



SHOTOKU
BROADCAST SYSTEMS
2020 PRODUCT CATALOG
MANUAL CAMERA SUPPORT



SUPPORT 360, CHOOSE YOUR POINT OF VIEW.

WELCOME TO SHOTOKU!

For our valued customers of Shotoku, I humbly thank you on behalf of our company for your continued support. We celebrate over 75 years in the industry, a milestone that has only been made possible because of each and every single one of you. We plan to continue to provide what we call the Shotoku experience, renowned in our industry for the exceptional quality and world class customer support, which we seek to constantly better.

We are proud to continue to promote our global company concept, Support 360, a concept that has led us to remain successful to this day in our domestic market in Japan. Too often in this industry, a sale is made and the customer is forgotten unless another sale is visible on the horizon. We find this to be a truly disappointing trend. We take pride in not only providing the best-possible product, but also the best overall experience. Simply said, we live to see our customers happy, especially unexpectedly so.

For those new to Shotoku, our culture is one based simply on sincerity and integrity. We see the best customer service we can provide as one where you do not need to contact us because everything works. And if ever you require our support at any time, we look to be there before you expect it and aim to resolve the issue before it becomes a concern. Our customers' experience exemplifies our philosophy – just ask any Shotoku customer!

Warmest regards,

Tony Hanada
Managing Director
Shotoku Corporation



CUSTOMER

We put custom in customer. Every system precisely configured to exceed technical, financial and operational expectations.



PRODUCT

Built to perform and last. Intelligently engineered to maximize assets, minimize investment and increase production values.



INSTALLATION

Each installation tailored to suit. Skilled engineers commission and deliver seamlessly integrated solutions.



AFTER CARE

Support. Around the clock. Around the world.
Our products and service reflect our dedication to excellence.



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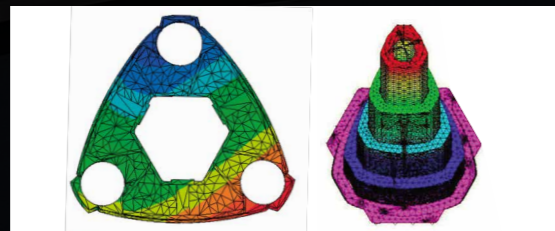
SHOTOKU TECHNOLOGY

Silent Air Balance System



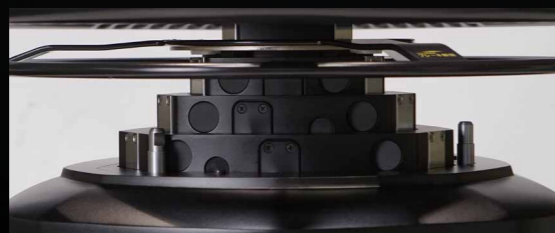
Using the power of low pressure air technology, the Shotoku air balance system provides smooth and silent on-shot stroke movement of kit payloads as heavy as 105kg / 281lbs. Effortlessly pedestal up, stop, and pedestal down with our perfect balance system which offers zero unwanted vertical movement even if the operator happens to let go of the steering ring.

Rigid “Round-Triangle” Design



Considered to be one of the most rigid column designs in the industry, the “round-triangle” provides an extremely stable platform allowing the pan/tilt head to provide accurate camera framing.

Four-Stage Column



Achieved by combining a complex and precise system of high-tension cables and made possible by the rigidity of the “round-triangle” column design, the four-stage column boasts 1,000mm / 3’3” of on-shot stroke making it a leader in pedestal on-air elevation.

PEDESTALS

Studio and OB Pedestals



TP-80

Four Stage Pedestal



The Shotoku TP-80 is designed for camera systems weighing up to 105 kg (including Pan & Tilt Head) in high-end studios worldwide.

A four-stage column provides the maximum camera height range giving the lowest shooting angles through to the highest, helping you to produce more creative shots for all television programs. The TP-80 utilizes Shotoku's unique low air pressure technology (less than 0.97MPa) which offers significant advantages in safety, is easier to fill with air as no compressed air cylinders are needed, and provides a longer service life compared with conventional air pedestals.

Shotoku's unique column brake handle is fitted as standard on the TP-80 allowing secure tilt operation without the risk of unwanted vertical column movement. It is easily engaged and disengaged with one hand without needing to look down to locate a lever.

MAX. PAYLOAD	105kg / 231lbs
MAX. HEIGHT	1,499mm / 59"
MIN. HEIGHT	499mm / 20"
ON-SHOT STROKE	1,000mm / 39"
TRACKING WIDTH	911mm / 36"
TRANSIT WIDTH	848mm / 33"
WEIGHT	187kg / 412.2lbs including trim weights
GROUND CLEARANCE	3~25mm / 0.1~1"
WHEEL DIAMETER	126mm / 5"
STEERING RING DIAMETER	700mm / 28"
INDIVIDUAL TRIM WEIGHT (x6)	0.74kg / 1.6lbs
MOUNT	M70 Mitchell
SUITABLE HEAD	SG900, TE-23, TE-12



Available with mechanical tracking encoders inside for stunning virtual sets!

TP-90

Three Stage Pedestal



The TP-90 is perfectly suited for camera systems weighing up to 60kg (including pan & tilt head) in large or small studios where on air performance is critical. The three-stage height column provides a wide range of on-shot control, making it possible to reach shots suitable for almost any type of production. Like Shotoku's flagship, the TP-90 utilizes a unique low pressure air system to achieve perfect balance without the need for more hazardous high-pressure gas systems and specialist refill cylinders. The low pressure system also makes maintenance easy and less frequent.

A simple hand pump is all that is required to adjust the air balance if necessary and trim weights are supplied for fine adjustment. Shotoku's unique column brake ring is fitted as standard on the TP-90, ensuring that tilt operation does not create unwanted height movement. The height brake is easily and quickly controlled with one hand and, being a ring, is always quick to locate – there is no need to look down to find the control.

MAX. PAYLOAD	60kg / 132.2lbs
MAX. HEIGHT	1,508mm / 59"
MIN. HEIGHT	563mm / 22"
ON-SHOT STROKE	945mm / 37"
TRACKING WIDTH	793mm / 31"
TRANSIT WIDTH	729mm / 29"
WEIGHT	156.5kg / 344.3lbs
GROUND CLEARANCE	3~25mm / 0.1~1"
WHEEL DIAMETER	130mm / 5"
STEERING RING DIAMETER	610mm / 24"
INDIVIDUAL TRIM WEIGHT (x5)	0.74kg/1.6lbs
MOUNT	M70 Mitchell
SUITABLE HEAD	TE-23, TE-12, SX300



TP200

Two Stage Pedestal



The TP200 pedestal is ideal for studio operations where light to medium payloads are in use and where exceptional on-air control is demanded at all times. Air balanced, TP200 height control is smooth, silent, and effortless across its entire stroke range. With an ergonomically designed steering ring and large, stable base, the pedestal is easily and comfortably maneuvered within studios. Colored positive action crab /steer foot-pedal and parking brake make control of any setup intuitive and easy.

Other features such as a simple slide adjust cable guard management system, easy-access wheel cleaning windows, integrated trim weight storage, and the ability to add air using only a hand-operated air pump make the TP200 the perfect choice for studios everywhere.

MAX. PAYLOAD	80kg / 176.3lbs
MAX. HEIGHT	1,460mm / 57.5"
MIN. HEIGHT	690mm / 27.2"
ON-SHOT STROKE	770mm / 30"
TRACKING WIDTH	1,015mm / 40"
TRANSIT WIDTH	898mm / 35"
WEIGHT	92kg / 202.8lbs
	including trim weights
GROUND CLEARANCE	1~23mm / 0.04~0.9"
WHEEL DIAMETER	130mm / 5"
STEERING RING DIAMETER	660mm / 26"
INDIVIDUAL TRIM WEIGHT (x6)	0.6kg / 1.3lbs
MOUNT	4-Bolt Flat Base
SUITABLE HEAD	SG900, TE-23, TE-12, SX300

Shotoku is well known for robotic products too! Attach a Ti-12 iHeight to any pedestal for robotic height control!



