

REMOTE SYSTEMS

2004



Panavision Remote Systems

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Panavision 818 316-1000 VOICE
Camera Rental 818 316-1106 FAX
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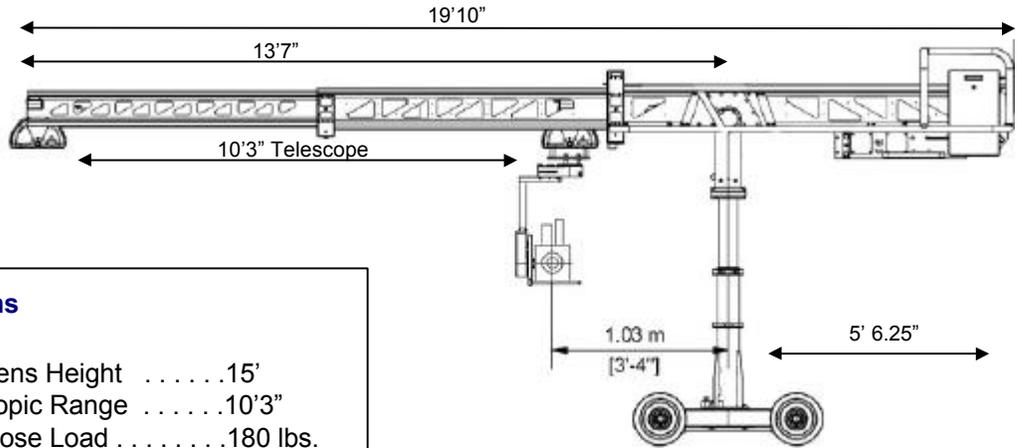
CAMERA CRANES



15

TECHNOCRANE 15

Technical Summary



Dimensions

- Max. Lens Height15'
- Telescopic Range10'3"
- Max. Nose Load180 lbs.
- Clearance W x H2'7" x 6'
- Min. Length3'4"
- Max. Length13'7"
- Overall – Retracted9'
- Overall – Extended19'10"
- Rear Section5' 6.25"
- Max Crane Height.6' 8.5"
- Min Crane Height.6'
- Track Width34"
- Sleeper Width38"
- Z-Head Length–Normal . . 29"
- Z-Head Length–Shortest . 17"
- Min Dims of Z-Head 17" x 16"
- Power120V 20A

Weights

- Arm287
- Column68
- Dolly.148
- Counterweights434
- Remote Head.43
- Max. Weight1,270



20

TECHNOCRANE 20

Smaller brother to the 50 and 30' Super Technocranes, the Technocrane 20 is your perfect solution for confining spaces or tough load-in locations. Panavision Technocranes now come with wide base dollies and motorized center posts that can raise the crane to its maximum height in under 60 seconds. With the crane raised to its high position and the arm tilted up, you can reach 22' 6" of height in less than half the space of any conventional crane. For tight situations, a smaller base is available.



ADVANTAGES OF THE PANAVISION TECHNOCRANES

- **EXCLUSIVE!** The only telescopic cranes with patented Automatic Backpan Compensation.
- **Motorized Center Posts.** All Panavision Technocranes come with motorized centerposts that can raise the crane to its maximum height in under 60 seconds. That means the crane will roll through any standard doorway (7'). But once inside, a push of the button raises the arm to permit extreme up angle (63°), or for easy maneuvering of the arm over people or obstacles. With the crane raised to its high position and the arm tilted up, you can reach 20' of height in less than half of the space of any conventional crane.
- **It talks to computers.** The Panavision Technocranes are the only fully encoded telescoping cranes available. If you're thinking about motion capture, here's a simple answer that does not cost a fortune to use.
- **It's seen fire and it's seen rain.** Tough conditions? Our credentials on *Be Cool* and *Constantine*, among hundreds of others, mean you can count on us to get the shot regardless of wind, rain, dust, and cold.
- **Special combinations.** The Panavision Technocrane 20 mounts on the Shotmaker Premier as well as the Chapman Apollo and Super Nova cranes, and the Panavision low mode dolly.



PACKAGE INCLUDES

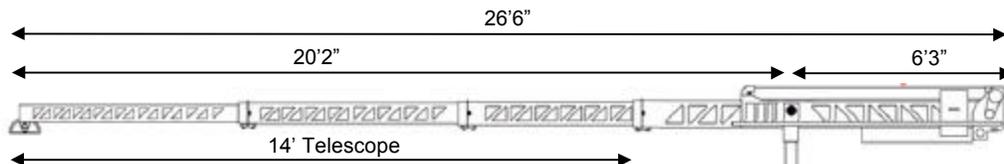
Technocrane 20 with Automatic Backpan Compensation, dolly with motorized post and pneumatic wheels, 2-axis Z-Head, Preston FIZ, dolly grip monitor, operator's console, 14" color monitor, 9" b/w monitor, witness camera, and all necessary cables.



20

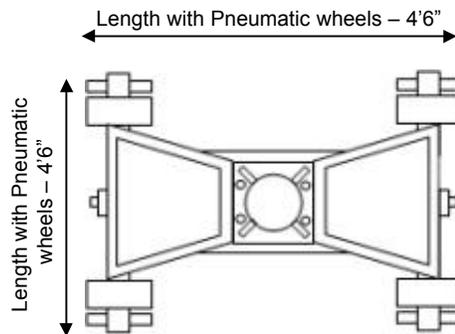
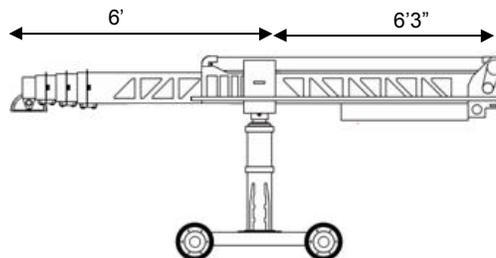
TECHNOCRANE 20

Technical Summary



Dimensions

- Max. Lens Height 20'
- Telescopic Range 14'
- Arm Speed Maximum . . 4 Ft/Sec
- Arm Speed Minimum . . 3.3 Ft/Hr
- Max. Nose Load 180 lbs.
- Clearance W x H 4'6" x 6'11"
- Min. Length 6'
- Max. Length 20'2"
- Overall – Retracted . . . 12'3"
- Overall – Extended . . . 26'5"
- Rear Section 6'3"
- Max Length-extended . . 26'6"
- Min Length-retracted . . 11'6"
- Max Crane Height 8'7"
- Min Crane Height 6'11"
- Track Width 4'9"
- Sleeper Width 5'
- Z-Head Length–Normal . 29"
- Z-Head Length–Shortest . 17"
- Min Dims of Z-Head 17" x 16"
- Power 120V 20A



Weights

- Arm 518
- Column 262
- Dolly 698
- Counterweights 800
- Remote Head 70
- Max. Weight 2,350



30

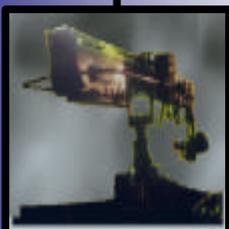
SUPERTECHNO 30

The Panavision SuperTechno 30 telescopes during the shot, offering you the ability to film sequences difficult to imagine with any fixed length crane. The SuperTechno's 30' reach means you can put the camera anywhere in a 60' radius without ever moving the dolly. That means you won't have to set up track to get your shot, saving you the price of the crane in time alone. The SuperTechno 30 comes with our highly modified Z-Head, which works with any film or video camera in either 2- or 3-axis mode.



