

Robot Sole Development Requirements Form

Company Information

Company Name

Contact Person

Phone

Email

Country / Region

Robot Information

Robot Type ☐ Humanoid ☐ Quadruped ☐ Wheeled ☐ Arm End-effector ☐ Other _____

Total Machine Weight (kg)

Max Load per Sole

Expected Quantity

Operating Conditions

Walking Speed (m/s)

Walking Scenarios ☐ Flat ☐ Slope ☐ Ditch ☐ Stairs ☐ Gravel ☐ Other _____

Environment ☐ Indoor ☐ Outdoor

Temperature Range (C)

Special Conditions (dust / oil / moisture etc.)

Performance Requirements

Ground Contact & Compliance

Anti-slip ☐ High ☐ Medium ☐ Low

Wear Resistance

Noise Level (dB)

Cushioning

Geometric Interface

Mounting Hole Positions

Bolt Specification

Dimensional Boundaries (L × W × H) (mm)

3D Foot Drawings Available ☐ Yes ☐ No

Other Requirements

Sensor Integration Needs

Test / Acceptance Items

Expected Deliverables ☐ 3D Model ☐ Drawings ☐ BOM ☐ Test Report

Remarks

Note: Free material test pieces can be requested for on-machine verification before mold making - verify material performance at zero cost and reduce mold risk.

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