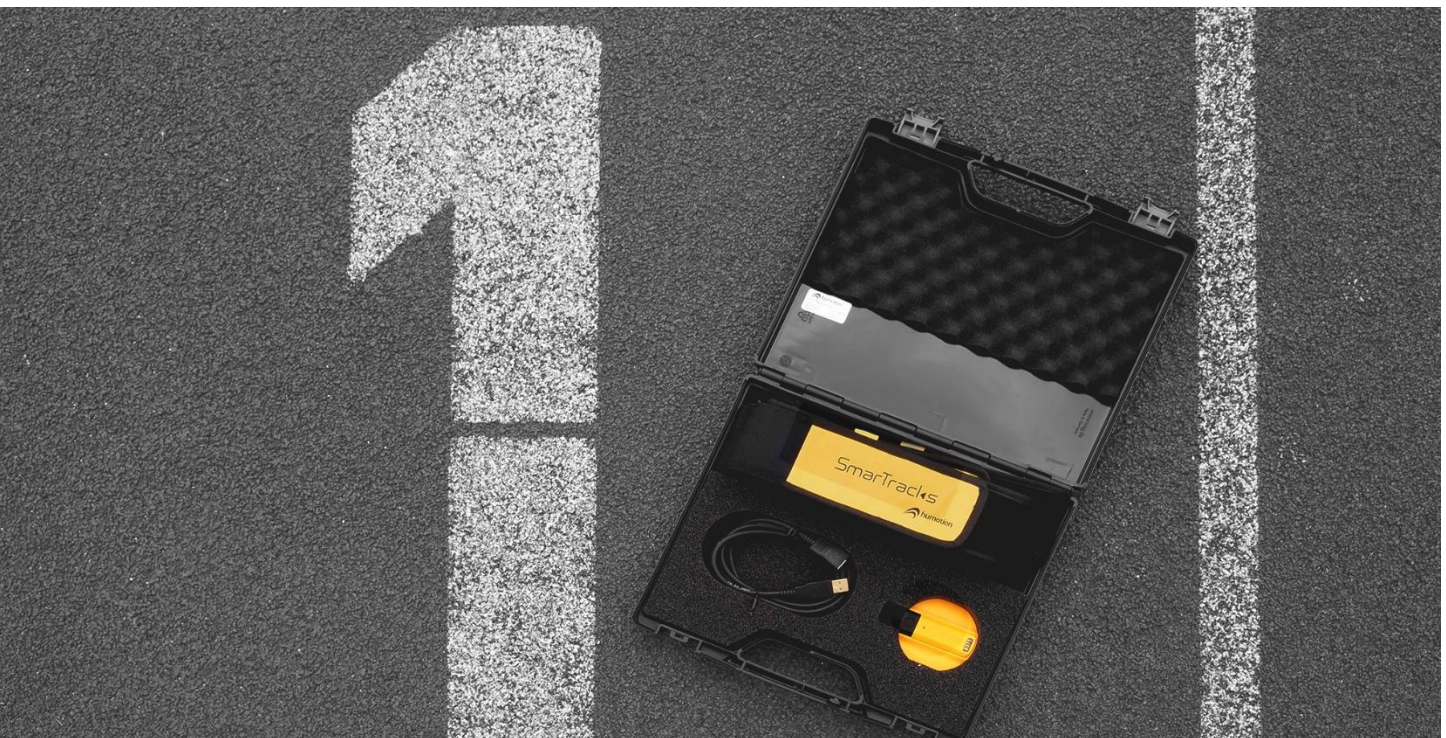
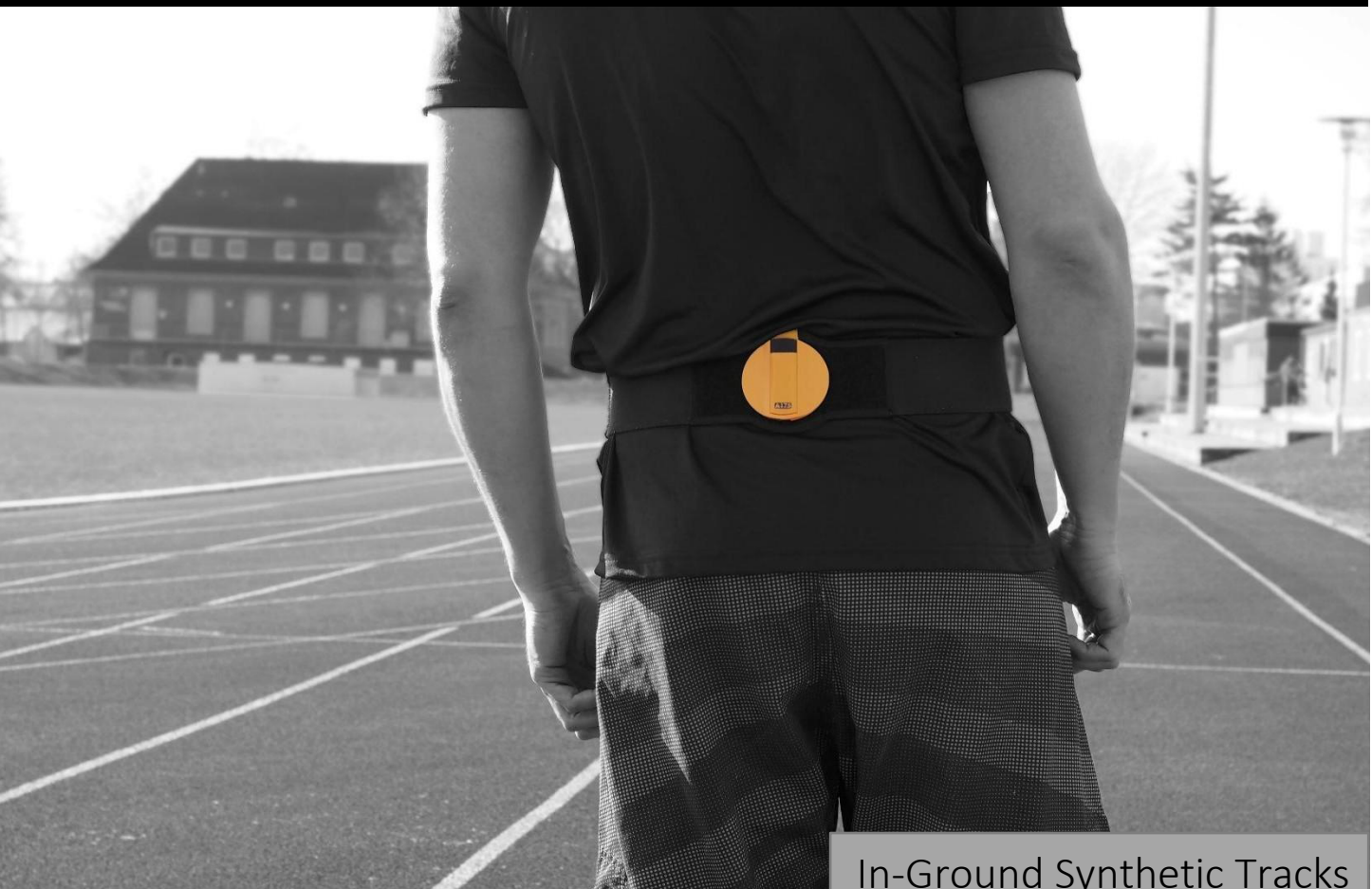




