

# MVMT® ERGONOMIC SEATING

Specifications



# BIOFIT®

# MVMT® Ergonomic Seating



motion: full range | design: innovative

Technical applications demand different seating ergonomics from that of office seating. Working postures and motions are different. Workstation surfaces are higher. MVMT from BioFit represents a revolutionary advancement for today's cleanroom, static control, healthcare, laboratory, industrial, and standing-desk applications.

- Maximum seat-height range of 33.5", accommodates microscope, tissue culture, other lab/technical work
- Full adjustability, ergonomic support
- Comfortable, award-winning design
- Supports 350-lb capacity

## World-class chairs for world-class labs.

Available in two series—MVMT Pro and MVMT Tech. The feature-laden Pro series offers a dozen standard ergonomic adjustments. The Tech Series, with a range of scalable options, is geared for use in the harshest industrial settings to the most technical facilities.

With the QR Code Profile System, information specific to your chair is available on your smartphone. Access operation/assembly videos, reordering information, warranty balance and more. Scan the code here for a demonstration.



# MVMT® Pro Series



advantage: intuitive functionality | use: technical



The MVMT Pro Series offers weight-activated control – meaning an individual user's weight sets the tension, which alleviates resetting controls in multi-user/multi-shift workplaces. The seating is engineered for task-specific range of motion and 24/7/365 use. The MVMT Pro aesthetic complements interior design trends, positively impacting corporate image. Important technical benefit: ISO Class 8 to ISO Class 6 cleanroom and cleanroom/static control models are available. 13-year warranty.

Upholstered ergonomic seat.

Dual-wheel non-marring polyurethane casters resist movement when the chair is unoccupied, enhancing workplace safety by inhibiting seating from rolling away.

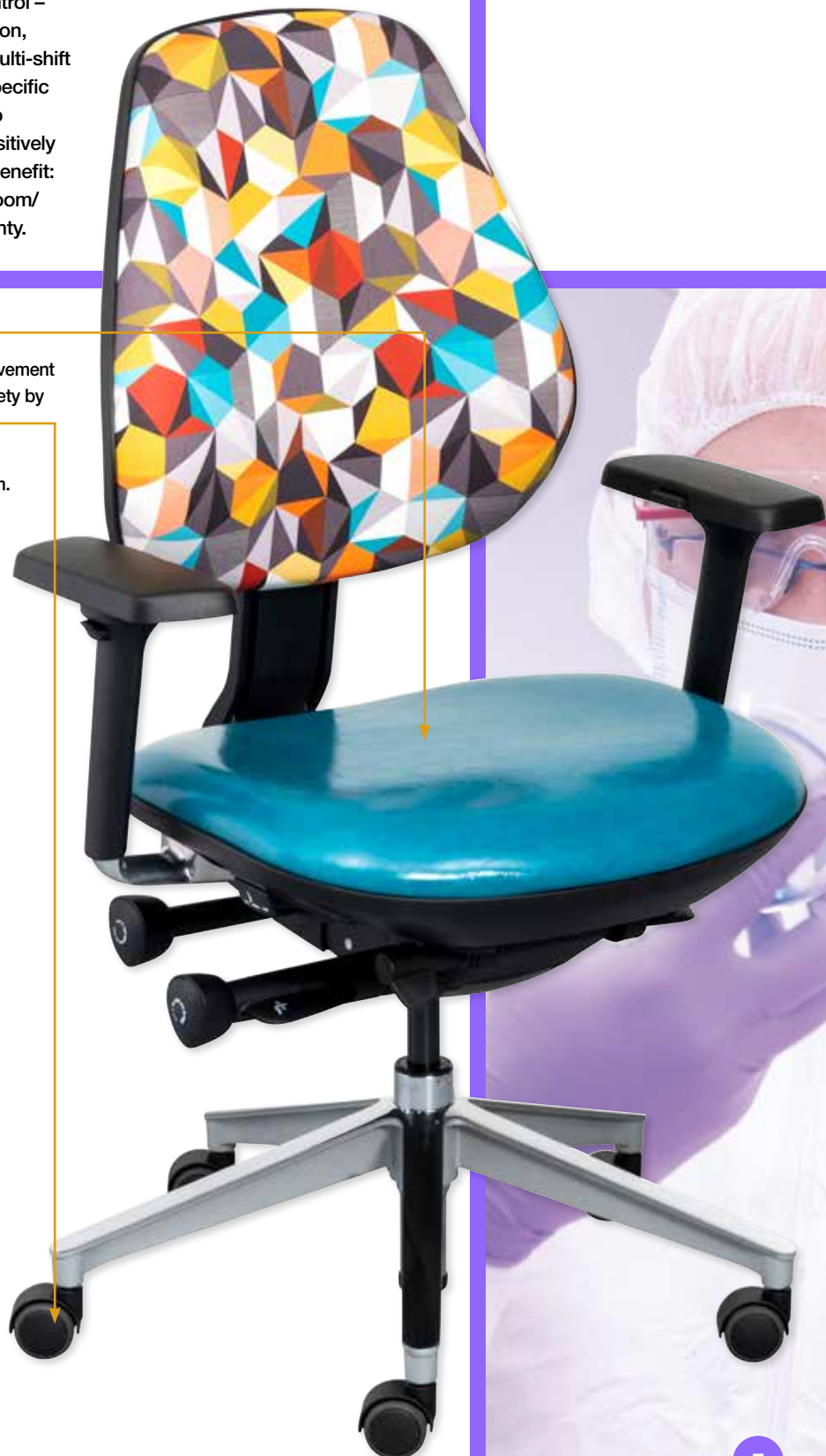
Control lockout is available for areas where work is so critical that any motion would create a profound problem. The control can be completely locked-out by means of a simple twist of a knob and can be locked in three different reclining positions.