High payload to weight ratio means easy maneuverability even with heavier kits

Column drag and lock functions for extra control and security

Two stages for a long on-shot stroke to easily capture a wide range of shots

Smooth and silent telescopic steering shaft

Perfect balance low-pressure air balance system for precise framing and professional quality

Simple slide adjust system for rapid cable guard positioning

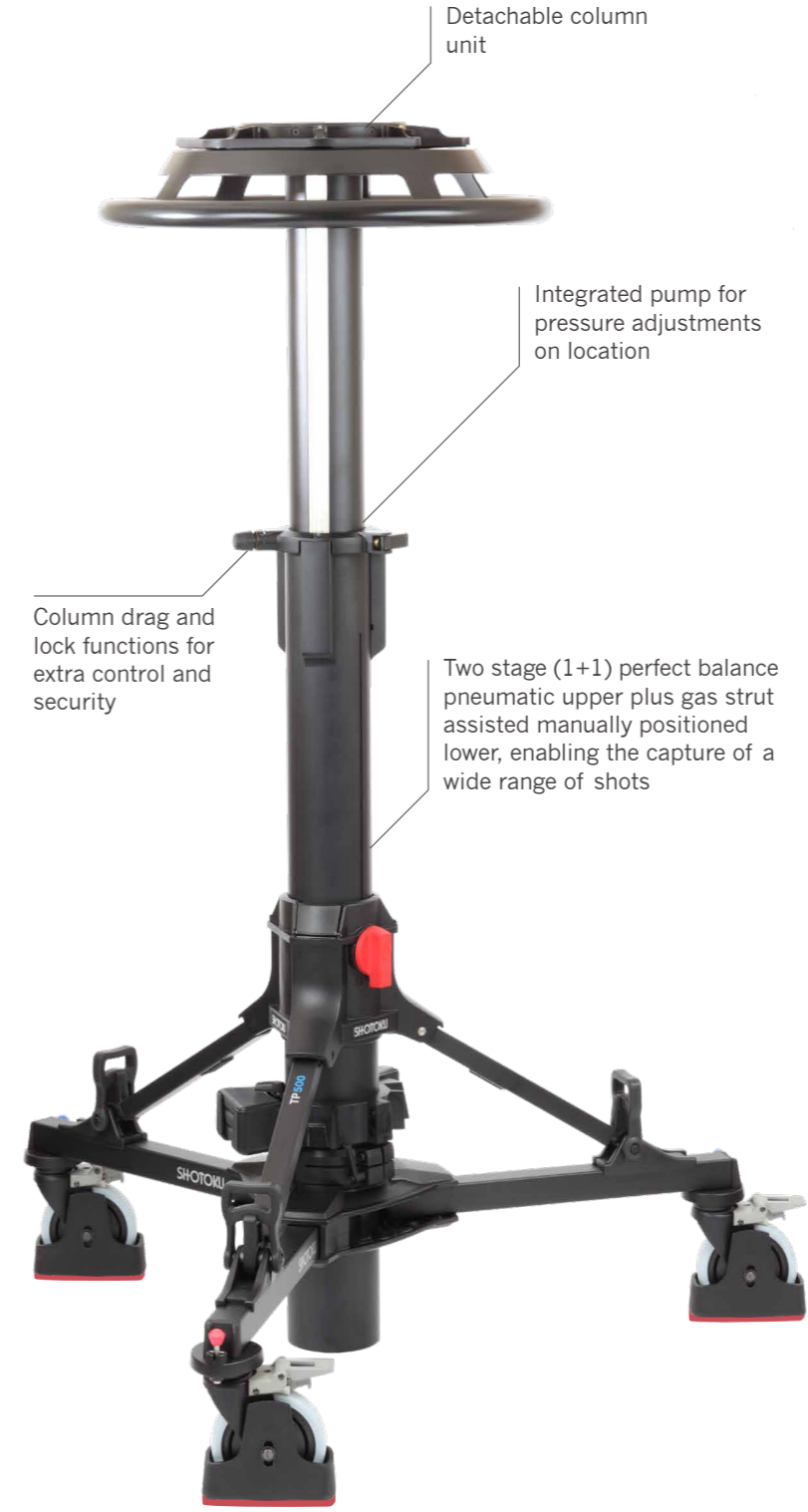
TP500

Two Stage Pedestal



The Shotoku TP500 is a compact, lightweight, portable pneumatic pedestal capable of supporting payloads of up to 55 kg (121.2lbs). Suitable for OB, studio, or event production, the robust modular design makes transportation between locations simple with no compromise in stability or quality of operation.

Unique to the TP500 is an integrated inflation pump which offers owners freedom and peace-of-mind knowing their pedestal will be perfectly balanced regardless the location. With a wide stroke, column drag and lock functions, and folding dolly with and track lock, the TP500 is the perfect solution for users whose priority is versatility.



Detachable column unit

Integrated pump for pressure adjustments on location

Column drag and lock functions for extra control and security

Two stage (1+1) perfect balance pneumatic upper plus gas strut assisted manually positioned lower, enabling the capture of a wide range of shots



Combine with SX300 head



TZ-63 100mm ball adaptor

MAX. PAYLOAD	55kg / 121.2lbs
MAX. HEIGHT	1,485mm / 58.5"
MIN. HEIGHT	670mm / 26.4"
OVERALL STROKE	815mm / 32.1"
ON-SHOT STROKE	405mm / 15.9"
TRACKING WIDTH	950mm / 37.4"
TRANSIT WIDTH	860mm / 33.9"
WEIGHT	27kg / 59.5lbs
GROUND CLEARANCE	20mm / 0.8"
WHEEL DIAMETER	125mm / 5"
STEERING RING DIAMETER	535mm / 21.1"
INDIVIDUAL TRIM WEIGHT (x6)	0.5kg / 1.2lbs
MOUNT	4-Bolt Flat Base
SUITABLE HEAD	SX300, SX260, SX200

Detach and fold the dolly for compact storage and easy transport to remote locations



SHOTOKU TECHNOLOGY

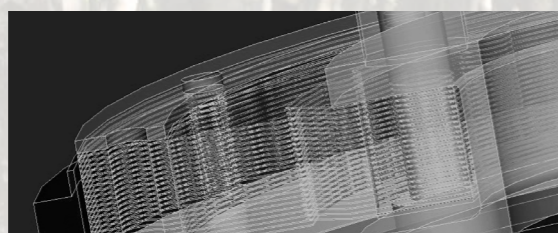
TRUEBALANCE

Perfect Stepless Counterbalance



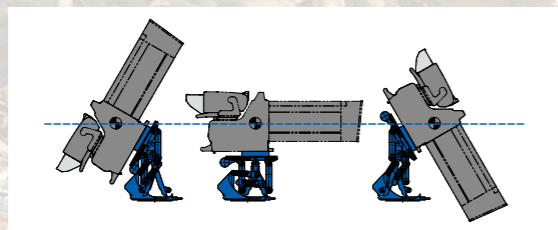
Considered to be one of the best performing counterbalance systems on an ENG head, Truebalance delivers perfect counterbalance, has an intuitive display to indicate the current setting, and is easy to adjust. With Truebalance, your shot movement stops when and where you want it, every time.

Viscam Fluid-Leaf Drag



Viscam is a continuously adjustable fluid-leaf drag mechanism utilizing advanced composition silicone grease to offer smooth and precise pan and tilt camera movement over a wide range of operating temperatures. This gives camera operators effortless control to create the perfect shot.

