



CRANES



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Super Techno 50

>CRANES

The award winning Super Techno Crane sets the standard for articulating cranes and is the system by which all others are measured. The Super Techno 50 is incredibly versatile and can carry a camera at great heights while still compact enough to get through a typical 7' door. WFW has a wide range of stabilized and standard two and three axis remote heads, ideal for use with the Super Techno 50. WFW has a purpose-built rain cover for rain tower applications and 65' of track which affords a total end to end shooting range up to 160'!



Super Techno 50 Quick Specs		
Max. lens height	50'	15.1m
Max. overall length	60'6"	18.45m
Max. reach from fulcrum	48'5"	14.75m
Min. overall length	23'2"	7.05m
Min. reach from fulcrum	11'	3.35m
Telescopic travel	37'5"	11.4m
Telescope speed	2 m/sec	
Length of base	8'	2.45m
Width of base	6'5"	1.95m
Max. height at fulcrum	11'11"	3.63m
Min. height at fulcrum	6'10"	2.08m
Weight	5100lbs	2300kg



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Super Techno 30

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The award winning Super Techno Crane set the standard for articulating cranes and is the system by which all others are measured. The Super Techno 30 is a sought after articulating crane because of it's telescopic range and incredible versatility. WFW has a wide range of stabilized and standard two and three axis remote heads, ideal for use with the Super Techno 30. The WFW Super Techno 30 has an integrated Super Techno Speed Box, making it the fastest, smoothest articulating crane available. In addition, WFW has a purpose-built rain cover for rain tower applications and a total of 65' of track, standard with the package.



Super Techno 30 Quick Specs		
Max. lens height	30'	9.2m
Max. overall length	39'2"	11.95m
Max. reach from fulcrum	31'4"	9.55m
Min. overall length	16'7"	5.05m
Min. reach from fulcrum	8'8"	2.65m
Telescopic travel	22'8"	6.9m
Telescope speed	2 m/sec	
Length of base	5'5"	1.65m
Width of base	4'11"	1.49m
Max. height at fulcrum	8'5"	2.55m
Min. height at fulcrum	6'11"	2.1m
Weight	2640lbs	1200kg



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Scorpio 30+7

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The Scorpio 30+7 is one of the most versatile cranes on the market today. The Scorpio 30+7 crane has an automatic arc compensator in both horizontal and vertical axis, programmable limits on the telescopic movement, repeatable arm articulation, adjustable dampening and a variety of positional data for the operator or VFX team to name a few. Besides the electronic advantages of the Scorpio 30+7 crane, it can be used in it's standard 30' configuration or, without changing the minimum size of the crane, a optional 7' extension can be added. WFW has a wide range of stabilized and standard two and three axis remote heads, ideal for use with the Scorpio 30+7 crane.



Scorpio 30+7 Quick Specs

Max. height - 37' Version (to leveling head)	30'	9.4m
Max. height - 30' Version (to leveling head)	25'	7.7m
Telescopic range (37' version)	27'	8.5m
Telescopic range (30' version)	21'	7m
Min. reach from fulcrum	8'	2.25m
Max. overall length (37' version)	38'	11.6m
Max. overall length (30' version)	29'	8.9m
Min. overall length (30' or 37' version)	15'	4.65m
Min. height at fulcrum	6'6"	2m
Fulcrum travel	2'	0.5m
Length of base	5'3"	1.6m



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Mini Scorpio 23

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The Mini Scorpio 23 crane has a number of features that puts it in a league of its own. The Mini Scorpio 23 crane has an automatic arc compensator in both horizontal and vertical axis, programmable limits on the telescopic movement, repeatable arm articulation, adjustable dampening, motorized weight tray and a variety of positional data for the operator or VFX team to name a few. Besides the electronic advantages of the Mini Scorpio 23 crane, it features the longest articulating arm that can be wheeled through a typical 34"x7' door and is adjustable to fit standard; 62cm, 88cm, and 1m track. WFW has a wide range of stabilized and standard two and three axis remote heads, ideal for use with the Mini Scorpio 23 crane.



Mini Scorpio 23 Quick Specs

Max. lens height (underslung)	21'	6.7m
Max. lens height (overslung)	26'2"	8.0m
Max. reach from fulcrum	23'	7.1m
Min. reach from fulcrum	5'	1.5m
Max. overall length	29'	8.9m
Min. overall length	10'10"	3.3m
Min. height at fulcrum	6'5"	1.97m
Fulcrum travel	12"	0.3m
Length of base (smallest to 1m track)	5'6"-6'2"	1.7-1.9m
Width of base (smallest to 1m track)	2'11"-5'6"	1.0-1.7m
Weight (unladen)	1100lbs	335kg



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TechnoDolly

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The TechnoDolly represents the next generation in articulating cranes. The TechnoDolly is a fully repeatable 15' SuperTechno with unparalleled flexibility and versatility. The system can repeat and output the encoded pan, tilt, track, elevation, focus, iris and zoom data to an industry standard format as well as import a (Maya/3ds Max) .fbx file for playback. You can build moves through simple keyframing or standard wheels operating mode. Advanced options include disengaging the pan/tilt motors for a free-form hand held shot or record a push-to-learn tracking shot on the included 60' of track. The TechnoDolly continues to evolve, contact WFW for more information.