ADVANTAGES OF THE PANAVISION SUPERTECHNO CRANES

- **EXCLUSIVE!** The only telescopic cranes with patented Automatic Backpan Compensation.
- **Motorized Center Posts.** All Panavision SuperTechnos come with motorized centerposts that can raise the crane to its maximum height in under 60 seconds. That means the crane will roll through any standard doorway (7'). But once inside, a push of the button raises the arm to permit extreme up angle (63°), or for easy maneuvering of the arm over people or obstacles. With the crane raised to its high position and the arm tilted up, you can reach 30' of height in less than half of the space of any conventional crane.
- **It talks to computers.** The Panavision SuperTechno cranes are the only fully encoded telescoping cranes available. If you're thinking about motion capture, here's a simple answer that does not cost a fortune to use.
- **It's seen fire and it's seen rain.** Tough conditions? Our credentials on *Van Helsing* and *The Matrix 2 & 3*, among hundreds of others, mean you can count on us to get the shot regardless of wind, rain, dust, and cold.
- **Special combinations.** The Panavision SuperTechno 30 mounts on the Shotmaker Premier as well as the Chapman Apollo and Super Nova cranes, and the Panavision low mode dolly.



PACKAGE INCLUDES

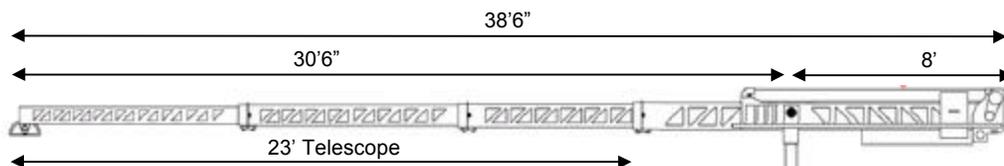
SuperTechno 30 with Automatic Backpan Compensation, dolly with motorized post and pneumatic wheels, 2-axis Z-Head, Preston FIZ, dolly grip monitor, operator's console, 14" color monitor, 9" b/w monitor, witness camera, and all necessary cables.



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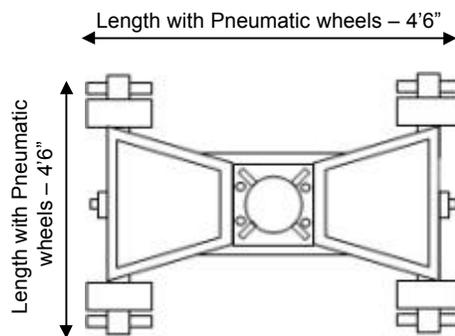
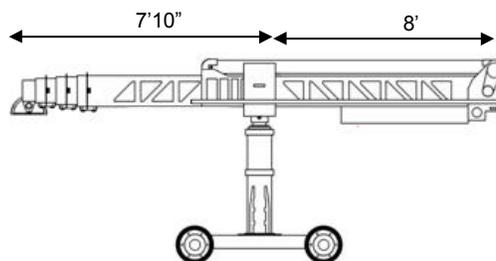
SUPERTECHNO 30

Technical Summary



Dimensions

- Max. Lens Height30'
- Telescopic Range23'
- Arm Speed Maximum . . .5.5 Ft/Sec
- Arm Speed Minimum. . . .4 Ft/Hr
- Max. Nose Load180 lbs.
- Clearance W x H4'6" x 6'11"
- Min. Length7'10"
- Max. Length30'
- Overall - Retracted16'
- Overall - Extended38'
- Rear Section8'
- Max Crane Height8'7"
- Min Crane Height6'11"
- Track Width4'9"
- Sleeper Width5'
- Z-Head Length-Normal . .29"
- Z-Head Length-Shortest .17"
- Min Dims of Z-Head17" x 16"
- Power120V 20A



Weights

- Arm Weight760 lbs.
- Column Weight262 lbs.
- Dolly Weight448 lbs.
- Counterweights1,280 lbs.
- Remote Head Weight . . .70 lbs.
- Max. Weight2,850 lbs.



50

SUPERTECHNO 50

Features

- 50' Telescopic arm (largest in the world)
- 38' Telescopic range
- 50' Maximum lens height
- Fast – The crane can fully extend or retract the arm at a rate 6'/second
- Motorized center post with 3' of travel; allows the crane to fit through a 7' doorway, but rises to over 10' tall when in use.
- Quick Setup – All TechnoCranes can typically be ready to shoot in about 1 hour
- Encoded – Allows for increased Visual Effects by precisely recording the cranes every move
- PanBar Compatible – Allows easy operation of the remote head in all 3 axes
- 100' Radius
- Rugged design
- Patented Automatic Backpan Compensation*

SuperTechno 50 – This is the longest, tallest, and fastest telescopic crane in the world.

The SuperTechno 50 takes all of the strengths of its stablemates to the extreme. It offers a maximum lens height of 50 feet, a telescope range of nearly 40 feet, yet is still surprisingly compact when necessary. The arm can be retracted to less than 12 feet when required. This gives the crane a total overall length of just 25' in its retracted form.

The motorized center post literally takes the crane to new heights. Aside from raising the fulcrum to 10' 6" it also allows the arm to tilt to 60 degrees and lets the big arm put your lens way up – maximum lens height is 50 feet. When the center post is at it's lowest setting, the big crane can still roll right on through a standard 7' doorway.

That same big arm also means that you can put the camera anywhere within a 100' radius without ever relocating the dolly.

**“The setup was fast,
the shot was beautiful.”**

-Michael Gershman



50

SUPERTECHNO 50



Weights

- Arm1,628
- Column 906
- Dolly.1,267
- Counterweights1,663
- Remote Head. 70

- SuperTechno 50 5,534

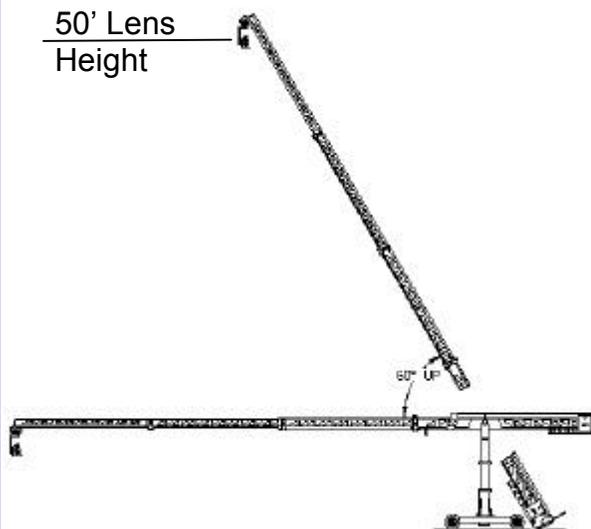
All Weights are in Pounds



Crane Dimensions

- Max. Lens Height50'
- Telescopic Range 37'5"
- Max. Nose Load.180 lbs.
- Clearance W x H. . 6'5" x 6'11"
- Min. Length11'
- Max. Length 49'
- Overall – Retracted 23'2"
- Overall – Extended62'
- Rear Section 12'2"
- Track Width7'
- Power 120V 20A
- Max Crane Height.11'11"
- Min Crane Height. 6'11"
- Base Length 8'
- Base Width 6'5"

