

Mobile Mound

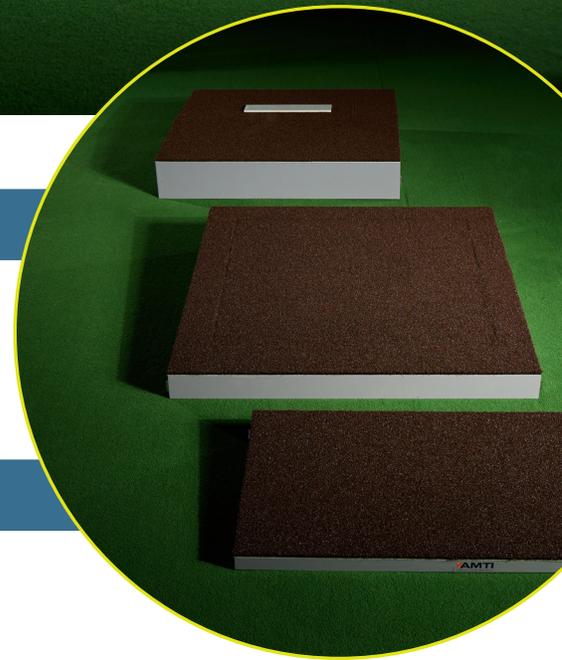
Instrumented Pitching Mound

3D Force Data:
Drive Leg + Lead Leg



AMTI's Mobile Mound provides 3D forces and moments under each foot throughout an entire pitch in a fully portable package.

Featuring three embedded Optima-BMS force plates, the Mobile Mound offers mobility without sacrificing the accuracy, reliability, and repeatability that define AMTI force measurement.



MOBILE MOUND SPECIFICATIONS

Mound Dimensions	5' Wide x 12'8" Long x 11-3/4" Tall
Mound Weight (3 Sections)	Large Sections (2x): 175 lb* Small Section (1x): 50 lb

FORCE PLATE SPECIFICATIONS

Embedded Force Plates	1 x BMS600900 (Pitching Rubber) 2 x BMS6001200 (Slope)
External Amplifiers	Optima Amplifier (OPT-SC)
Outputs	Digital (USB) or Analog
Channels	Fx, Fy, Fz, Mx, My, Mz
Fz Capacity (lb, N)	2000 lb (8900 N)
Fxy Capacity (lb, N)	1000 lb (4450 N)

*Listed weight excludes embedded force plate(s).



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CE ISO 9001:2015 certified
ISO 13485:2016 certified
ISO 17025:2017 accredited

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MOBILE MOUND PRODUCT SHEET Ver 1

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FEATURES & BENEFITS

FULLY INSTRUMENTED MOBILE MOUND



- Captures 3D forces and moments under each foot throughout entire pitch cycle
- Features three embedded Optima-BMS force plates
- Provides independent left & right foot force data for detailed analysis of drive-leg and lead-leg mechanics

HIGH-ACCURACY FORCE MEASUREMENT



- Force plates utilize Optima™ Calibration Technology, delivering the accuracy, reliability, and repeatability that define AMTI force measurement
- 3D ground force measurement enables advanced biomechanical analysis of a pitcher's power generation, timing, and technique
- Designed for MLB, Div I, and elite pitching labs

PORTABLE 3-SECTION DESIGN



- Engineered with high structural rigidity to minimize flex and vibration
- No concrete work or site construction required
- Draw latches lock mound together & enable quick breakdown and setup for easy re-location



SYSTEM COMPONENTS

- **3 x Optima-BMS force platforms**
- **3 x Optima (OPT-SC) amplifiers**
- **9 m (30 ft) transducer cables**
- **3-section portable mound with pitching rubber and short-pile turf**