The MVMT Pro design is created for today's ultra-critical environments including static-sensitive and particle-/microbe-controlled areas. A BioFit exclusive: QR code profile system delivers individual webpage for every MVMT unit manufactured.

Shown here:

**MVMT Pro Series with tall backrest,  
low seat height range**



# MVMT® Tech Series with Classic Base



advantage: versatility | use: cleanroom, static control/ESD, industrial, laboratory, healthcare

supports  
350  
pounds

Like the MVMT Pro, the Tech Series with Classic Base category was created for ultra-critical environments including static-sensitive and particle-/microbe-controlled areas such as medical device manufacturing, genetic research, pharmaceutical processing and similar facilities. Tech Series comes standard without arms to allow tucking under work surfaces. Models available with tall and medium backrests. 13-year warranty.

Standard as well as two optional controls available.

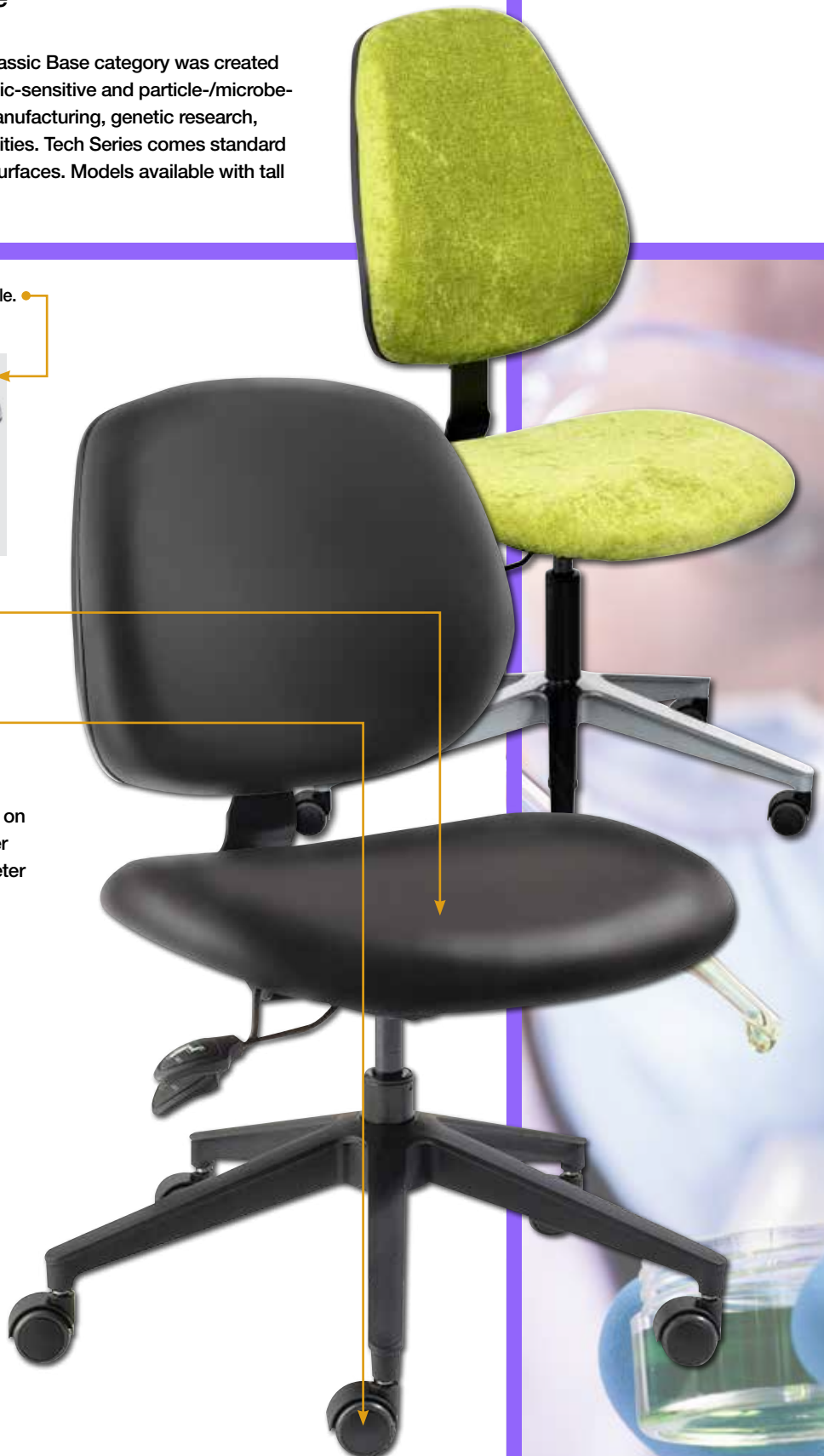


Upholstered ergonomic seat.

Dual-wheel non-marring polyurethane casters resist movement when the chair is unoccupied, enhancing workplace safety by inhibiting seating from rolling away.

Three high-profile base styles are available: Glass reinforced composite (mfg. code GR, on low seat height models only); 25.6" diameter aluminum (mfg. code P25); and 28.7" diameter wide aluminum (mfg. code P28).

Shown here: (foreground)  
**MVMT Tech Series with Classic reinforced glass composite base, medium backrest, low seat height range;** (background)  
**MVMT Tech Series with Classic, 28.7" diameter wide aluminum base, tall backrest, high seat height range**





# MVMT® Tech Series with HD Base



advantage: added durability | use: cleanroom, static control/ESD, industrial, laboratory

supports  
**350**  
pounds

Tech Series with Heavy-duty (HD) Base models offer the look and performance of the award-winning MVMT family with the addition of a rugged tubular steel base, making them a leading choice for today's industrial workplaces. Models available with tall and medium backrests. 13-year warranty. Tech Series comes standard without arms to allow tucking under work surfaces.