SUPERTECHNO 50

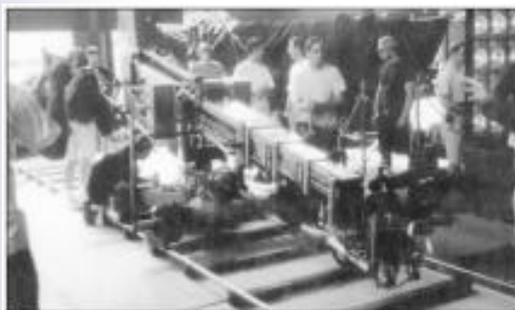
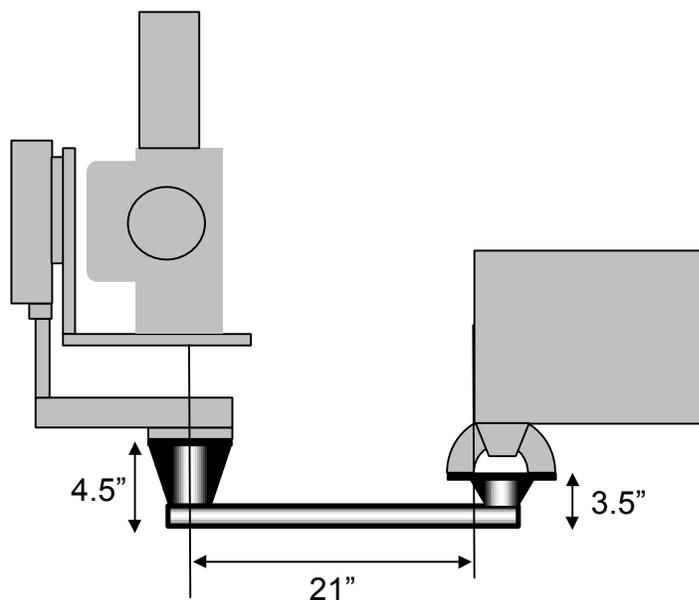


SUPERTECHNO 50



OUT FRONT MOUNT

When you need to minimize the cross-section of the SuperTechno cranes, look no further than the Out Front Mount. This ingenious little device enables you to reduce the overall height dimension of the crane and remote head. The Out Front Mount takes the existing Z-Head and places it out in front of the crane's nose. With the Z-Head inverted on the Out Front Mount it is now possible to scope the crane right through the tiniest of openings. As an additional benefit, the Out Front Mount adds roughly 20" to the length of the crane.



100

STRADA 100

THE WORLD'S LONGEST CAMERA CRANE

Think Big! This is the world's longest camera crane. With the ability to place the lens up to 100 feet above the ground, the Strada 100 elevates itself above the crowd.

ADVANTAGES OF THE STRADA 100

- **Super-Fast Setup.** If you thought big cranes took a long time to set up, think again! The Strada 100 sets up in less time than any other giant crane available.
- **Motorized Dolly.** The Strada 100's dolly is fully motorized. This means that you can move the crane into position, in less time than any other big crane. It also means that the Strada technicians move the crane by themselves, without interrupting the work of your crew. The Strada 100 camera crane also features a motorized center post. This enables quicker setup and teardown times.
- **Ultra Long Reach.** The Strada 100 reaches a full 15 feet longer, and over 30 feet higher than any other camera crane in the world.

		Arm Reach	Lens Height with dolly risers	Lens Height without dolly risers	Overall arm length	Max Nose Load (includes camera & remote head)
100' weight (with main chassis & weights)	8500 lbs.					
85' weight (with main chassis & weights)	8000 lbs.					
72' weight (with main chassis & weights)	7500 lbs.	100'	100'	75'	112'	85 lbs.
Main Chassis with steering	7'6" x 10'6"	85'	85'	78'	97'	100
Pedastal to rear	12'	79'	79'	73'	91'	125
Min operating space from pedastal placement	15'	72'	72'	68'	84'	200
100' weight (with portable chassis & weights)	6000 lbs.	65'	65'	62'	77'	225
85' weight (with portable chassis & weights)	6000 lbs.	58'	58'	55'	70'	250
72' weight (with portable chassis & weights)	5500 lbs.	52'	52'	48'	64'	275
Portable chassis	7'6" x 8'6"	45'	45'	42'	57'	300



Hook & Release

STRADA 100

HOOK & RELEASE STEADICAM™ SYSTEM

- StediCam™ Hook & Release System.** With the Strada 100 it is now possible to do the impossible. If you have ever dreamt you could fly your StediCam™ operator at the end of a crane, and then unhook from the crane, mid-shot, stop dreaming! Strada 100's Hook & Release System enables fresh and exciting scenes, with the blending of these technologies.



		Arm Reach	Lens Height Underlung	Overall arm length	Max Nose Load (includes camera & operator)
72' weight (with main chassis & weights)	7500 lbs.				
Main Chassis with steering	7'6" x 10'6"				
Pedestal to rear	12'	72'	60'	84'	270 lbs.
Min operating space from pedestal placement	15'	65'	54'	77'	270 lbs.
72' weight (with portable chassis & weights)	5500 lbs.	58'	48'	70'	270 lbs.
Portable chassis	7'6" x 8'6"	52'	40'	64'	270 lbs.
		45'	34'	57'	270 lbs.



AQUA

AQUACRANE

The advent of waterproof remote heads and camera housings has made shooting under the water much easier. That's because the camera goes under while the crew stays on top so the director and crew can communicate while designing the shot. But getting the camera into the water and moving it presents several unique problems. First is the problem of buoyancy when lowering the remote head and camera into the water. To use a conventional crane you first put enough weights into the bucket to balance the system. Then you swing the crane into position and remove the weights until the head sinks into the water. To get the head out of the water you have to put the weights back into the bucket until the crane balances and then swing it back to land for reloading. It's even worse if you want to start the shot underwater and come out in one smooth move. That's because it's virtually impossible to add weight quickly enough to let the camera rise smoothly from the water into the air. The Aquacrane™ changes all that. Its motorized weight transfer system lets you push a button to raise or lower the camera in or out of the water. You get smooth, quick transitions from water to surface without bobbles or waiting.

The next problem is having a crane that's strong enough to resist bending loads as you swing the camera through the water. Most cranes are not rigid enough to prevent bending as the camera is swung through the water. The underwater crane uses 3" box section aluminum construction to prevent twisting or bending no matter how fast you swing the camera.

Finally the Aquacrane™'s extra long tail gives you the leverage you need to push the camera through the water's resistance. Most cranes are built with a front to back ratio of 3 or 4 to 1. These ratios are okay for swinging a crane in the air but water's density makes it very difficult to move through. The Aquacrane™ has a nose to tail ratio of 1.75 to 1 built as a 21' arm and only a 2.33 to 1 ratio when operated as a 28' arm.