Reulaux Perfect Balance



Adapted from the elegant concept developed by the German scientist by the same name, Reulaux Perfect Balance utilizes a unique roller system to keep the payload centre of gravity at a constant height throughout the tilt range and deliver perfect balance and effortless control along an incredibly wide range of payloads.

HEADS

Studio and Field Heads





Sleek, powerful design for studio and field applications

Continuously adjustable Reulaux perfect balance system for effortless tilts even with kits weighing upwards of 90kg

SG900

Heavy-Duty Studio / OB Head



PRODUCT



Tilt drag and tilt lock



Pan and tilt brake controls

Sporting our patented Reulaux perfect balance system, the SG900 achieves perfect balance and effortless control over an incredibly wide range of payloads. In contrast to spring-balanced systems, the Reulaux system features the added benefit of maintaining a constant height throughout the tilt range meaning the camera optical center never changes. This is because of the Reulaux design unique roller system which keeps the head's center of gravity constant. Balance is adjusted by turning the counterbalance knob located near the camera operator, along with all other key controls such as locks and drag adjusters.

The SG900 supports up to 90kg (198.4lbs) and is ideal for all Studio and OB setups including heavy box lenses with teleprompters and talent monitors. The head also features VISCAM drag technology, our unique continuously adjustable fluid drag system, making every pan and tilt motion silky smooth from start to finish.

MAX. PAYLOAD
PAN / TILT RANGE
PLATFORM ADJUSTMENT

COUNTERBALANCE
DRAG

TEMPERATURE RANGE
CAMERA FIXING
SUITABLE PAN BAR
BUBBLE LEVEL
WEIGHT
MOUNT

SUITABLE TRIPOD/PEDESTAL

90kg / 198.4lbs
360° / ±60°
Forward: 63mm / 2.48"
Backward: 17mm / 0.67"
Reulaux Perfect Balance
Viscam Continuously Adjustable Fluid-Leaf System
-40°~60°C / -40°~140°F
V-Wedge (TA-74)
TJ-38D/E, TJ-59, TJ-60
Illuminated
18.5 kg / 40.70lbs
4-Bolt Flat Base or
M70 Mitchell
TT-17, TT-64,
TP-80, TP200





V-wedge camera plate (TA-74) for fast and secure setup

Continuously adjustable Reulaux Perfect Balance System for effortless tilts even with kits weighing upwards of 60kg

Lightweight frame and built-in carry handle for easy transport to and from location.

M70 Mitchell flat mount for large OB kit.



V-wedge camera plate (TA-74) with integrated balance adjuster storage for fast and secure setup

Simple cam system to minimize head weight and maximize durability.

Highest max payload-to-weight ratio in class.

TE-23

Heavy-Duty Studio / OB Head



Pan drag, Illuminated level



Center of gravity adjust

Similar to the SG900, the TE-23 is equipped with the Reulaux perfect balance system making smooth, perfectly balanced professional tilts not only possible, but incredibly easy. Simple adjustment of the counterbalance knob is all it takes to achieve perfect camera balance regardless of the payload.

The TE-23 supports 60kg (132.2lbs) and is ideal for all Studio and OB setups including heavy box lenses with teleprompters and talent monitors. The head also features Viscam drag technology, our unique continuously adjustable fluid drag system, making every pan and tilt motion silky smooth from start to finish.

MAX. PAYLOAD
PAN / TILT RANGE
PLATFORM ADJUSTMENT

60kg / 132lbs
360° / ±60°
Forward: 66mm / 2.6"
Backward: 15mm / 0.6"

COUNTERBALANCE DRAG

Reulaux Perfect Balance Viscam Continuously Adjustable Fluid-Leaf System

TEMPERATURE RANGE

-40° ~ 60°C / -40° ~ 140°F

CAMERA FIXING

V-Wedge (TA-74)

SUITABLE PAN BAR

TJ-38D/E, TJ-59, TJ-60

BUBBLE LEVEL

Illuminated

WEIGHT

15.5 kg / 34.1lbs

MOUNT

4-Bolt Flat Base or M70 Mitchell

SUITABLE TRIPOD/PEDESTAL

TT-17, TT-64, TP-80, TP-90, TP200

TE-12

Heavy-Duty Studio / OB Head



A variety of cams



Operator-side controls

The TE-12 features a simple and highly reliable design, the result of years of experience in the field. Weighing only 12.3kg (27.1lbs) yet supporting payloads up to 90kg, the TE-12 impressive weigh-to-payload ratio has made it an extremely popular with studio and OB camera crews alike.

Perfect balance through self-aligning rollers and Shotoku precision cam mechanisms means payload centre of gravity height remains constant throughout tilt operation making even the heaviest payloads effortless to control.

Unique to the head is the Shotoku cam protection function. Using this system, cams can be safely and quickly exchanged even with a camera, lens, and accessories on the head throughout the procedure.

MAX. PAYLOAD
PAN / TILT RANGE
PLATFORM ADJUSTMENT

90kg / 198.4lbs
360° / ±62.5°
Forward: 70mm / 3"
Backward: 135mm / 5"

COUNTERBALANCE DRAG

Reulaux Perfect Balance Viscam Continuously Adjustable Fluid-Leaf System

TEMPERATURE RANGE

-40° ~ 60°C / -40° ~ 140°F

CAMERA FIXING

V-Wedge (TA-74)

SUITABLE PAN BAR

TJ-38D/E, TJ-59, TJ-60

BUBBLE LEVEL

Illuminated

WEIGHT

12.3kg / 27.1lbs

MOUNT

M70 Mitchell

SUITABLE TRIPOD/PEDESTAL

TT-17, TT-64, TP-80, TP-90, TP200



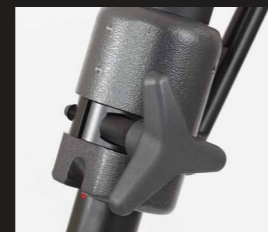
TT-17 TT-64

Heavy-Duty Studio / OB Tripods

Shotoku studio/OB tripods employ a unique single coaxial tube structure ideally suited for camera systems using SG900, TE-23 or TE-12 heads.

Both the TT-17 and TT-64 heavy-duty tripods use an ergonomically designed, simple leg extension lock system with a built-in robust mid-level spreader. The TT-17 is unique in that it uses an enhanced rust-proof steel lower tube providing even higher levels of rigidity. The TT-64 full aluminum tripod provides rigid support in a lightweight package.

MODEL	TT-17	TT-64
MAX. PAYLOAD	130kg / 286.6lbs	100kg / 220.5lbs
MAX. HEIGHT	1,253mm / 49.3"	1,272mm / 50.1"
MIN. HEIGHT	653mm / 25.7"	645mm / 25"
TRANSPORTATION LENGTH	841mm / 33"	835 / 33"
EXTENSION	Single	Single
WEIGHT	12.2kg / 26.9lbs	9.4kg / 20.7lbs
MATERIAL	Aluminum (upper) Rust-proof steel (lower)	Aluminium
TUBE DIAMETER	Ø45(upper), Ø35(lower)	Ø40(upper), Ø32(lower)
MOUNT	M70 Mitchell	M70 Mitchell
SUITABLE HEAD	SG900, TE-23, TE-12	SG900, TE-23, TE-12
SUITABLE DOLLY	TD-13, TD-32	TD-13, TD-32



Large, secure locking



Integrated spike/footpad

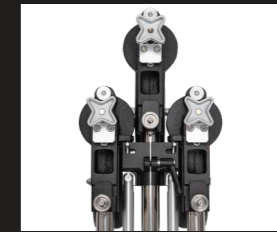
TD-13 TD-32

Heavy-Duty Studio / OB Tripods

The TD-13 and TD-32 heavy duty dollies are robust, easy to maneuver and fold away for compact storage when necessary.