Upholstered ergonomic seat.

Black powder-coat finish standard on metal parts.  
Optional chrome or custom powder-coat colors available.

Non-marring thermoplastic rubber casters featuring ball-bearing construction are designed for concrete and other hard floor surfaces.

Affixed footring, positioned 8" above floor level on HD bases for low and medium seat height models (mfg. code TUL), or 12" above floor level on HD bases for high seat height models (mfg. code TUH).



The MVMT Tech HD Base models are an ideal solution for harsh applications and 24/7/365 use. Standard E1 control regulates seat height and backrest angle while keeping the seat fixed at a 3.5° rearward angle (manufacturing code E1). Control which regulates seat tilt, backrest tilt and seat height from seated position is available as an option on MVMT Tech HD series (manufacturing code E2).

Shown here:

**MVMT Tech Series with Heavy Duty base, medium backrest, medium seat height range (base shown features affixed footring positioned 8" above floor level, mfg. code TUL)**



# BioFit MVMT® Seating

ordering information | january 2025

## MVMT Pro Series | Standard Components

Ergonomic seat 20.5" wide with adjustable seat depth from 16.4" - 18.9", weight-activated Pro control with 5:1 synchro tilt, forward seat tilt, backrest forward adjustment, micro tension adjustment, control lockout, adjustable urethane armrest pads on solid polished cast aluminum uprights adjust 3.5" vertically, 2" front to back, 1" left to right on each armrest – for 2 full inches of width adjustment, resistance (RC) or thermoplastic rubber (R) casters, grade 2 upholstery, 28.7" diameter wide aluminum base (P28) is standard on M and H seat height models only; reinforced glass composite base (GR) is standard on L height models. 22" diameter adjustable oval tube footring (AFP) is only available on M & H height models.