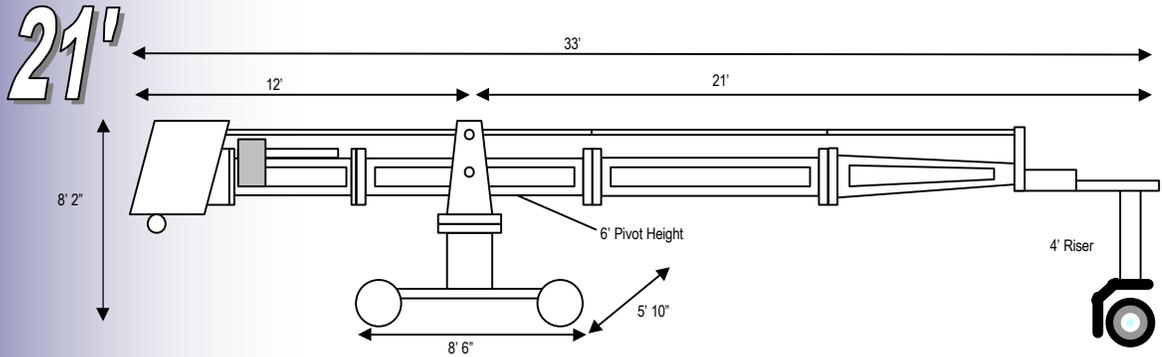
Of course the Aquacrane™ has all the details you want for working on the water. Things like oversized tie down points and wide based jacks to insure stability if the weather gets rough. Powder coated aluminum construction for easy maintenance when things get wet and lots of options for building the crane and setting the lens depth to get the results you are after. The Aquacrane™ is completely unique. From nose to tail, it's the only crane truly designed for the challenges of underwater filming.



AQUA

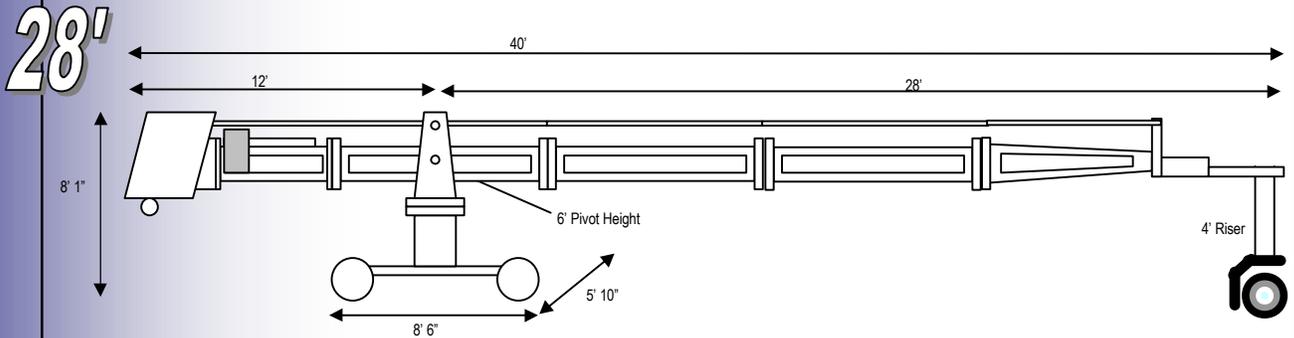
AQUACRANE

Technical Summary



If the riser is set to put the lens 6' under the water, the lens can be raised to 9' above water.

Nose	116	Back Leveling Rod	27
Nose Leveling Section	250	Weight Bucket	226
Front Level Rod	25	Post	342
Front Section	185	Base	430
Front Level Rod	30	Electronics Box	125
Fulcrum	420	Weights	832
Traveling Weight Section	430	Total Weight	3758



If the riser is set to put the lens 6' under the water, the lens can be raised to 13' above water.

Nose	116	Back Leveling Rod	27
Nose Leveling Section	250	Weight Bucket	226
Front Level Rod	25	Post	342
Front Section	185	Base	430
Front Level Rod	30	Electronics Box	125
Fulcrum	420	Weights	832
Additional Front Section	185	Additional Front Rod	25
Traveling Weight Section	430	Total Weight	3968



Phoenix

PHOENIX

HEIGHT

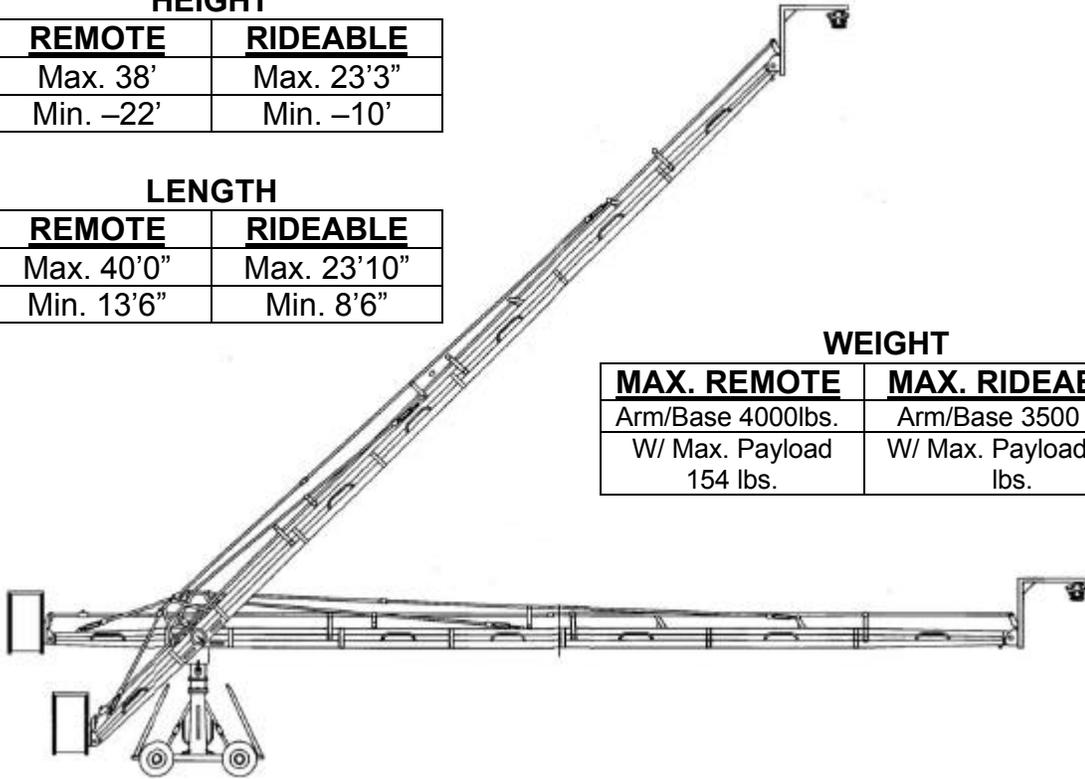
REMOTE	RIDEABLE
Max. 38'	Max. 23'3"
Min. -22'	Min. -10'

LENGTH

REMOTE	RIDEABLE
Max. 40'0"	Max. 23'10"
Min. 13'6"	Min. 8'6"

WEIGHT

MAX. REMOTE	MAX. RIDEABLE
Arm/Base 4000lbs.	Arm/Base 3500 lbs.
W/ Max. Payload 154 lbs.	W/ Max. Payload 506 lbs.