TD-13 and TD-32 are designed for virtually any studio / OB camera and tripod systems.

MODEL	TD-13	TD-32
MAX. PAYLOAD	140kg / 308.6lbs	140kg / 308.6lbs
MAX. WIDTH	1,176mm / 46"	1,240mm / 49"
WEIGHT	9.5kg / 19.8lbs	20kg / 44.1lbs
WHEEL DIAMETER	Ø127mm	Ø225mm
TRACK LOCK	Yes	Yes
BRAKES	Yes	N/A
SUITABLE TRIPODS	TT-17, TT-64	TT-17, TT-64



Easy fold-and-go system



Free or track-lock



Continuously adjustable perfect counterbalance system for effortless tilts.

Easy exchange between 4-bolt flat base, 150mm ball, M40 or M70 Mitchell mounts for maximum compatibility

Viscam fluid leaf technology inside



SX300

High-Performance EFP Head

The SX300 is an EFP pan and tilt head with exceptional performance ideal for a wide range of applications including field production, OB or studio use. A robust design with integrated perfect counterbalance is suited to today's portable camera systems with payloads up to 40kg (88lbs).

The head is fully equipped with many easily operated user controls including continuously adjustable drag, pan and tilt locks, and quick release sliding camera plate. Other features such as illuminated bubble level and removable pan bar mount make setup and maintenance of the head easy.

Two models are available to suit common lighter or middle-weight payloads: SX300L: 30kg / 66lbs or SX300H: 40kg / 88lbs



Counterbalance and Tilt Lock



Illuminated Bubble Level

MAX. PAYLOAD

SX300H: 40kg / 88lbs
SX300L: 30kg / 66lbs

OPTIMUM PAYLOAD

SX300H: 31kg / 68.3lbs
SX300L: 18kg / 39.6lbs

PAN / TILT RANGE

360° / ±90°

COUNTERBALANCE

Continuously Adjustable Perfect Balance

DRAG

Viscam Continuously Adjustable Fluid-Leaf System

TEMPERATURE RANGE

-40° ~ 60°C / -40° ~ 140°F

MOUNT

4-Bolt Flat Base, 150mm Ball, M40/M70 Mitchell Sliding Camera Plate

CAMERA FIXING

TJ-60 Telescopic Pan Bar Removable

SUITABLE PAN BAR

PAN BAR MOUNT

BUBBLE LEVEL

WEIGHT*

Illuminated
8kg / 18.7lbs (Flat base)
8.3kg / 19.4lbs (Ball base)

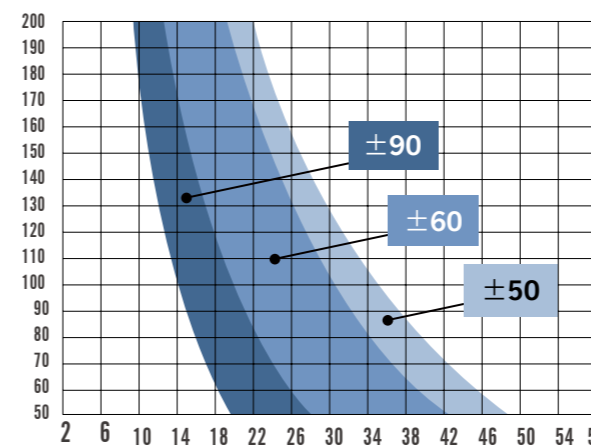


SX300 TTH1502C GL
* Left pan bar not pictured

SX300 TTH1502C ML
* Left pan bar not pictured

SX300/TP500

BALANCE / PAYLOAD CURVE



SX300 SYSTEM PACKAGES

SX300 TTH1502C ML

SX300 head including 2 telescopic pan bars + TTH1502C two stage carbon fibre tripod + TML150 mid-level spreader + TS150L case

SX300 TTH1502C GL

SX300 head including 2 telescopic pan bars + TTH1502C two stage carbon fibre tripod + TGL150 ground level spreader + TS150L case

SX300 TTH1502C DOL (Page 20)

SX300 head including 2 telescopic pan bars + TTH1502C two stage carbon fibre tripod + TD-73 dolly

SX300 / TP500

SX300 head including 2 telescopic pan bars + TP500 two stage pedestal

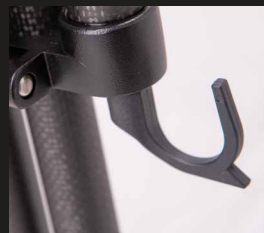
TTH1502C



PRODUCT

EFP Tripod

Shotoku's TTH1502C is a 150mm bowl, two-stage carbon fibre tripod designed specifically for demanding field applications where ease-of carry, rapid deployment, and high torsional rigidity are a must. The two-stage tripod is constructed in light-weight, highly rigid, carbon fibre and exceeds the needs of operators everywhere.



Storage Strap

Accessory Hook

MAX. PAYLOAD	90kg / 198lbs
MAX. HEIGHT	1,625mm / 63.9" with TGL150 floor spreader
MIN. HEIGHT	562mm / 22.1" with TGL150 floor spreader
TRANSPORTATION LENGTH	718mm / 28.2"
EXTENSION	Double
WEIGHT	5.9kg / 13lbs
MATERIAL	Carbon fibre
TUBE DIAMETER	Ø24(upper, mid), Ø20(lower)
MOUNT	150mm bowl
SUITABLE HEAD	SX300
SUITABLE DOLLY	TD-73

Mid-spreader + footpad or ground spreader options available



TML150 + FP150



Heavy-duty 150mm bowl

Lightweight EFP carbon fibre construction

Positive leg locks for quick, silent setups

Steel foot spikes for extended durability

TGL150

TD-73



PRODUCT

EFP Dolly

Easy to maneuver and fold away for compact storage and transportation, the TD-73 dolly is specifically designed to perfectly match the TTH1502C tripod.