Model#	Part#	Backrest	Seat Hgt.	Compatibility
MP-TL	MP-1-TB-GR-L-RC-PM-XF-3D-06	Tall, 17.5"Wx19.5"H	Low, 17.5"-21.5"	Desk
MP-ML	MP-1-MB-GR-L-RC-PM-XF-3D-06	Medium, 17.5"Wx15"H	Low, 17.5"-21.5"	Desk
MP-TM	MP-1-TB-P28-M-RC-PM-AFP-3D-06	Tall, 17.5"Wx19.5"H	Medium, 20" - 27"	Standard Bench
MP-MM	MP-1-MB-P28-M-RC-PM-AFP-3D-06	Medium, 17.5"Wx15"H	Medium, 20" - 27"	Standard Bench
MP-TH	MP-1-TB-P28-H-RC-PM-AFP-3D-06	Tall, 17.5"Wx19.5"H	High, 24" - 33.5"	High Bench
MP-MH	MP-1-MB-P28-H-RC-PM-AFP-3D-06	Medium, 17.5"Wx15"H	High, 24" - 33.5"	High Bench

## MVMT Tech Series Classic | Standard Components

Ergonomic seat 20.5" wide mounted forward, 18" seat depth standard, task control (seat height, backrest angle, 3.5° fixed rearward angle), no arms, composite base (low), aluminum base (medium, high), footring (medium, high), resistance (RC) or thermoplastic rubber (R) casters, grade 2 upholstery

Model#	Part#	Backrest	Seat Hgt.	Compatibility
MTCL-TL	MTCL-1F-TB-GR-L-RC-E1-XF-XA-06	Tall, 17.5"Wx19.5"H	Low, 17"-22"	Desk
MTCL-ML	MTCL-1F-MB-GR-L-RC-E1-XF-XA-06	Medium, 17.5"Wx15"H	Low, 17"-22"	Desk
MTCL-TM	MTCL-1F-TB-P28-M-RC-E1-AFP-XA-06	Tall, 17.5"Wx19.5"H	Medium, 21" - 28.5"	Standard Bench
MTCL-MM	MTCL-1F-MB-P28-M-RC-E1-AFP-XA-06	Medium, 17.5"Wx15"H	Medium, 21" - 28.5"	Standard Bench
MTCL-TH	MTCL-1F-TB-P28-H-RC-E1-AFP-XA-06	Tall, 17.5"Wx19.5"H	High, 22" - 31.5"	High Bench
MTCL-MH	MTCL-1F-MB-P28-H-RC-E1-AFP-XA-06	Medium, 17.5"Wx15"H	High, 22" - 31.5"	High Bench

## MVMT Tech Series HD | Standard Components

Ergonomic 20.5" wide seat mounted forward, 18" seat depth standard, tubular steel base, resistance (RC) or thermoplastic rubber (R) casters, task control (seat height, backrest angle, fixed rearward angle), no arms, affixed footring, grade 2 upholstery

Model#	Part#	Backrest	Seat Hgt.	Compatibility
MTHD-TL	MTHD-1F-TB-TUL-L-RC-E1-XF-XA-06	Tall, 17.5"Wx19.5"H	Low, 18.5" - 22.5"	Desk
MTHD-ML	MTHD-1F-MB-TUL-L-RC-E1-XF-XA-06	Medium, 17.5"Wx15"H	Low, 18.5" - 22.5"	Desk
MTHD-TM	MTHD-1F-TB-TUL-M-RC-E1-XF-XA-06	Tall, 17.5"Wx19.5"H	Medium, 21.5"-28.5"	Standard Bench
MTHD-MM	MTHD-1F-MB-TUL-M-RC-E1-XF-XA-06	Medium, 17.5"Wx15"H	Medium, 21.5"-28.5"	Standard Bench
MTHD-TH	MTHD-1F-TB-TUH-H-RC-E1-XF-XA-06	Tall, 17.5"Wx19.5"H	High, 25.5"-32.5"	High Bench
MTHD-MH	MTHD-1F-MB-TUH-H-RC-E1-XF-XA-06	Medium, 17.5"Wx15"H	High, 25.5"-32.5"	High Bench

Pro tip: In the part numbers above, replace code RC (resistance casters) with R to specify thermoplastic rubber casters. Ask about special and custom orders.

## Unique Motion Simplified.

MVMT delivers an intuitive user experience featuring what may be the first self-regulating weight activation control in a specialized chair. This means it not only adjusts to the primary user's movements, but also automatically fine-tunes itself to others of various sizes and weights, sensing their individual support needs from the moment they sit down.