TechnoDolly Specs

Max. lens height	4,69 m	15' 4"
Min. length from center to front	0,71 m	2' 3"
Max. length from center to front	3,83 m	12' 6"
Max. telescopic travel	3,12 m	10' 2"
Length from center to back	1,82 m	5' 11"
Min. overall length	2,85 m	9' 4"
Max. overall length	5,95 m	19' 6"
Door clearance wide	0,78 m	2' 6"
Door clearance high	2,03 m	6' 7"
Foot-print	1.32 x 1.2m	4' 3" x 3' 11"

TechnoDolly Weights

Crane	570 kg	1255 lbs
Counterweights	274 kg	604 lbs
2 Axis head (with 25 kg kamera)	40 kg	88 lbs
TECHNODOLLY (incl. 25 kg camera)	884 kg	1948 lbs
One track	40 kg	88 lbs

TechnoDolly Features

- Quick set-up time
- Extremely versatile, actor driven motion repeatable
- Multi-axis repeatable (dolly, crane, articulation, full lens function)
- Cost efficient (use as standard 15' ST when not in use for moco)
- Small arm with a large shooting area; 15' high, 25' wide, 80' long
- Super quiet operation, ideal for sound
- Very precise, better than +/- 0.2mm



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GF 8

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The GF 8 is a rigid, modular crane arm. It is light-weight in design and easily assembled through the use of interchangeable sections and identical rods (non numerical). It is ride-able to 19'10" (6.1m) with one person and can carry a 110lbs (50kg) remote package at 26'2" (8m).



GF 8 Quick Specs

	Arm Reach		Max. Height		Max. Payload		Weight(unloaded)		Ratio	Riders
Version 1	8'3"	2.5m	10'10"	3.3m	550lbs	250kg	503lbs	229kg	1.1:1	+2
Version 2	11'5"	3.5m	13'5"	4.1m	550lbs	250kg	556lbs	253kg	1.8:1	+2
Version 3	13'1"	4.0m	14'10"	4.5m	475lbs	216kg	569lbs	259kg	2.2:1	+2
Version 4	16'4"	5.0m	17'6"	5.3m	330lbs	150kg	596lbs	271kg	3.2:1	+1
Version 5	18'	5.5m	18'10"	5.8m	281lbs	128kg	609lbs	277kg	3.8:1	+1
Version 6	21'8"	6.6m	21'1"	6.8m	176lbs	80kg	613lbs	279kg	5.3:1	-
Version 7	23'4"	7.1m	23'5"	7.1m	176lbs	80kg	629lbs	286kg	6:1	-
Version 8	26'6"	8.1m	26'2"	8.0m	110lbs	50kg	653lbs	297kg	9.6:1	-
Version 9	8'3"	2.5m	11'10"	3.6m	550lbs	250kg	528lbs	240kg	1.1:1	+2
Version 10	11'5"	3.5m	14'5"	4.4m	550lbs	250kg	580lbs	264kg	1.8:1	+2
Version 11	13'1"	4.0m	15'10"	4.8m	475lbs	216kg	594lbs	270kg	2.2:1	+2
Version 12	16'4"	5.0m	18'6"	5.6m	330lbs	150kg	620lbs	282kg	3.2:1	+1
Version 13	18'	5.5m	19'10"	6.1m	281lbs	128kg	633lbs	288kg	3.8:1	+1
Version 14	21'8"	6.6m	23'1"	7.1m	176lbs	80kg	638lbs	290kg	5.3:1	-
Version 15	23'4"	7.1m	24'5"	7.5m	176lbs	80kg	653lbs	297kg	6:1	-
Version 16	26'6"	8.1m	27'2"	8.3m	110lbs	560kg	677lbs	268kg	9.6:1	-
Version 17	27'5"	8.4m	27'10"	8.5m	110lbs	50kg	701lbs	319kg	8.4:1	-
Version 18	30'8"	9.4m	30'6"	9.3m	110lbs	50kg	801lbs	330kg	10:1	-



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Giraffe Cranes

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The Giraffe cranes are renowned for their sturdiness, versatility and ease of use. All three Giraffes are modular in length and can be quickly built into their various modes. The Compact is light and nimble for its maximum length and payload. It can be used on standard dolly track and makes an ideal crane arm at 16' on the WFW Camera Car. The Classic and Long Ranger are both single or dual ride-able and have maximum lengths of 31'6" and 41'4" respectively.



Giraffe Crane Quick Specs

Giraffe-	Mode Lengths-Fulcrum to Leveling Head										Max. Height	
	Mode 1		Mode 2		Mode 3		Mode 4		Mode 5			
Compact	8'0"	2.4m	22'9"	4.7m	22'9"	6.9m					22'6"	6.7m
Classic	7'10" ²	2.3m ²	11' ²	3.4m ²	16'6" ²	5.1m ²	21'10" ¹	6.7m ¹	31'6"	9.5m	29'0"	8.6m
Long Ranger	13'5" ²	4.1m ²	26'6" ²	6.2m ²	26'6" ¹	8.2m ¹	34'0"	10.5m	41'4"	12.7m	42'0"	12.5m

¹Max length for single rider or 350lbs (160kg). ²Max length for two riders or 500lbs (225kg)
 Max Height is approximate height to leveling head, crane pan direction may affect height



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