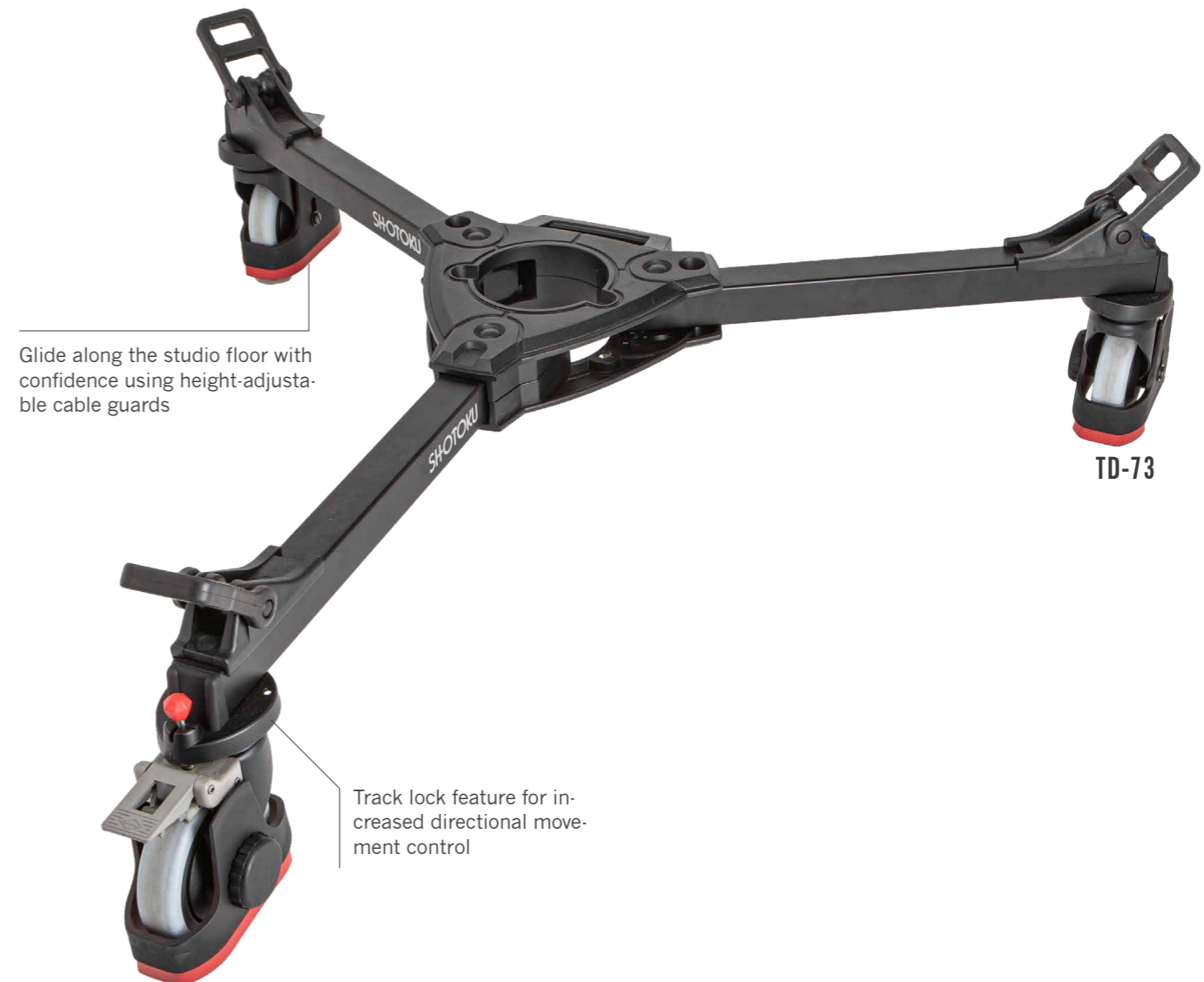


Fold-and-go design



Integrated Carry Handle

MAX. PAYLOAD	110kg / 242.5lbs
MAX. WIDTH	998mm / 39.3"
WEIGHT	8.8kg / 19.4lbs
WHEEL DIAMETER	Ø125mm
TRACK LOCK	Yes
BRAKES	Quick lock
SUITABLE TRIPODS	TTH1502C, TTH1002C, TTM1002C



Glide along the studio floor with confidence using height-adjustable cable guards

Track lock feature for increased directional movement control

TD-73

Perfect Truebalance easy adjust counterbalance

Viscam drag on a stepped system for effortless and speedy drag selection and shots just the way you imagined taking them

Robust, reliable, light-weight magnesium die-cast head construction



SX260 SX200

Our Newest ENG / EFP Support Solution



Operator balance control knob



Intuitive balance indicator

Raising the bar on movement quality and shot framing control come the Shotoku SX200 and SX260 support systems. Featuring a brand new design, the SX200 and SX260 boast best in class features and performance in a robust, reliable and one of the lightest systems on the market at this level of payload and performance. Truebalance delivers perfect counterbalance, is remarkably easy to adjust and has an intuitive balance setting display. The drag system uses Shotoku's well known Viscam system but combines the ease and speed of selection of the best known stepped systems, with the fine tuning and on shot adjustment of a continuously variable design.

These 2 core features set the performance apart from the competition. Partnered with a new 100mm ENG carbon fibre tripod with fast action de-tented leg locks and mid or ground level spreaders, the system delivers one of the lightest ENG systems available with a performance poised to set the new support standard for high end ENG cameras.

MAX. PAYLOAD	SX260: 25kg / 55lbs SX200: 20kg / 44 lbs
OPTIMUM PAYLOAD	SX260: 8~18.5kg / 17.7~40.7lbs SX200: 6~15.5kg / 13.3~34.1lbs
PAN / TILT RANGE	360° / ±90°
COUNTERBALANCE	Continuously Adjustable Perfect Balance
DRAG	Viscam Continuously Adjustable Fluid-Leaf System
TEMPERATURE RANGE	-40°C~+60°C / -40°F~140°F
MOUNT	100 mm ball
CAMERA FIXING	Sliding Camera Plate
SUITABLE PAN BAR	TJ-74 Telescopic Pan Bar
PAN BAR MOUNT	Removable
LEVELING BUBBLE	Illuminated
WEIGHT*	3.5 kg / 7.7 lbs

* including pan bar (TJ-74)

SX200 / SX260 SYSTEM PACKAGES

EFP HEAVY DUTY SYSTEMS

SX260 TTH1002C ML SX260 head including 1 telescopic pan bar + TTH1002C heavy-duty EFP two stage carbon fibre tripod + TML150 mid-level spreader with foot pads + TS150L semi-hard case

SX260 TTH1002C GL SX260 head including 1 telescopic pan bar + TTH1002C heavy-duty EFP two stage carbon fibre tripod + TGL150 heavy-duty ground spreader + TS150L semi-hard case

SX260 TTH1002C DOL SX260 head including 1 telescopic pan bar + TJ-74 pan bar + TTH1002C heavy-duty EFP two stage carbon fibre tripod + TD-73 dolly

ENG SYSTEMS

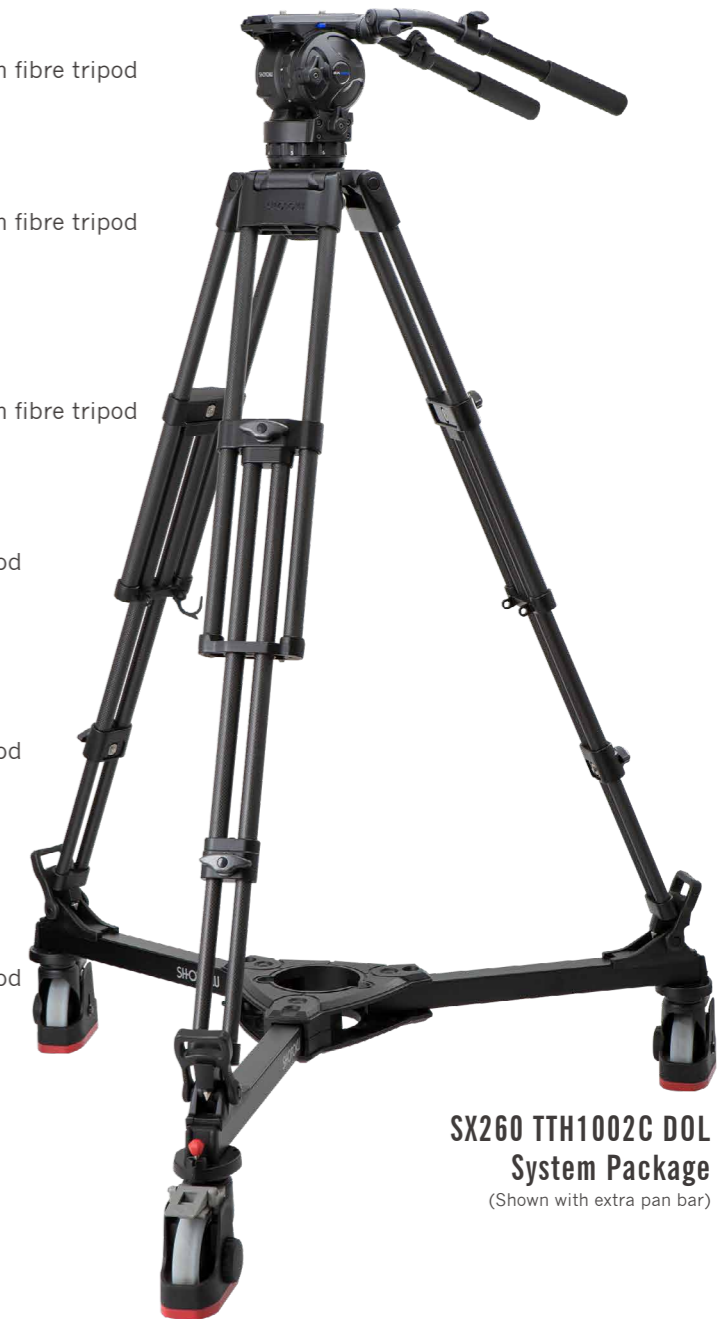
SX260 TTM1002C ML (SX200 System Available) SX260 head including 1 telescopic pan bar + TTM1002C ENG two stage carbon fibre tripod + TML150 mid-level spreader with foot pads + CSD100 soft case