- Optional adjustable urethane armrest pads on solid polished cast aluminum uprights

optional components		
Component	MFG Code	Description
Seat	1B	Upholstered ergonomic seat, 20.5" wide, mounted rearward for 16.4" depth
Armrest	1D	Height-adjustable urethane armrest pads on solid polished cast aluminum uprights; lock into place once adjusted
	3D	Adjustable urethane armrest pads on solid polished cast aluminum uprights adjust 3.5" vertically, 2" front to back, 1" left to right on each armrest – for 2 full inches of width adjustment – and lock into place once adjusted
	XA	Without arms
Footring	XF	Minus AFP footring (med. & high height models)
Glides	HG	2" high polyamide glides
Casters	LRO	Dual-wheel, soft tread, with weight-activated self-braking capability; resists movement when seat is occupied
	R	Single-wheel, thermoplastic rubber, non-marring, ball-bearing construction; for hard floors including concrete
	RC	Hooded dual-wheel, non-marring resistance casters, resist movement when seat is unoccupied
	RK	Hooded dual-wheel, non-marring resistance casters for ESD applications; resist movement when seat is unoccupied (standard with ESD performance packages)
Base	P25	25.6" diameter aluminum base*
	P28	28.6" diameter aluminum base*
Control	E2	Regulates seat tilt, backrest tilt and seat height from a seated position
	E3	Synchro-tilt control which regulates seat height, seat depth and tilt tension, and includes control lock out for precision work
Miscellaneous	SW	Skid Wrapping, net cost per pallet
	VU	Upholstered underwrap to match seat upholstery (available on MVM Tech Series models only)

\*Both of these bases are only available as options in place of the standard GR base on low height Pro and Tech Series Classic models. \*\*Not available on models in this series.

See pages 46, 47 and 51 for additional information on MVM Tech Series optional components.

upholstery MFG Code	Description
Grade 3	Grade 3 upholstery
Grade 4	Grade 4 upholstery
Grade 5	Grade 5 upholstery
Grade 6	Grade 6 upholstery
Grade 7	Grade 7 upholstery
Grade A	Black conductive vinyl upholstery (Price included in ESD performance packages)
Grade B	Blue microcon vinyl upholstery (Price included in ESD and ISO/ESD performance packages)
Grade B	Black microcon vinyl upholstery (Price included in ESD and ISO/ESD performance packages)
Class C	Blue cloth upholstery (Price included in ESD performance packages)
Class C	Black cloth upholstery (Price included in ESD performance packages)

performance packages		
Category	Class	MFG Code
Static Control/ESD Cleanroom	–	*K
	ISO 8**	ISO8
	ISO 7**	ISO7
	ISO 6	ISO6
	ISO 5*†	ISO5
	ISO 3*†	ISO3
Cleanroom /ESD	ISO 8*	ISO8K
	ISO 7*	ISO7K
	ISO 6*	ISO6K
	ISO 5*†	ISO5K
	ISO 3*†	ISO3K
Standard black metal part finish	–	06
Chrome-plated metal parts	–	C

\*Not available with GR style base on MVM Tech Pro and Tech Classic models. \*\*Comes standard with black powder coat metal finish. †MVM Tech Pro not available with ISO 3 and ISO 5 performance packages.

- Standard E1 control which regulates seat height and backrest angle

- Rugged tubular steel base with affixed footring positioned 12" above floor level (mfg. code TUH)

**WARNING:** This product can expose you to chemicals including wood dust, which is known to the State of California to cause cancer. For more information go to [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov).



# BioFit Customer Advantage

BioFit's focus every day is to improve the workplace experience through ergonomic performance, comfort, style and reliability.

**Product Advantages—More options to meet your workplace requirements:** Modular construction enables custom configurations to meet specific needs.

**Product Quality—Lowers cost of ownership:** Nearly all BioFit products are warranted to the original purchaser against mechanical or structural failure due to defective material or workmanship for 13 years of normal, multi-shift use. Pneumatic cylinders are covered for the functional lifetime of the chair or stool.

**Supply Chain—Higher customer satisfaction:** No-surprise delivered prices – ground freight to lower 48 states included on all orders over \$5,000 list pricing.

**Value-added Services—Assure you get the seating solution you need:** Due to the modular construction of our products, users can use the Build Your Own Chair seating configurator to create, request a quote and order seating for their unique requirements, right from their smartphone. Plus, BioFit offers a 30-day “try before you buy” sample program, allowing customers to field-test seating at their location.

**More Than Seating—BioFit Booths, Tables & Carts:** BioFit manufactures a full line of mobile folding tables, booths, cafeteria tables and multipurpose carts.

Discover now how BioFit can provide the solutions you need to help keep your organization operating more productively. Contact us today.

# BIOFIT®

Answers are in our nature.™

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