SmarTracks Configuration Standard 2026

A Decision Matrix for Owners & Operators of Sport Facilities



In-Ground Synthetic Tracks

INDEX

Jump straight to any topic. Each discipline section that follows contains, in order:

Complete → Essential → Comparison → Notes

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A Notes page follows each Comparison for your own on-site measurements and observations.

Scan to view our
global locations page:



OVERVIEW

SmarTracks offers a unified ecosystem of timing, diagnostics, and biomechanical measurement solutions for track&field, ball sports and multi-sport environments. SmarTracks is available in portable, in-ground (track/turf/court/trail) and integrated options (hurdles). A higher resolution of timing gates means deeper insights and more result parameters. For each functional area in those options SmarTracks offers two configuration levels, **Essential and Complete**.

This document defines the Essential and Complete configuration levels for 6 functional areas under synthetic tracks. It defines and compares the resulting **twelve SmarTracks configurations** for synthetic tracks into one standardized reference. It gives coaches, sport scientists, and facility managers a clear understanding of how each configuration works, what it is meant for, and how to choose the right level based on their performance and facility needs.

The following pages cover the complete SmarTracks In-ground portfolio under synthetic tracks — from sprints and endurance to jumps, multi-lane, and specialized testing setups.

WHY THESE CONFIGURATIONS ARE STANDARDIZED

Standardization ensures that every test delivers reliable, comparable, and meaningful data across all SmarTracks locations. With consistent spacing, placement, and measurement logic, results remain accurate across athletes, sessions, and facilities.