Total System Weight: 7.7kg / 16.9lbs

SX260 TTM1002C GL (SX200 System Available) SX260 head including 1 telescopic pan bar + TTM1002C ENG two stage carbon fibre tripod + TGL100 lightweight ground spreader + CSD100 soft case

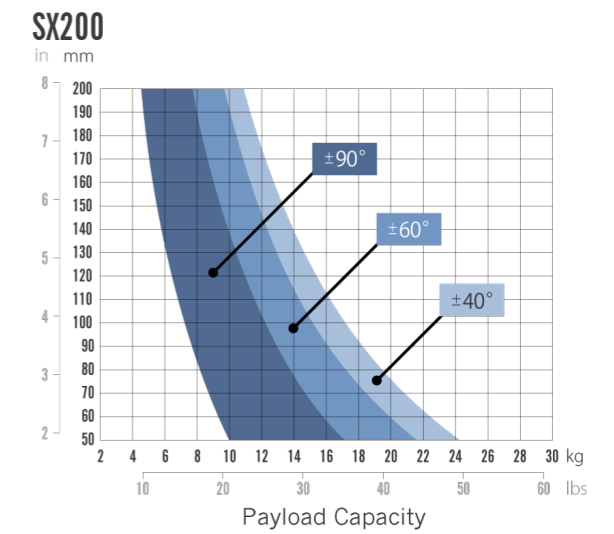
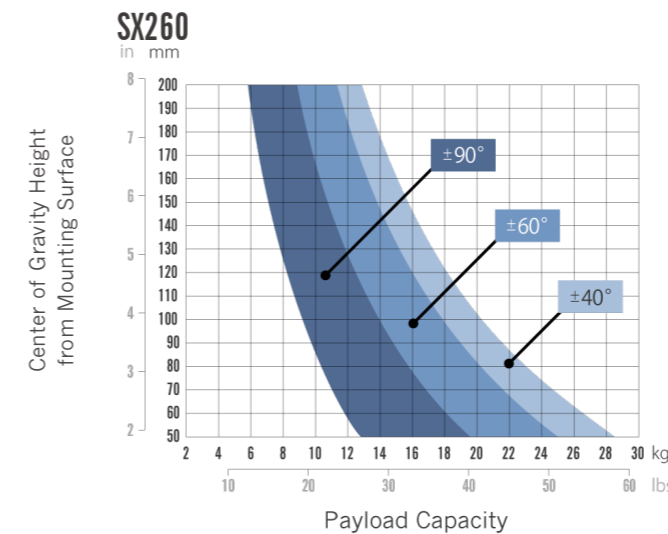
Total System Weight: 6.9kg / 15.2lbs

SX260 TTM1002C DOL (SX200 System Available) SX260 head including 1 telescopic pan bar + TJ-74 pan bar + TTM1002C ENG two stage carbon fibre tripod + TD-73 dolly



SX260 TTH1002C DOL System Package
(Shown with extra pan bar)

BALANCE / PAYLOAD CURVE





Extremely rigid heavy-duty carbon fibre construction for supporting high end EFP kits in the most extreme conditions

TTH1002C
Shown with TML100 mid-level spreader and foot pads



TTM1002C
Shown with TGL100 ground spreader



100mm bowl mount for maximum compatibility with a wide range of ENG and EFP heads

Unique leg-lock mechanism eliminates the need for spreaders

Capture the lowest of low angles with a minimum height of just 139mm (5.5")

Three-stage design for high portability

TTH1002C TTM1002C

ENG / EFP 100mm Tripods

Lightweight and rigid, the TTH1002C and TTM1002C feature advanced carbon fibre tube construction for exceptional performance in the field in any condition and have been engineered with torsional rigidity in mind to minimize undesired backlash during pans. Both tripods are outfitted with one-click leg clamps for quick setup and teardown. Ground and mid-spreader options are available allowing for application in flat and uneven floor/ground conditions.

MODEL

MAX. PAYLOAD

MAX. HEIGHT

MIN. HEIGHT

TRANSPORTATION LENGTH*

EXTENSION

WEIGHT*

MATERIAL

TUBE DIAMETER

MOUNT

SUITABLE HEAD

SUITABLE DOLLY

TTH1002C

90kg / 198lbs

1,625mm / 63.98"

562mm / 22.13"

726mm / 30"

Double

5.9kg / 13lbs

Carbon Fibre

Ø24(upper, mid), Ø20(lower)

100mm Bowl

SX260, SX200

TD-73



Heavy duty 100mm bowl

TTM1002C

40kg / 88lbs

1,563mm / 61.5"*

403mm / 15.9"*

716mm / 28.2"

Double

3.4kg / 7.5lbs

Carbon Fibre

Ø16(upper, mid), Ø22(lower)

100mm Bowl

SX260, SX200

TD-73

* with TGL100 ground spreader attached

TT-66

100mm Bowl Spreaderless Tripods

Utilizing a 3-step mechanism near the bowl, the TT-66 tripod series is for operators who like things simple. A unique tube design allows for silent and secure locking and unlocking.

MODEL

MAX. PAYLOAD

MAX. HEIGHT

MIN. HEIGHT

TRANSPORTATION LENGTH

EXTENSION

WEIGHT

MATERIAL

MOUNT

LONG

20kg / 44lbs

1,722mm / 5'8"

175mm / 6.9"

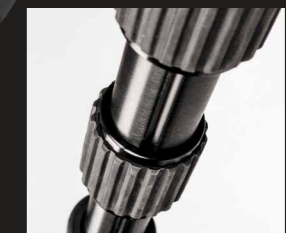
650mm / 2'1.6"

Triple

3kg / 6.6lbs

Aluminum

100mm Bowl



Easy leg locking design



Spreaderless locking mechanism

STANDARD

20kg / 44lbs

1,126mm / 3'8"

143mm / 5.6"

500mm / 1'7.7"

Triple

2.6kg / 5.7lbs

Aluminum

100mm Bowl

SHORT

20kg / 44lbs

423mm / 1'4.5"

139mm / 5.5"