Arm Pieces		Bucket		Track
Length	61" - 86"	Width	2'9" (33")	39" Wide Round Track
Width	1'3" 3/4 (15 3/4")	Height	2'9" (33")	
Height	10"	Depth	1'5" (17")	Set-Up Time
Weight	65 - 85 lbs.	Weight	125 lbs.	Approx. 30 min. with two people
Pieces	8			
Arm Clearance		Weights		Transport Vehicle
Width	1'3" 3/4 (15 3/4")	85 Large @32 lbs.		Trailer
Height	14" - 24"	2 Small @ 16 lbs.		
Nose		Base		Transportation Weight
Length	2'5" (29")	Length	5'6 1/2" (66 1/2")	Approx. 6500 lbs.
Width	10"	Width	4'11 1/4" (59 1/2")	
Height	3' (36")	Height	6'5" (77")	
Weight	25 lbs.	Weight	225 lbs.	



Felix

HEIGHT

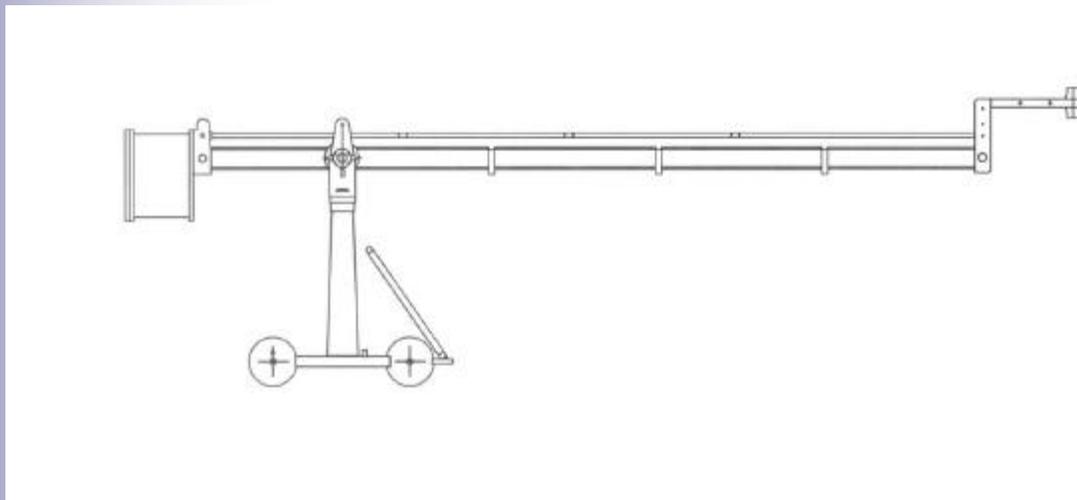
REMOTE	RIDEABLE
Max. 14'	Max. 11'7"
Min. 11'7"	Min. 9'

LENGTH

REMOTE	RIDEABLE
Max. 13'10"	Max. 10'3"
Min. 10'6"	Min. 7'

WEIGHT

REMOTE	RIDEABLE
Arm/Base 1000 lbs.	Arm/Base 1000 lbs.
With Max. Payload 132 lbs.	With Max. Payload 286 lbs.



Arm Pieces		Base		Nose		Bucket	
Length	3'	Length	4' 1" (49")	Length	2' 1.5"(25.5")	Width	2' (24")
Width	5"	Width	Approx. 2' 4" (28")	Width	7"	Height	1' 10.5" (22.5")
Height	5"	Height	5' 3" (63")	Height	1' 5" (17")	Depth	1' 3" (15")
Weight	23 lbs.	Weight	79 lbs.	Weight	15 lbs.	Weight	48 lbs.
1 main Piece 3 3'		Arm Clearance		Weights		Transport Vehicle	
		Width	7"	30 Large @ 32 lbs.		Pick-Up or Larger	
Track		Height	17 1/2"	25 Small @ 16 lbs.		Transportation Weight	
24.5" Round Track						Approximately 1300 lbs.	

Set-Up Time is approximately 20 minutes with two people.





REMOTE HEADS



HotHead

VERY HOTHEAD

Very HotHeads set up faster and make it easier to get the shot. Instead of 10 or more cables necessary to run other remote heads, the Very HotHead uses a single umbilical cable. With newly redesigned bearings in Pan & Tilt, the Very HotHead offers the camera a stiff and smooth platform. Panadamping™, the electronic damping system exclusive to the Panavision digital handwheels, makes operating the camera feel more like using a Panahead. Other Very Hothead exclusives are Wireless FIZ, the QuikChek balance system, and the Hot Stick head-mounted joystick, which makes moving the camera for viewing, reloads, or balancing quick and simple. The Very HotHead can also be operated by PanBar or Hand Held operating devices. The head runs all day on AC but can be battery powered if necessary.

SPECIFICATIONS

Weight	60 lbs
Height	27"
Width	15"
Depth	11"
Maximum recommended balanced load	80 lbs
Maximum speed	2.5 seconds per revolution
Minimum speed	17 minutes per revolution
Regular power supply	AC for camera, video and head (batteries available)



PACKAGE INCLUDES

HotHead II with built in head-mounted joystick, QuikChek balancing system, Preston FIZ, console with built in handwheels featuring Panadamping™, one 14" color and one 9" black and white monitor, witness camera and all brackets, cables and accessories necessary for normal operation.

OPTIONS

The DutchPlus 3rd axis head for dutch or nodal full roll capability, intercoms, joystick console, Sideway™, the revolutionary 4th axis adapter, and the PanBar or HandHeld Remote Head controller.



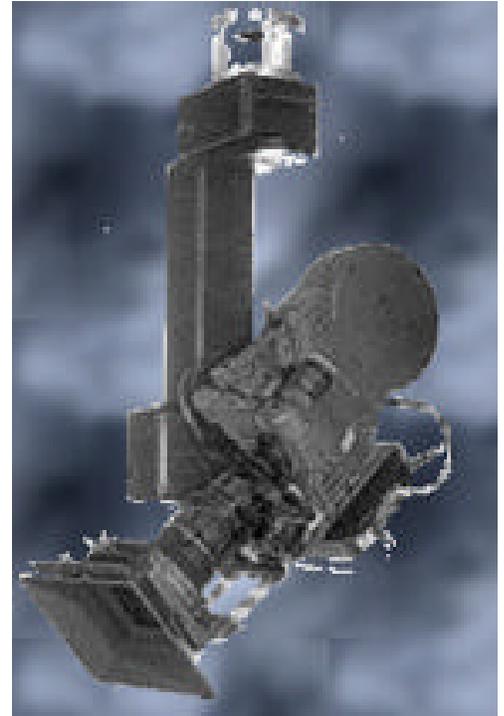
PowerPod

POWER POD



FEATURES

- Rotates 360' with most cameras
- Can be used with 1000' film magazines
- Rotates a continuous 360' Pan & Tilt with lenses up to 10:1
- Smooth pan and tilt with your choice of handwheel, joystick, or panbar.
- CL battery pack and chargers for reliable, long lasting power
- Includes FIZ, witness cam, monitors, and wheeled console.
- Works on all types of crane arms
- Smooth, silent performance
- Can be used with the DutchPlus 360 for 3rd axis
- Can be used with a variety of motion picture and video cameras



SPECIFICATIONS

Weight	40 lbs
Height	1'7"
Width	11.25"
Depth	1'5"
Maximum recommended balanced load	80 lbs
Maximum speed	3 seconds per revolution
Minimum speed	16 minutes per revolution
Regular power supply	12, 24, 30 vDC



Hot Shot

NEW upgrade! The only HOTSHOT with slip rings on pan *and* tilt. The HotShot is an efficient head specifically designed for lightweight film and video cameras. It mounts on any crane arm, camera car or pipe rig. If you are working on a budget, this head offers most of the big guy tricks at a significantly reduced price.

