weight Rating Cab to Axle (CA)	60,000 lbs. 20,000 lbs. 40,000 lbs. 204"	Platform Size Platform Type Working Height Working Side Reach Winch Capacity Platform Capacity	34 x 72 End hung 120' 80' N/A 600
<b>H135</b>		Gross Vehicle Weight Rating (GVWR) Front Gross Axle Weight Rating Rear Gross Axle Weight Rating Cab to Axle (CA)	72,000 lbs. 20,000 lbs. 52,000 lbs. 174"	Platform Size Platform Type Working Height Working Side Reach Envelope Restriction Winch Capacity Platform capacity	30 x 54 EZR™ 137' 84' 40-60/60-80 deg. 14,000 500
<b>H153</b>		Gross Vehicle Weight Rating (GVWR) Front Gross Axle Weight Rating Rear Gross Axle Weight Rating Cab to Axle (CA)	80,000 lbs. 20,000 lbs. 40,000 lbs. 174"	Platform Size Platform Type Working Height Working Side Reach Envelope Restriction Winch Capacity Platform capacity	30 x 54 EZR™ 153' 84' 40-60/60-80 deg. 14,000 500

**NOTES:**

- ▶ Follow all guidelines in operator's manual. The actual working load is dependent upon factors including proper outrigger deployment, work surroundings, wind, training of personnel and general caution during operation.
- ▶ Do not operate crane or accessories on non-insulated units within 10 ft. (3.05m) of live power lines.
- ▶ The units illustrated include a main boom and platform.
- ▶ Jib capacities shown in the illustration are maximum boom angles. Consult load chart for limitations of men and materials on load line.
- ▶ Elliott HiReach Trucks are sold as factory mounted on a customer or Elliott furnished chassis.
- ▶ Complete data can be obtained online at [www.elliottequip.com](http://www.elliottequip.com).

**OPTIONS**

Radio remote controls  
Platform mounted jib winch  
Welder leads  
Oxy/Acetylene leads  
Hydraulic tool circuit  
Platform forks  
Rotating platform  
Short jack outrigger option  
Out & down secondary outriggers  
Pressure washer  
Compressed air  
Short cab guard  
Full cab guard  
Continuous rotation  
Digger option  
Hostile environment package  
Aircraft protection  
Application specific packages



**Built for You.**

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**DESIGN FEATURES**

Dynasmooth Control Valve™  
Walk around turret control console  
Independent outrigger controls  
Full length sub frame  
Integral outrigger legs  
One piece offset turret design  
Remote platform re-leveling  
Life cycle tested  
Hard wired anti-2-block  
Remote hi/lo range  
Electronically controlled side reach  
Off-the-shelf parts availability

