FEATURES & BENEFITS

DUAL BELT TREADMILL

- Two independent and synchronized treadmill decks separated longitudinally by a 7mm gap
- Classic left-to-right split belt design is ideal for certain pathological gait studies and treatment protocols
- Two 152 cm (L) x 32 cm (W) belts can be run at the same speed or at speeds independent of each other

USB DIGITAL INTEGRATION

- Straightforward USB integration with all leading motion capture software
- Smart platform technology simplifies the user experience

MOVEABLE FOR MULTI-PURPOSE LABS

- Caster wheels can be re-attached as needed, allowing for easy relocation within lab space

OPTIMIZED FOR BIOMECHANICAL APPLICATIONS

- Two 6-axis force platforms (8900N capacity) provide independent forces for each limb during both single and double-support phases of gait
- Bidirectional belt speed up to 19.3 km/h
- Removable handrails for maximum visibility of motion capture markers

ENHANCED MECHANICAL PERFORMANCE

- A high frequency structure for reliable data during walking and running
- Long-life bearing system

SPECIFICATIONS

Integrated Force Plate Specifications	
Vertical Force Plate Capacity	8900 N
Horizontal Force Plate Capacity	4500 N
Installed Force Platform Resonant Frequency	300 Hz (Fx, Fy)
Linearity	±0.2 % full scale output
Hysteresis	±0.2 % full scale output
Treadmill Specifications	
Maximum Speed (Bidirectional)	19.3 km/h (12 mph)
Structural Resonant Frequency	120 Hz
Working Surface of Each Belt	152 (L) x 32 (W) cm
Total Working Surface	152 (L) x 64 (W) cm
Deck Height	30 cm
Overall Dimensions (Including Handrails)	203 (L) x 117 (W) x 128 (H) cm
Side & Horizontal Front Handrails	Removable
Vertical Front Handrail Supports (Removable on non-incline model)	Two posts, 91 cm high and 91 cm apart
Weight	400 kg
Maximum treadmill inclination (Optional)	25% grade (14 degrees)
Moveable within Lab Space	Caster wheels (as needed)
Power Requirements	
208 VAC, 3-phase, wye-connected, 20-Amp service, 50/60 Hz*	
MoCap Integration / Software Development Kit (SDK)	
Digital or Analog Integration	Stream real-time left/right forces into MoCap software
Software Development Kit (SDK)	For incorporating treadmill into proprietary systems

*For other power availability, please contact AMTI.

AMTI FORCE AND MOTION www.amti.biz

CE ISO 9001 certified

MOBIUS SBS Treadmill Brochure-rev3

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MOBIUS TREADMILL

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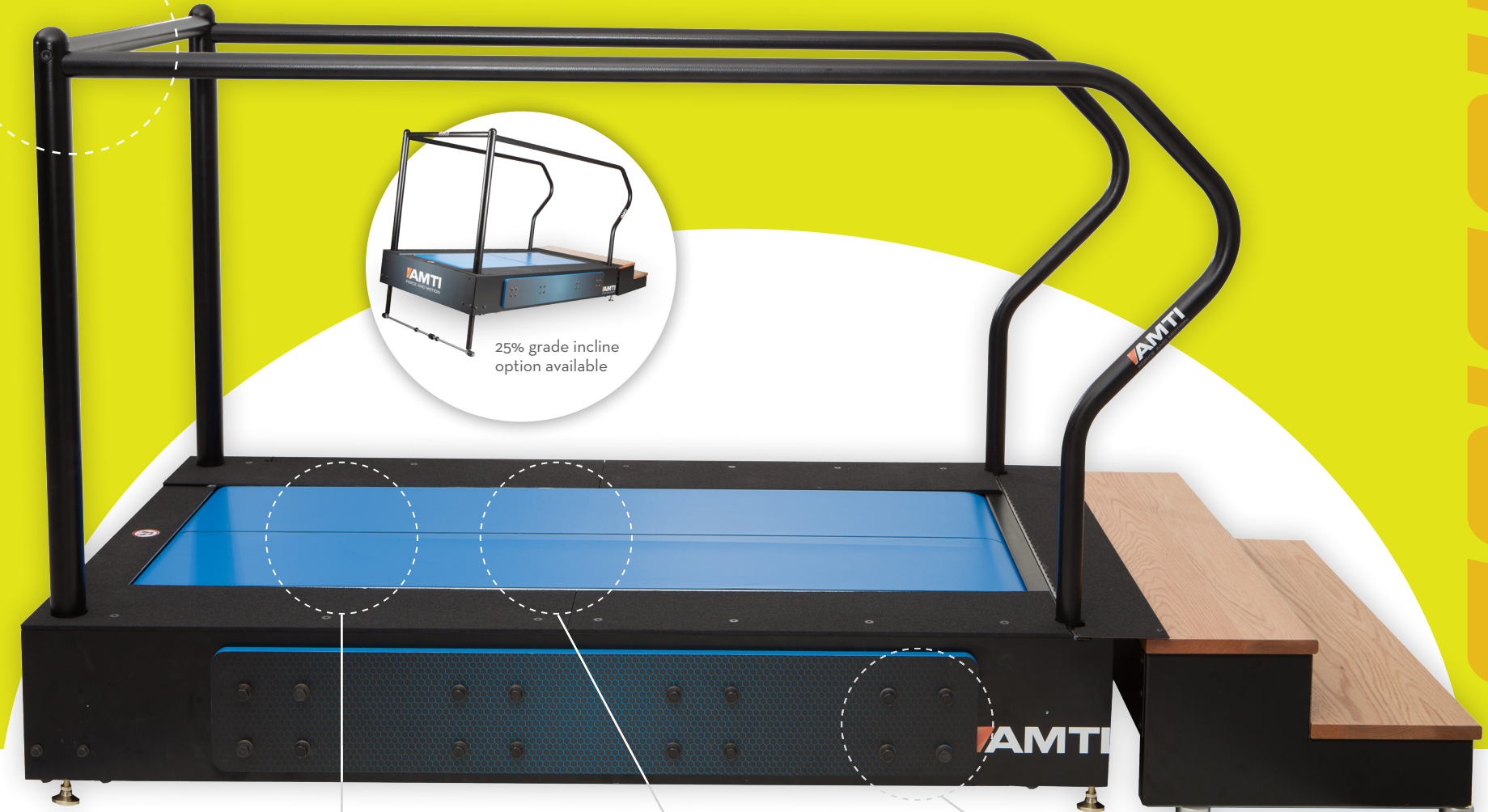
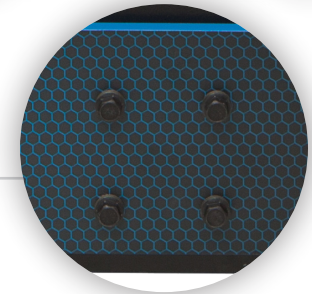
25% grade incline option available



Removable Side Handrails

Dual Wear-Resistant Belts

Left-to-Right Split Belts with Minimal Gap



High-Frequency Structure