PACKAGE INCLUDES

HotShot head with built in head-mounted joystick, QuikChek balancing system, operator's console featuring handwheels with Panadamping™, Bartel focus system and all necessary cables for normal operation.



OPTIONS

Joystick console with built in video focus, and zoom, wired or wireless intercoms, Sideway™, the revolutionary 4th axis adapter, and the PanBar Remote Head controller..

SPECIFICATIONS

Weight	43 lbs
Height	24"
Width	14"
Depth	7"
Maximum recommended balanced load	55 lbs
Maximum speed	2.5 seconds per revolution
Minimum speed	17 minutes per revolution
Regular power supply	AC for head, battery available



Hydro HEAD

The **HYDROHEAD** from HydroFlex, Inc. is a waterproof remote pan and tilt head. The 2-axis analog head uses underwater mateable connectors and is depth rated to 150 feet. An optional "L" bracket allows for mounting a standard Panavision or Arri camera package in a splash bag for surface work.

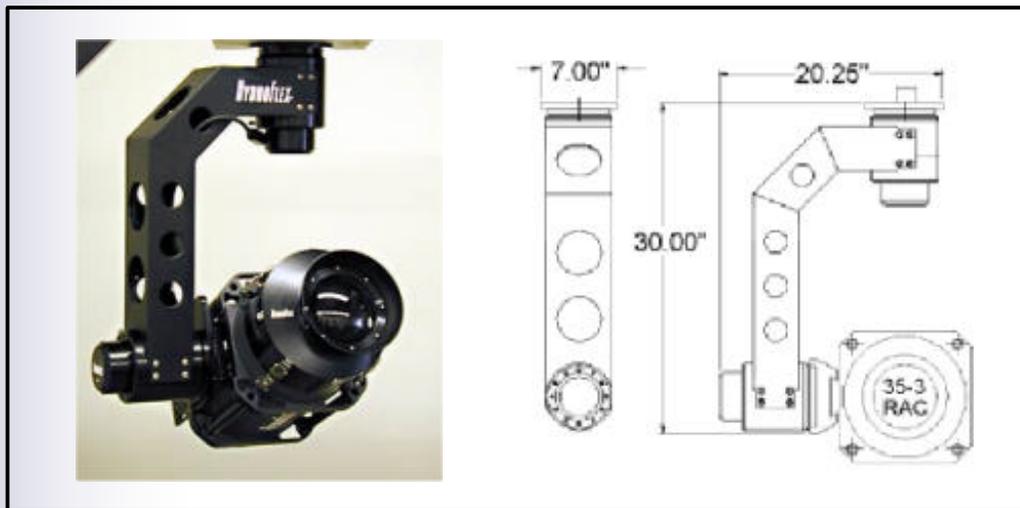
The HYDROHEAD system uses PowerPod electronics and offers the operator complete familiarity and reliable operation.

A dovetail balance plate is built into the tilt rotator to accommodate a wide variety of prime and zoom lenses including the Panavision Primo Macro Zoom. Also, a large selection of camera combinations and HydroFlex custom splash bags can be fitted for above water shooting in wet situations.

The perfect complement for the Aquacrane.

SPECIFICATIONS

Weight in Air	52 Lbs.
Weight in Water	45 Lbs.
Height	30"
Width	20.25"
Depth	7"
Operating Depth	150 Feet
Regular power supply	110/240vAC or 48vDC



HOLLYWOOD HEAD

MOTION CONTROL HEAD

The **Hollywood Head** is the fastest motion control head available. It is capable of pans and tilts at speeds up to 180 degrees per second.

Its direct drive servo motors are sync sound silent and totally error free. Infinite hand wheel gearing provides perfectly smooth moves with an accuracy that allows the use of lenses as long as 5000mm!

In addition to regular hand wheel operation the Hollywood Head can be panned and tilted manually at the head, while recording all the moves for playback.

It handles the largest camera/lens packages with ease. It will swing a Panaflex with 11 to 1 zoom and rear mounted 1000' magazine without obstruction. Total weight capacity is 200 pounds. The open construction insures quick and easy film changes.

The package includes a Preston FIZ lens control system interfaced to the motion-control so that you can set the shot using the standard Preston hand unit and play it back (after editing if desired) under motion control.

The Hollywood head is fast to setup and operate too. Camera power, four video lines, time code, shutter pulse and serial port signals pass through pan and tilt slip-rings allowing an unlimited number of revolutions without cumbersome cabling. One single main cable connects the head to the fully integrated control console for no hassle set up.



Features

- Motion Control Head
- For use with lenses up to 5000mm
- 200 pound weight capacity
- Integrated FIZ



E-Gears

ADVANTAGES OF E-GEARS

- A great low cost alternative to a full on remote head.
- A great way to move the camera operator out of danger
- Allows remote operation in tight spaces.
- Record & playback of move gets you simple effects elements without added cost or complication
- Step & direction inputs mean E-Gears can be used as a motion control head for more complex shots.
- Setup takes less than 5 minutes!
- Memory Data can be output as Maya Data.



E-Gear Console Unit

- Gear ratios may be adjusted on the fly for both pan and tilt axes. (1/3 to 3/1)
- Camera can be started and stopped directly from the console.
- Up to 60 seconds of motion capture and playback is possible with E-Gears.
- Playback Memory is saved even when the battery is disconnected.

E-Gear Mitchell Base Console



Console utilizes the standard Mitchell Mount.

E-Gear Motor Unit



High Precision and High Reliability.



360

DUTCHPLUS 360

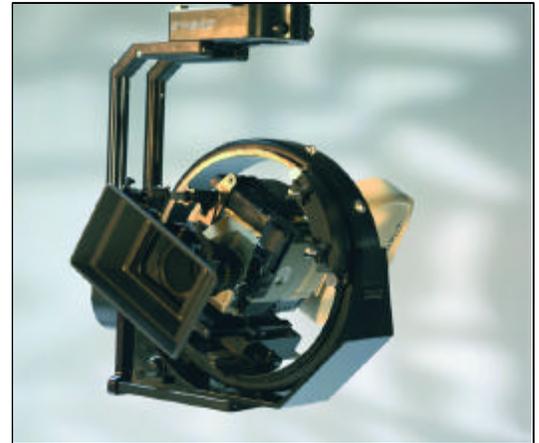
Remotely duth or rotate virtually any camera on any head. The DutchPlus 360 is an add-on roll head that mounts on any fluid, gear or remote head to give you complete freedom of camera rotation (on optical axis) in a lightweight, remote controlled package.