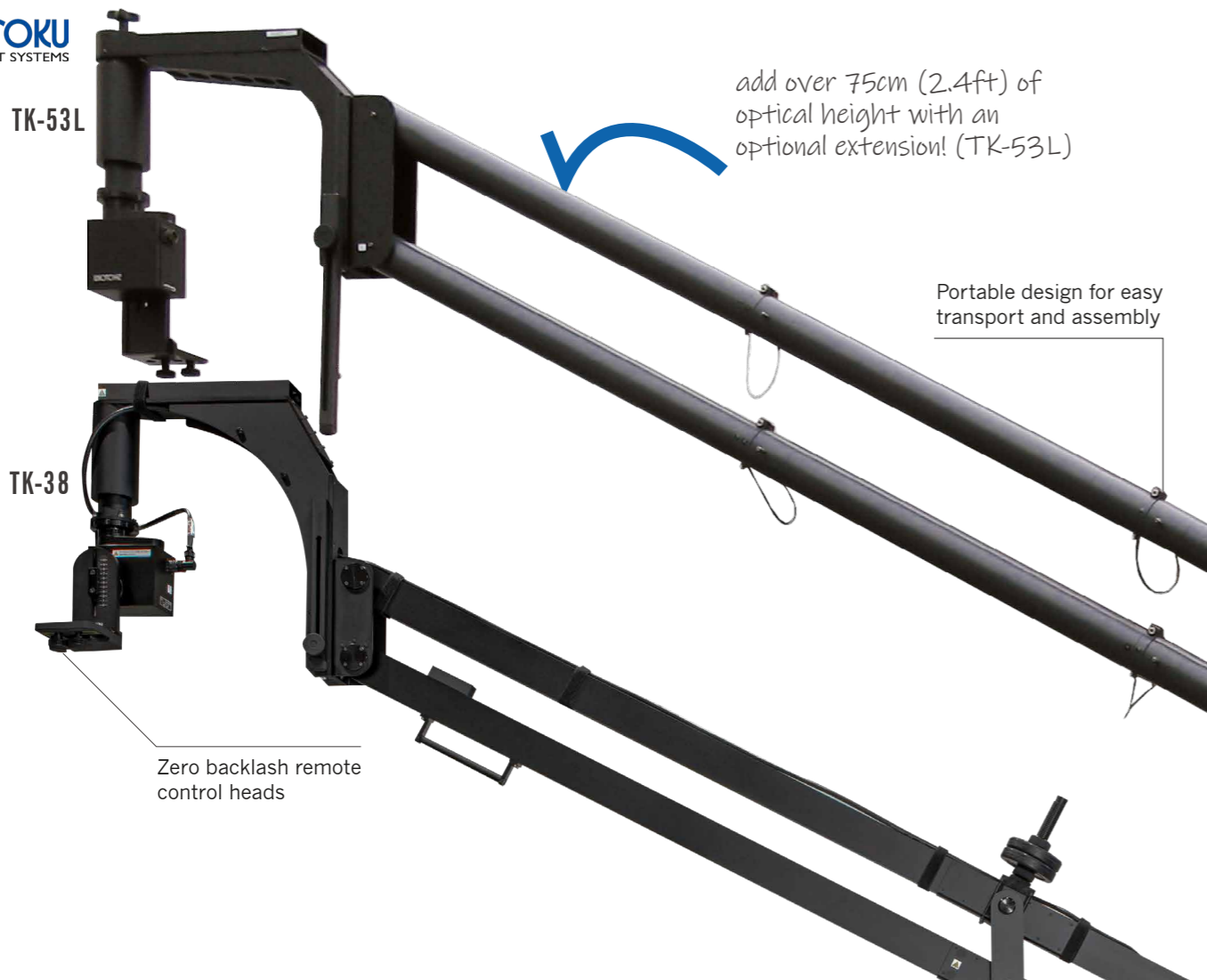
300mm / 11.8"

Triple

2kg / 4.4lbs

Aluminum

100mm Bowl



SHOTOKU CRANES

Shotoku is proud to be the world leader in the production of premium broadcast-grade cranes and dollies. Our extensive lineup includes not only our flagship production products pictured here, but our legendary line of traditional studio cranes which define the highest standard quality in class. Contact us for pricing and other inquiries by visiting our website or calling us at one of our offices.

Pan bar operation for easy and intuitive execution of complicated and stunning shots

TK-53 TK-38

Portable Studio / OB Cranes and Dollies

Designed for OB and studio applications and engineered with mobility in mind, the TK-53, TK-53L, and TK-38 servo control cranes require only a single cameraman to operate and are capable of being completely disassembled into hand-held cases for easy transport. Users can also operate it as a remote control pan & tilt head system simply by removing the remote head and pan bar operation unit.

TI-04 is a steerable studio crane dolly for the TK-53/53L and TK-38. The pedestal-type dolly provides enhanced stable dolly movement and a compact base carriage to allow for easy single man use. TI-08 is a foldable type outdoor crane dolly engineered for rugged use.

CRANE
MAX. PAYLOAD
OVERALL LENGTH*
MAX. OPTICAL HEIGHT*
HEAD PAN / TILT RANGE
POWER CONSUMPTION

WEIGHT*
SUITABLE DOLLY/TRIPOD

DOLLY
MAX. PAYLOAD
HEIGHT
FOLDED WIDTH
WEIGHT
DIMENSIONS



TK-38 arm pan/tilt brakes



Intuitive pan bar controls

TK-53

10kg / 22lbs
4,011mm / 13'2"
3,178mm / 10'5"
±120°/+60°~-90°
DC24V ±10% <95W
AC100-240V±10% <95W
96kg / 211.6lbs
TI-04, TI-08

TK-38

10kg / 22lbs
3,474mm / 11'5"
2,878mm / 9'6"
±120°/+60°~-90°
DC24V ±10% <95W
AC100-240V ±10%
67kg / 147.7lbs
TI-04, TI-08, TT-17+TD-13

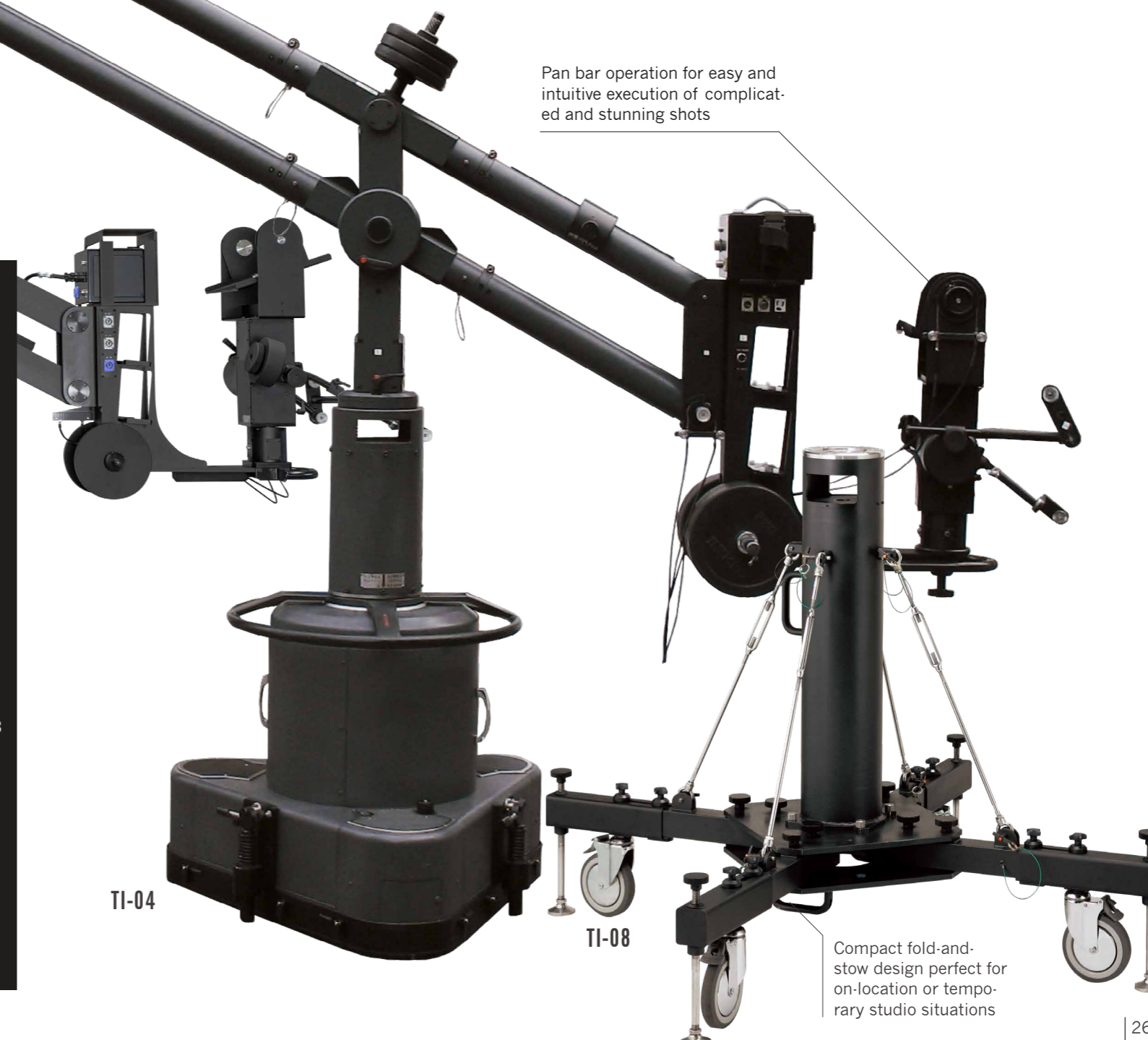
TI-04

200kg / 440lbs
1,100mm / 3'7"
N/A
240kg / 529lbs
790mm x 870mm
2'7" x 2'11"

