

FEATURES & BENEFITS

- Two independent and synchronized treadmill decks with a smooth transition between the belts, making the tandem belts feel like one
- High natural frequency structure provides cleaner data; ideal for all biomechanics studies, including running
- Newly redesigned long-life bearing system
- Improved tracking system for consistent and reliable performance
- Two independent six D.O.F. biomechanics force platforms with composite tops for higher natural frequency, each with a vertical force capacity of 8800 N
- Analog or digital outputs for each force platform through two GEN5 amplifiers
- USB enabled integration with all major motion capture and EMG software
- Two independent belt drivers with high performance digital motor controllers synchronized or controlled independently
- Tandem belt design eliminates loss of data caused by “double support” during walking
- Bidirectional maximum speed of 12 mph
- Removable sides and front safety handrail with emergency stop installed

SPECIFICATIONS

Integrated Force Plate Specifications	
Vertical Force Plate Capacity	8800 N
Horizontal Force Plate Capacity	4500 N
Speed	0-19.3 m/h (0-12 mph)
Installed Force Platform Resonant Frequency	300 Hz (Fx, Fy)
Structural Resonance Frequency	120 Hz
Linearity	±0.2 % full scale output
Hysteresis	±0.2 % full scale output
Treadmill Dimensions	
Working Surface of Each Belt	74 (L) x 66 (W) cm
Total Working Surface	148 (L) x 66 (W) cm
Height	28 cm
Overall Dimensions (Including Handrails)	203 (L) x 112 (W) x 125 (H) cm
Side Handrail Supports (Removable)	Two posts, 91 cm high and 91 cm apart
Front Handrail Supports (Removable - non-incline version)	Same as above
Weight	400 kg
Maximum treadmill inclination (Optional)	25% grade (14 degrees)
Power Requirements	
208 VAC, 3-phase, wye-connected, 20-Amp service, 50/60Hz	

*For other power availability, please contact manufacturer



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CE ISO 9001:2008 certified

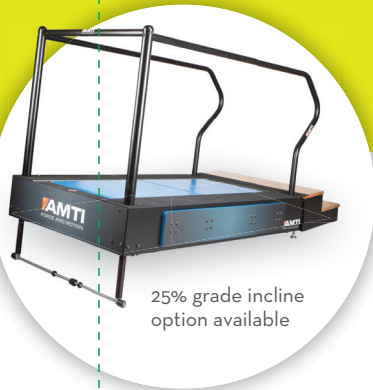
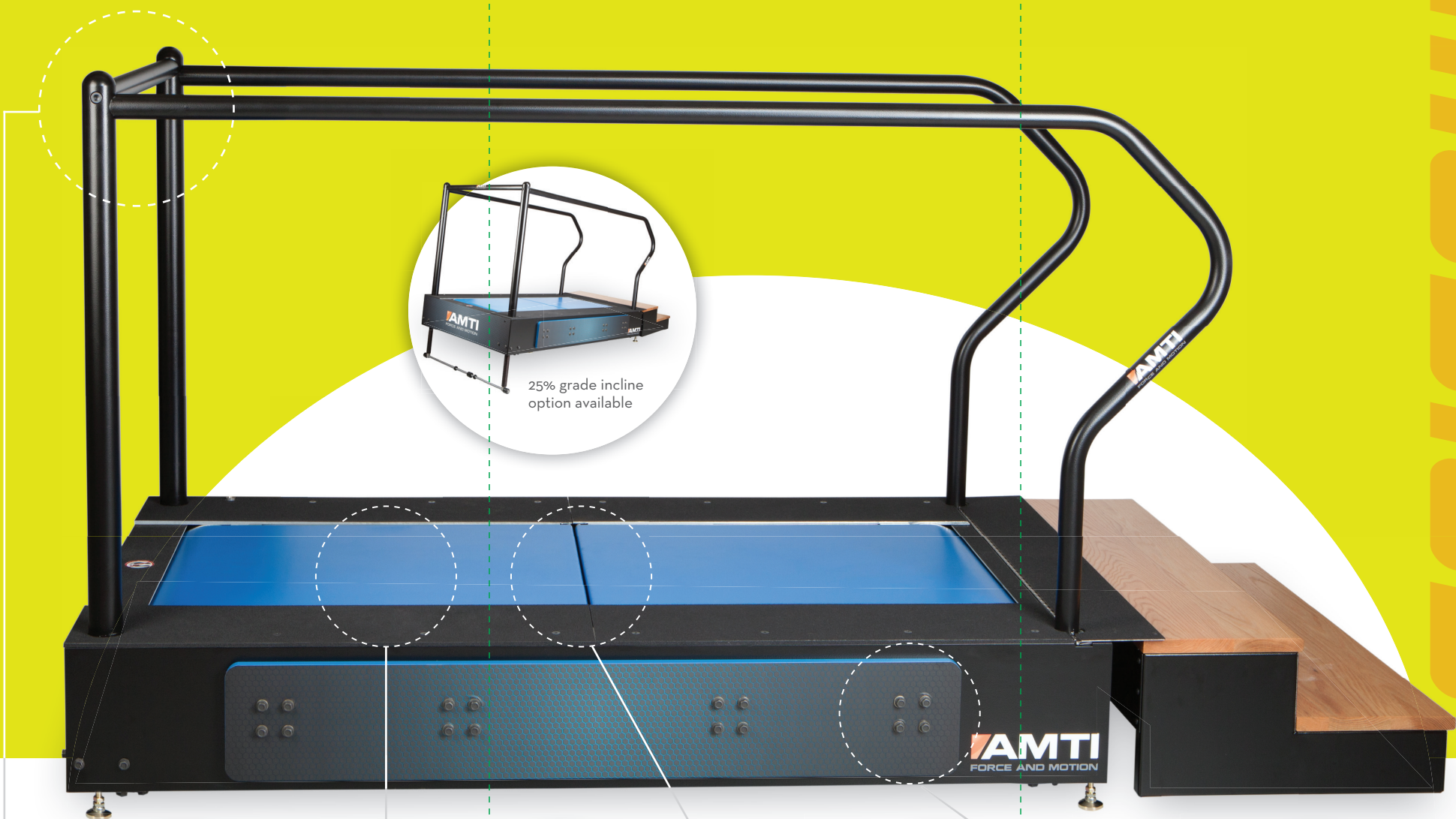
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MOBIUS Treadmill Brochure-rev1

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MOBIUS TREADMILL



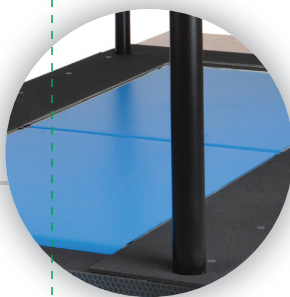
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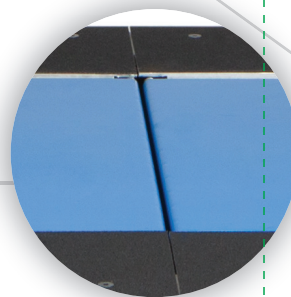
25% grade incline
option available



Removable Handrails



Dual Wear-Resistant Belts



Smooth Transition Between Belts



High-Frequency Structure