The DutchPlus 360 controller features a digitally controlled handwheel to ensure smooth and precise movement. The DutchPlus 360 is so easy to mount and balance that you don't have to hire a special technician. We'll happily train your production personnel in the simple set up procedures.

Now available with Encoder Outputs.

SPECIFICATIONS

Dimensions	19.5" x 19.5" x 6"
Shooting weight	28.5 lbs.
Shipping weight	112.5 lbs.
Load capacity	80 lbs.
Power supply	110AC or 24vDC
Max Speed	180 degrees/second
Min Speed	1 rotation/10 minutes



CAMERA SPECIFICATIONS

The DutchPlus 360 works with virtually any 35mm, 65mm, 16mm, or video camera. Please inquire for package recommendations.

PACKAGE INCLUDES

DutchPlus main rotation unit, electronic control unit, 100' of operating cables, custom spacer plates that instantly mount virtually any camera properly centered on lens axis.



4th

Axis SIDEWAY

SIDEWAY – THE 4TH AXIS ADAPTER

If you've ever pointed a camera straight up or down, and then tried to pan left or right, you know it can't be done. That's because when the camera is tilted down, the pan axis acts as a 2nd roll axis (see figure 1). As a result, the camera is severely limited in its movement.

Sideways is the unique answer to panning with the camera near vertical. It's an add-on unit bolted to any gear, fluid or remote head which restores the ability to pan the camera left and right under any circumstances (see figure 2). Sideways operates independently of the regular head using its own remote control to give you upto 45 degrees of left or right movement. The unit weighs only 10 pounds and adds about an inch of height to the camera.

Sideways is a lifesaver for other problem shots as well. Because it's so compact and easy to set up Sideways is being used to pan the camera in very tight spaces where no other head will fit. Think of it for car interiors as well as a safe way to pan the camera any place you don't want to risk an operator. Sideways is patent pending and available only from Panavision Remote Systems.

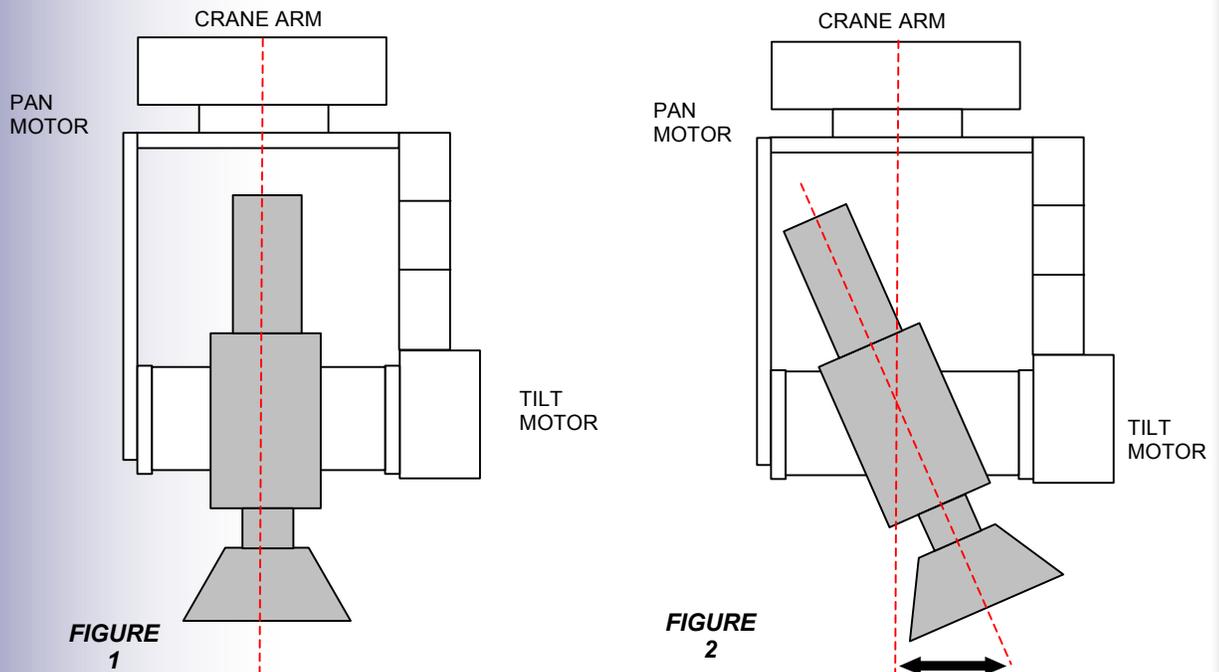


FIGURE 1

FIGURE 2

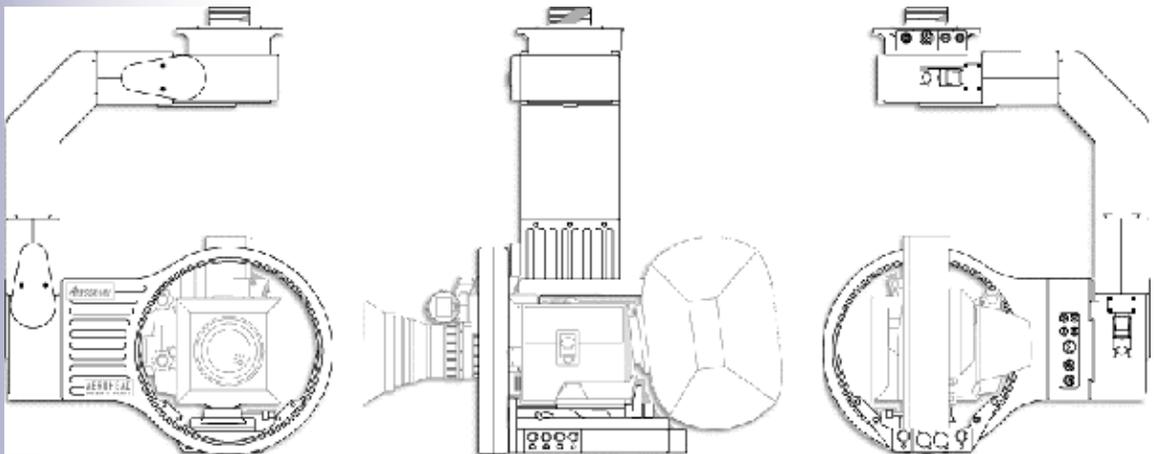


AEROHEAD

AEROHEAD

The Aerohead, a three axis digital remote head, is lightweight and features continuous three-axis movement.