MODEL SPECS





Utility Truck



Cab guard w/cross-body box



Skywalk™ Workplatform



Platform Mounted Jib Winch™



E-Z-R™ Platform



Insulated Bucket



Control Options



Digger



Welder/Generator w/ Leads in Platform

	L36R	L40R	G40F	A41	G50F	I50F	S50F	S50R	H55F	L55R	H60F	I60F	L60R	V60F	H70R	H70F	I70F	S70R	G72R	G85R	G85F	I85F	H90R	H90F	I-105F		
<b>PERFORMANCE</b>																											
Working Height	41'	45'	45'	46'	55'	55'	55'	55'	55'	57'	55'	55'	62'	63'	70'	75'	75'	75'	72'	85'	90'	90'	90'	95'	110'		
Lifting Capacity	1,000 lbs.	–	5,900 lbs.	–	5,900 lbs.	3,650 lbs.	5,900 lbs.	5,900 lbs.	5,900 lbs.	5,900 lbs.	5,900 lbs.	3,650 lbs.	5,900 lbs.	N/A	5,900 lbs.	5,900 lbs.	3,650 lbs.	5,900 lbs.	5,900 lbs.	5,900 lbs.	5,900 lbs.	3,650 lbs.	14,000 lbs.	14,000 lbs.	3,650 lbs.		
# Powered Boom Sections	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	5		
Overall Height	10'4"	10'10"	11'3"	11'0"	11'5"	11'5"	11'8"	13'1"	11'3"	11'8"	11'3"	11'5"	11'9"	12'0"	12'10"	11'4"	11'4"	13'5"	12'3"	12'3"	11'6"	11'7"	13'2"	11'10"	12'4"		
Unit Weight (Bare)	7,000 lbs.	Consult Factory	10,000 lbs.	8,500 lbs.	11,000 lbs.	11,500 lbs.	15,500 lbs.	13,500 lbs.	15,500 lbs.	12,000 lbs.	16,500 lbs.	16,800 lbs.	13,500 lbs.	Consult Factory	17,600 lbs.	17,600 lbs.	17,600 lbs.	21,000 lbs.	18,000 lbs.	18,000 lbs.	18,000 lbs.	18,500 lbs.	21,000 lbs.	21,000 lbs.	28,500 lbs.		
Insulation Rating	–	–	–	–	–	46KV	–	–	–	–	–	46KV	–	–	–	–	46KV	–	–	–	–	46KV	–	–	46KV		
<b>WINCH</b>																											
Single Line Pull	1,000 lbs.	–	4,200 lbs.	–	4,200 lbs.	3,650 lbs.	4,200 lbs.	4,200 lbs.	4,200 lbs.	4,200 lbs.	4,200 lbs.	3,650 lbs.	4,200 lbs.	–	4,200 lbs.	4,200 lbs.	3,650 lbs.	4,200 lbs.	4,200 lbs.	4,200 lbs.	4,200 lbs.	4,200 lbs.	4,200 lbs.	3,650 lbs.	7,000 lbs.	7,000 lbs.	3,650 lbs.
Single Line Speed	60 fpm	–	60 fpm	–	60 fpm	60 fpm	60 fpm	60 fpm	60 fpm	60 fpm	60 fpm	60 fpm	60 fpm	–	60 fpm	60 fpm	60 fpm	60 fpm	60 fpm	60 fpm	60 fpm	60 fpm	60 fpm	150 fpm	150 fpm	60 fpm	
Wire Rope Size	3/16"	–	3/8"	–	3/8"	3/4" poly	3/8"	3/8"	3/8"	3/8"	3/8"	3/4" poly	3/8"	–	3/8"	3/8"	3/4" poly	3/8"	3/8"	3/8"	3/8"	3/4" poly	1/2"	1/2"	3/4" poly		
<b>OUTRIGGERS/CONTROLS</b>																											
Standard Outriggers/Spread	–	8'	12'8'	9'0"	12'8'	12'8'	18'8'	12'18'	18'8'	18'	18'8'	18'8'	12'18'	8'8'10"	12'18'	18'8'	18'8'	18'18'	12'18'	12'18'	18'8'	18'8'	18'8'	12'18'	18'8'	18'22'	
Front Spread	–	–	A	A	A	A	MH	A	MH	MH	MH	MH	A	"A" US	A	MH	MH	MH	A	A	MH	MH	A	MH	MH		
Rear Spread	"A" US	"A" US	"A" US	–	"A" US	"A" US	"A" US	MH	"A" US	MH	"A" US	"A" US	MH	"A" US	MH	"A" US	"A" US	MH	MH	MH	"A" US	"A" US	MH	"A" US	H3		
Controls	Elec/Hyd	Elec/Hyd	Elec/Hyd	Hyd/Hyd	Elec/Hyd	Fiberoptic	Elec/Hyd	Elec/Hyd	Elec/Hyd	Elec/Hyd	Elec/Hyd	Fiberoptic	Elec/Hyd	Elec/Hyd	Elec/Hyd	Elec/Hyd	Fiberoptic	Elec/Hyd	Elec/Hyd	Elec/Hyd	Elec/Hyd	Fiberoptic	Elec/Hyd	Elec/Hyd	Fiberoptic		