TI-08

200kg / 440lbs
1,100mm / 3'7"
391mm / 1'4"
49kg / 108lbs
1,466 mm x 1,466mm
4'10" x 4'10"

*TK-53L: Overall Length: 4,861mm, Max. Optical Height: 3,929mm, Weight 100kg / 220.5lbs



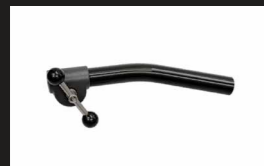
TI-04

TI-08

Compact fold-and-stow design perfect for on-location or temporary studio situations

ACCESSORIES

Shotoku develops a wide range of accessories for our manual products, ranging from tripod mounts to robust camera bags. All of these products are for streamlining use and increasing the fidelity of operator control.



TJ-38D

Extra short pan bar for SG900, TE-23, and TE-12 heads. (Ø28.3mm)



TJ-38E

Short pan bar for SG900, TE-23, and TE-12 heads. (Ø28.3mm)



TJ-60

EFP telescopic pan bar for TE-23 and SX300 heads.



TJ-59

Pan bar extension with hand grip for TJ-38E.



TJ-74

ENG/EFP telescopic Pan Bar for SX200 and SX260 heads.



TA-106

Standard sliding camera plate for SX300 Includes 3/8" screws x2.



TA-108A

Long 24cm sliding camera plate for SX300, SX260, SX200 + 3/8" screws x2.



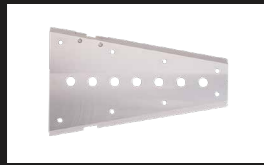
TA-109

Standard 14cm sliding camera plate for SX260 and SX200 + 3/8" screws x2.



TA-74

V-wedge camera plate for SG900, TE-23, TE-12. Includes 3/8" screws x2.



TA-75

Large V-wedge camera plate for TA-103 wedge adaptor. Includes 3/8" screws x2



TZ-41

Adaptor - M70 Mitchell mount to 4-bolt flat base head.



**TZ-32
TZ-63**

Adaptor - 4-bolt flat base mount to 150mm (TZ-32) or 100mm (TZ-63) ball head.



**SX300
Adaptors**

150mm ball + clamping screw or 4-bolt flat base for SX300 head.



CSD100

Soft case for TTM1002C or TDC100 with heads.



**TS-17S
TS-64S**

Soft case for TT-17 and TT-64 tripods.



TS150L

Center-opening semi-hard case with casters for TTH1502C or TTH1002C tripods with heads.



**TS-25H
TS-23H
TS-12H**

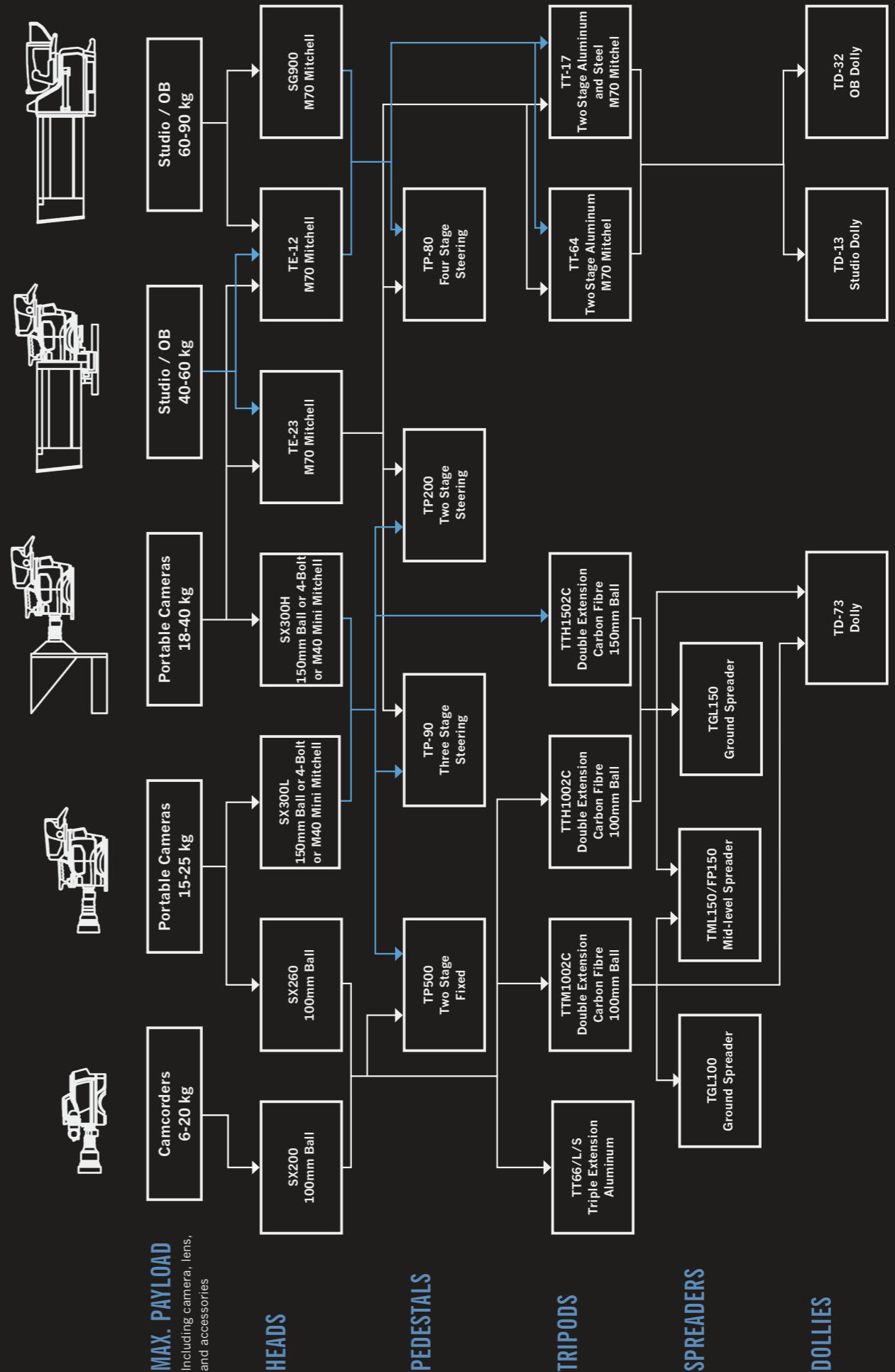
Full aluminum flight case for SG900, TE-23, or TE-12 heads.

Combine the TJ-59 with the TJ-38E for a telescopic pan bar!



System Guide

Use the following guide when considering our products. Please contact your local dealer for details and questions.





SHOTOKU

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