- Balanced
- Compact
- Modular
- Free-wheeling rotators for easy camera set-up
- Powerful motors & gear trains
- Capable of handling film and video packages
- Preston Lens and Camera control
- Record and playback multiple takes
- Programmable speed, smoothness and limits
- Motion control ready
- Optional wireless operation





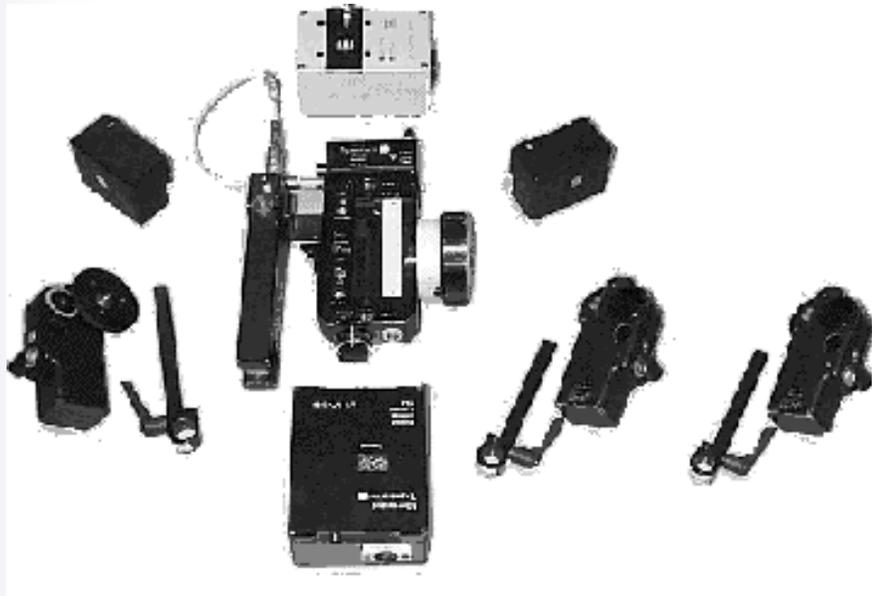
ACCESSORIES



FIZ PRESTON F.I.Z.

Preston FIZ -- Microwave Focus, Iris, and Zoom control. Remote Systems units are equipped with Hill mounting brackets, spare cables, batteries, chargers, and more. MDR mounts are available for most cameras in handheld mode.

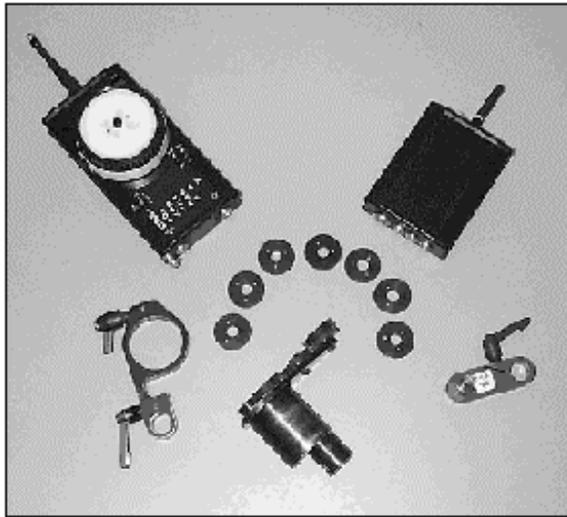
All our Preston FIZ units come complete with a full compliment of cables, gears, and brackets.



BARTECH

BARTECH FOCUS

Bartech Focus System -- Bartech Wireless focus units offer a low cost alternative when you only need remote focus or iris control. Comes complete with HEDEN motor and all necessary brackets and cables.



SLIDER

SLIDER



25" & 34" Models Available

The "Slider" is a linear motion camera mount that provides camera operators the freedom to make instantaneous adjustments during the shot. This highly evolved camera-repositioning tool mounts between the dolly and any fluid or gear head. It allows the camera operator to slide or move the camera sideways to compensate for actors moving during a shot or to make subtle "dolly" moves.

SLIDER ADVANTAGES

- The Slider moves silently without fear of bearing noise ruining the shot.
- The Slider starts and stops perfectly every time. A better bearing technique gives you perfect bump-free starts.
- The Slider has a built in pan bearing that lets you rotate the base instantly to any angle.
- The Slider's 25 inches of movement allows you to slide the camera up to 12.5 inches left or right of center (34" model). You can easily position the camera at the edge of the dolly tracks for "walk 'n talks".
- The Slider can be set on the ground (or a tabletop) or inside a car for "impossible" 24-inch dolly moves.
- The Slider can be mounted as a nose extension for low-angle shots with a Weaver Steadman or Cartoni.
- The Slider gives the operator more control over the shot. It can save a take or help you make an OK shot into a perfect one.

"I love this new Slider. It allows for small corrections in getting an over-the-shoulder when the actors haven't landed on their marks."

-Stephen Lighthill ASC in
"Operating Cameraman" magazine



MOTORIZED SLIDER

MOTORIZED SLIDER

New 18" Baby Motorized Slider now available!!



SPECIFICATIONS

Travel	60"
Top speed	12 inches/second.
Weight capacity	100 lbs.
Mounting	Mitchell or 3/8" bolt
Controls	Radio or Hardwired
Power	AC or Battery

Places the camera 2" from mounting surface

PHYSICAL SPECIFICATIONS

Length	78"
Width	13.5"
Height	4"

HANDYHEAD – Ultra Mini Remote Head



The all-new HandyHead was designed to provide ample camera movement from an ultra-compact package. The HandyHead allows for both tilt and pan and integrates perfectly with the Motorized Slider. When paired together, this combination provides total control in places you only dreamed of.

Tilt Range:	30 deg.
Pan Range:	30 deg.
Max Recommended load:	35 lbs

Panavision Remote Systems
(818) 316-1080



PANBAR

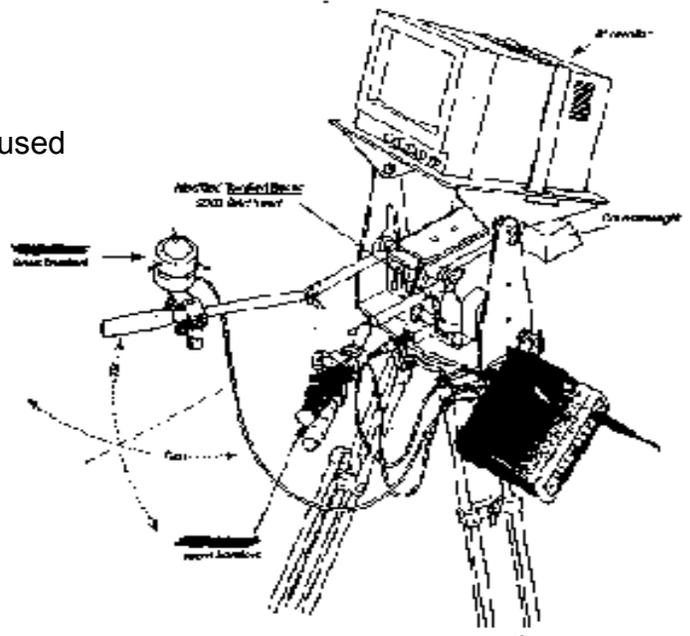
PANBAR

PanBar -- An alternate to the handwheels. Uses your favorite fluidhead to control a remote head.

Several models available. Can be used with Panavision Remote Systems:

- PowerPods
- HotHeads
- Technocranes
- Super Technocranes
- Hotshot

***Not for use with camera cars.*



HAND HELD

HAND HELD & BELLY MOUNT Controllers-

Provide unique methods of operating remote heads to give your shots that "hand held" look and feel.



INTERCOMMS

Our 5-drop wireless intercom systems ensure that everyone is fully aware of what is going on in the shot.