Throttle Control	2-Speed	2-Speed	2-Speed	2-Speed	2-Speed	2-Speed	2-Speed	2-Speed	2-Speed	2-Speed	2-Speed	2-Speed	2-Speed	2-Speed	2-Speed	2-Speed	2-Speed	2-Speed	2-Speed	2-Speed	2-Speed	2-Speed	2-Speed	2-Speed	2-Speed		
Rotation	360 Non-Contin.	360 Continuous	360 Continuous	360 Continuous	360 Continuous	360 Continuous	360 Continuous	360 Continuous	360 Continuous	360 Continuous	360 Continuous	360 Continuous	360 Continuous	360 Continuous	360 Continuous	360 Continuous	360 Continuous	360 Continuous	360 Continuous	360 Continuous	360 Continuous	360 Continuous	360 Continuous	360 Continuous	360 Continuous		
<b>HYDRAULICS</b>																											
Boom Extension	Hydraulic Cylinder	Hydraulic Cylinder	Piggyback™ Cylinder	Hydraulic Cylinder	Piggyback™ Cylinder	Piggyback™ Cylinder	Piggyback™ Cylinder	Piggyback™ Cylinder	Piggyback™ Cylinder	Piggyback™ Cylinder	Piggyback™ Cylinder	Piggyback™ Cylinder	Piggyback™ Cylinder	Cable	Piggyback™ Cylinder	Piggyback™ Cylinder	Piggyback™ Cylinder	Piggyback™ Cylinder	Piggyback™ Cylinder	Piggyback™ Cylinder	Piggyback™ Cylinder	Piggyback™ Cylinder	Piggyback™ Cylinder	Piggyback™ Cylinder	Piggyback™ Cylinder	Piggyback™ Cylinder	
Hydraulic Reservoir Size	35G	35G	35G	15G	35G	35G	35G	35G	35G	35G	35G	35G	35G	25G	35G	35G	70G	70G	35G	35G	35G	70G	70G	70G	70G		
System Pressure	1,800	1,800	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	3,000	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	3,000	3,000	2,500	
<b>BOOM LOAD RATING</b>																											
5 ft. (1.5m)	1,000	–	5,900	–	5,900	3,650	5,900	5,900	5,900	5,900	5,900	3,650	5,900	–	5,900	5,900	3,650	5,900	5,900	5,900	5,900	5,900	3,650	14,000	14,000	3,650	
12 ft. (3.7m)	700	–	3,200	–	3,200	3,650	3,200	3,200	3,200	3,400	3,200	3,650	3,200	–	3,400	3,400	3,650	5,900	3,400	3,400	3,400	3,400	3,650	6,000	6,000	3,650	
16 ft. (4.9m)	600	–	2,700	–	2,700	3,650	2,700	2,700	2,700	3,100	2,700	3,650	2,700	–	3,200	3,200	3,650	4,400	2,300	3,200	3,200	3,650	5,000	5,000	3,650		
20 ft. (6.1m)	450	–	1,800	–	1,800	2,500	1,800	1,800	1,800	2,200	1,800	2,500	1,800	–	2,700	2,700	2,500	4,200	2,700	2,700	2,700	2,700	2,500	4,500	4,500	2,500	
30 ft. (9.1m)	300	–	1,250	–	1,250	1,300	1,250	1,250	1,400	1,500	1,500	1,300	1,250	–	1,600	1,600	1,300	2,850	1,600	1,600	1,600	1,600	1,300	4,100	4,100	1,300	
40 ft. (12.2m)	–	–	1,000	–	1,000	1,100	1,000	1,000	1,000	900	1,300	1,100	1,000	–	1,200	1,200	1,100	2,650	1,200	1,200	1,200	1,200	1,100	3,700	3,700	1,100	
55 ft. (16.8m)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1,000	1,000	1,050	1,100	1,000	1,000	1,000	1,050	1,300	1,300	1,050		
70 ft. (21.4m)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	800		
80 ft. (26.0m)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		

