



TECHNICAL MEMORANDUM: BOOST TREADMILL ELITE 2

To: Oussi Latifa | JET SPORT SARL AU

From: Commercial Direction | TMR-World & Rehab Medic Europe

Subject: Comparative Analysis & Technical Superiority

INDEX

1. COMPARATIVE ALTER-G PRO Vs BOOST MODEL 2

2. KEY FEATURES OF THE BOOST MODEL 2

3. IMAGE GALLERY

4. THE NUMBERS & PROFORMA

1.- COMPARATIVE

CORE TECHNOLOGY: THE WOODWAY® ADVANTAGE

The most significant difference lies in the running surface. While AlterG uses a standard conveyor belt, **Boost 2 is built on the legendary Woodway® slat-belt technology.**

- **Boost 2:** Features individual vulcanized rubber slats. This design eliminates the need for a tracking system and lasts up to 10 times longer than a conventional belt.
- **AlterG:** Uses a traditional belt-and-deck system which involves higher friction, more heat, and frequent replacements in high-traffic facilities.

BIOMECHANICAL EFFICIENCY & FEEL

- **Natural Gait:** Due to the slat-belt design, the Boost 2 provides the most natural running experience in the world. There is no "deck slap" or artificial bounce, which is critical for elite athletes who need to maintain their running mechanics during rehab.
- **Impact Reduction:** Both machines reduce body weight up to 80%, but the Boost 2 adds a second layer of protection through the shock-absorbing slats, further protecting the joints.

OPERATIONAL EXCELLENCE & MAINTENANCE

- **Reliability:** Boost 2 has been engineered to have fewer moving parts. In international markets, Boost 2 is the safer investment due to its minimal maintenance requirements.
- **Quiet Operation:** The air pressure system in Model 2 has been optimized to be significantly quieter than previous generations of anti-gravity treadmills.

USER THROUGHPUT (EFFICIENCY)

- **Fast Entry/Exit:** The Boost 2 system for securing the athlete is designed for speed. This allows a higher number of athletes per hour compared to the AlterG, directly increasing the ROI (Return on Investment) for **JET SPORT**
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COMPARATIVE CHARTS

Feature	AlterG Series	Boost Treadmill Model 2
Running Surface	Standard Belt	Woodway® Slats (Premium)
Service Life	Standard	Extremely High (Low Friction)
Noise Level	Moderate	Low (Optimized Airflow)
Maintenance	Regular / Frequent	Minimal
Market Status	Traditional Option	Current Technological Leader

Model	Estimated Price (New)	Key Differentiator
Alter-G PRO	€75,000 - €85,000	Top-of-the-line Alter-G. Sophisticated, but still uses high-friction conventional belts.
Boost Model 2	€65,000 - €75,000	More efficient and robust. Uses Woodway® technology making it virtually indestructible.

DETAILED COMPARISON

- **Height Adjustment:** Boost 2 uses an automated motorized lift system for quick and personalized entry/exit; no guesswork. AlterG requires a manual adjustment process with physical lifting.
- **Treadmill Base:** Boost 2 is built on a Woodway 4Front, the gold standard in performance. AlterG uses a standard belt base.
- **User Controls:** Boost 2 uses intuitive and simplified 360° knobs. AlterG uses small touchscreen buttons, which are difficult to press while in motion.
- **Custom Branding:** Boost 2 allows you to add your logo for free. AlterG does not offer customization.
- **FDA Listing:** Boost 2 is the only microgravity treadmill with a slat-belt listed by the FDA.
- **Cleaning and Maintenance:** No technician required for Boost 2; you can change the bags yourself in 10 min (~\$500). AlterG requires a technician visit for cleaning and bag replacement (~\$3,000 - \$5,000).
- **Calibration:** 5-second process and 100% repeatable on Boost 2. AlterG requires 1 minute and the user to be completely still.

2.- KEY FEATURES

WEIGHT REDUCTION:

Adjustable between 20% and 100% of your body weight in 1% increments.

SPEED:

From 0.1 mph up to 18 mph, adjustable in 0.1 mph increments.

INCLINE:

Between 0% and 15% grade, in 0.5% increments.

PERFORMANCE METRICS:

Tracks calories, heart rate, relative weight impact, distance, and pace.

VERSATILITY:

Adjustable for users between 4'6" and 7'0" (1.37m - 2.13m). Shorts available from size 2XS to 5XL.

360° GAIT VISIBILITY:

Front and side views of the gait to allow coaches to optimize performance and rehabilitation.

QUALITY THAT LASTS:

Built on the patented Woodway 4Front slat-belt surface, integrating shock absorption technology for unmatched durability.

3.- IMAGES





4.- THE NUMBERS FOR 2 UNITS:

(Refer to the attached proforma for pricing details)