\*All models are ANSI Compliance A92.2 (except model L36R)  
 \*\* All models are covered by the 1 Year/ 5 Year Warranty

### Chassis Specifications

Model	Image	Gross Vehicle Weight Rating (GVWR)	Front Gross Axle Weight Rating	Rear Gross Axle Weight Rating	Cab to Axle (CA)	Platform Size	Platform Type	Working Height	Working Side Reach	Winch Capacity	Platform capacity
L36R		17,000 lbs.	7,000 lbs.	11,000 lbs.	84"	24 x 48	End Hung	41'	33'	1,000	300
L40R		19,500 lbs.	7,000 lbs.	12,500 lbs.	108"	30 x 54	EZR	45'	29'	N/A	500
G40F		26,000 lbs.	10,000 lbs.	17,500 lbs.	120"	40 x 60	Inverted "A"	45'	30'	5,900	1,000
A41		19,500 lbs.	7,000 lbs.	12,500 lbs.	84"	48 x 24	Molded bucket	46'	29'	N/A	350
G50F		26,000 lbs.	10,000 lbs.	17,500 lbs.	120"	40 x 60	Inverted "A"	55'	39'	5,900	600
I50F		26,000 lbs.	10,000 lbs.	17,500 lbs.	120"	40 x 60	Inverted "A"	55'	39'	3,650	600

### Chassis Specifications

Model	Image	Gross Vehicle Weight Rating (GVWR)	Front Gross Axle Weight Rating	Rear Gross Axle Weight Rating	Cab to Axle (CA)	Platform Size	Platform Type	Working Height	Working Side Reach	Winch Capacity	Platform capacity
S50F		33,000 lbs.	12,000 lbs.	21,000 lbs.	156"	28 x 192	SkyWalk™	55'	52'	5,900	900
S50R		26,000 lbs.	10,000 lbs.	17,500 lbs.	120"	28 x 120	SkyWalk™	55'	52'	5,900	900
H55F		26,000 lbs.	10,000 lbs.	17,500 lbs.	156"	40 x 60	Inverted "A"	55'	42'	5,900	600
L55R		26,000 lbs.	10,000 lbs.	17,500 lbs.	120"	30 x 54	EZR™	57'	51'	5,900	500
H60F		33,000 lbs.	12,000 lbs.	21,000 lbs.	156"	40 x 60	Inverted "A"	55'	42'	5,900	600
I60F		33,000 lbs.	12,000 lbs.	21,000 lbs.	156"	40 x 60	Inverted "A"	55'	39'	3,650	600

### Chassis Specifications

Model	Image	Gross Vehicle Weight Rating (GVWR)	Front Gross Axle Weight Rating	Rear Gross Axle Weight Rating	Cab to Axle (CA)	Platform Size	Platform Type	Working Height	Working Side Reach	Winch Capacity	Platform capacity
L60R		26,000 lbs.	10,000 lbs.	17,500 lbs.	120"	28 x 192	SkyWalk™	55'	52'	5,900	900
V60F		19,500 lbs.	7,000 lbs.	12,500 lbs.	108"	30 x 40	Inverted "A"	63'	38'	N/A	500
H70R		33,000 lbs.	12,000 lbs.	21,000 lbs.	156"	30 x 54	EZR™	70'	62'	5,900	500
H70F		33,000 lbs.	12,000 lbs.	21,000 lbs.	168"	40 x 60	Inverted "A"	75'	62'	5,900	600
I70F		33,000 lbs.	12,000 lbs.	21,000 lbs.	168"	40 x 60	Inverted "A"	75'	56'	45-80 deg.	3,650
S70R		48,000 lbs.	14,000 lbs.	34,000 lbs.	144"	28 x 120	SkyWalk™	75'	65'	5,900	900