- **Comparable Performance Data** across training phases and locations
- **High-Resolution Measurement** for deeper insight into technique, pacing, and fatigue
- **Reliable Testing Across Facilities** from schools to high-performance centers
- **Clear, Actionable Feedback** for coaches, athletes and management
- **Seamless Integration into Daily Training** without setup efforts

Note:

The purpose of this document is to help design and select a SmarTracks configuration for the needs of a specific sports location. Additional information on the technical functionality and specifications of SmarTracks can be found here: <https://smartracks.run>

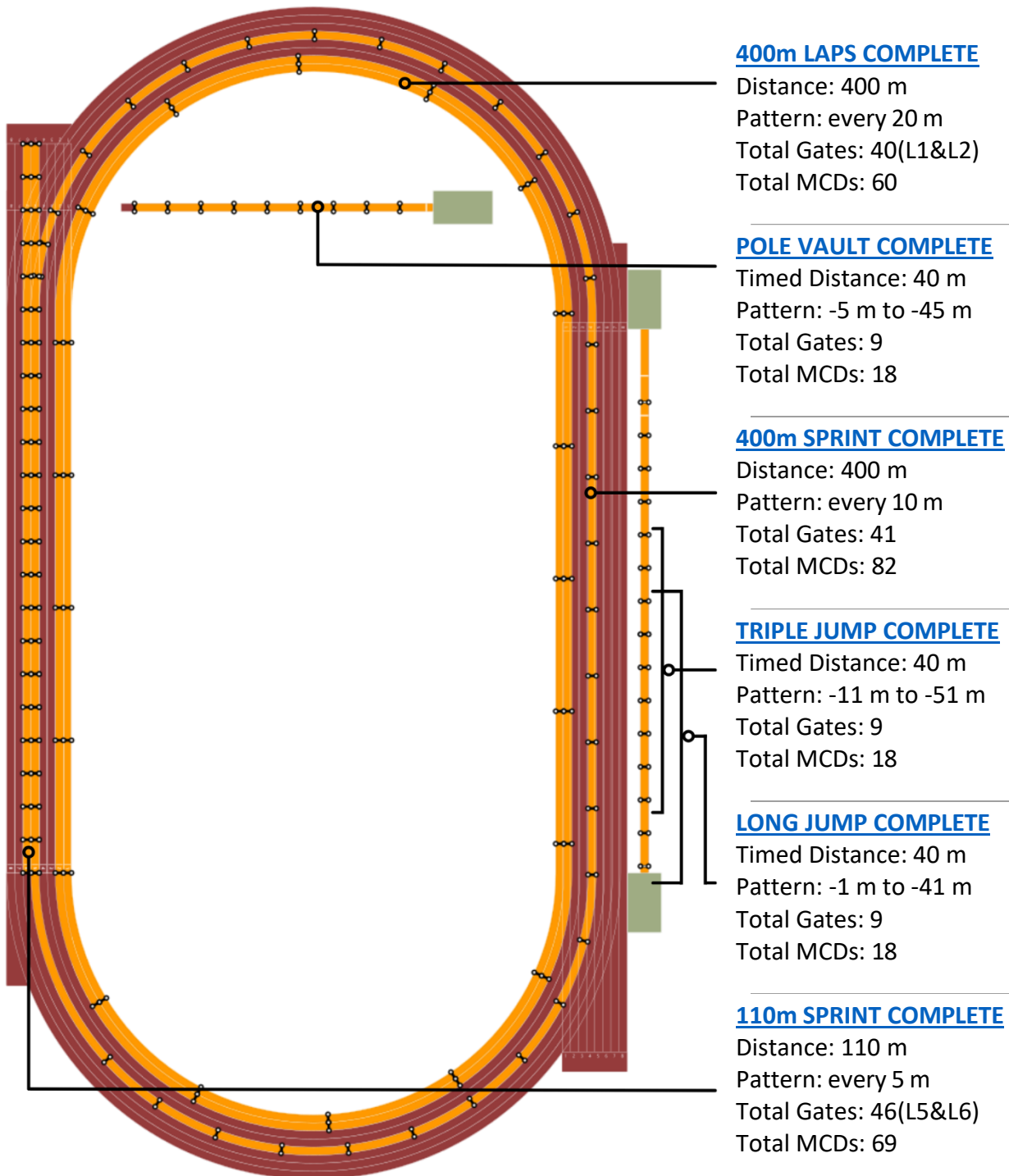
For comparison existing sports locations with embedded SmarTracks functionality can be found on the interactive world map here: <https://locations.smartracks.run>

Each SmarTracks gate is formed by 2 magnetic elements (MCDs) inserted below the surface at the right and left side of a running lane. Additional lanes can be added by adding additional MCDs to the right or left of a gate. Dual lane configurations are always optional and specifically recommended for 400m Laps group running. Any functional area can be configured alone or combined with any other; mixing essential and complete solutions is possible.

The full **SmarTracks Configuration Standard 2026** consists of the following documents

- InGround Synthetic Tracks 2026 v009 (this document)
- InGround Turf & Court 2026 v007 (planned for August 2026)
- Diagnostics Assessments for Training, Scouting and Rehab 2026 v001 (planned for September 2026)

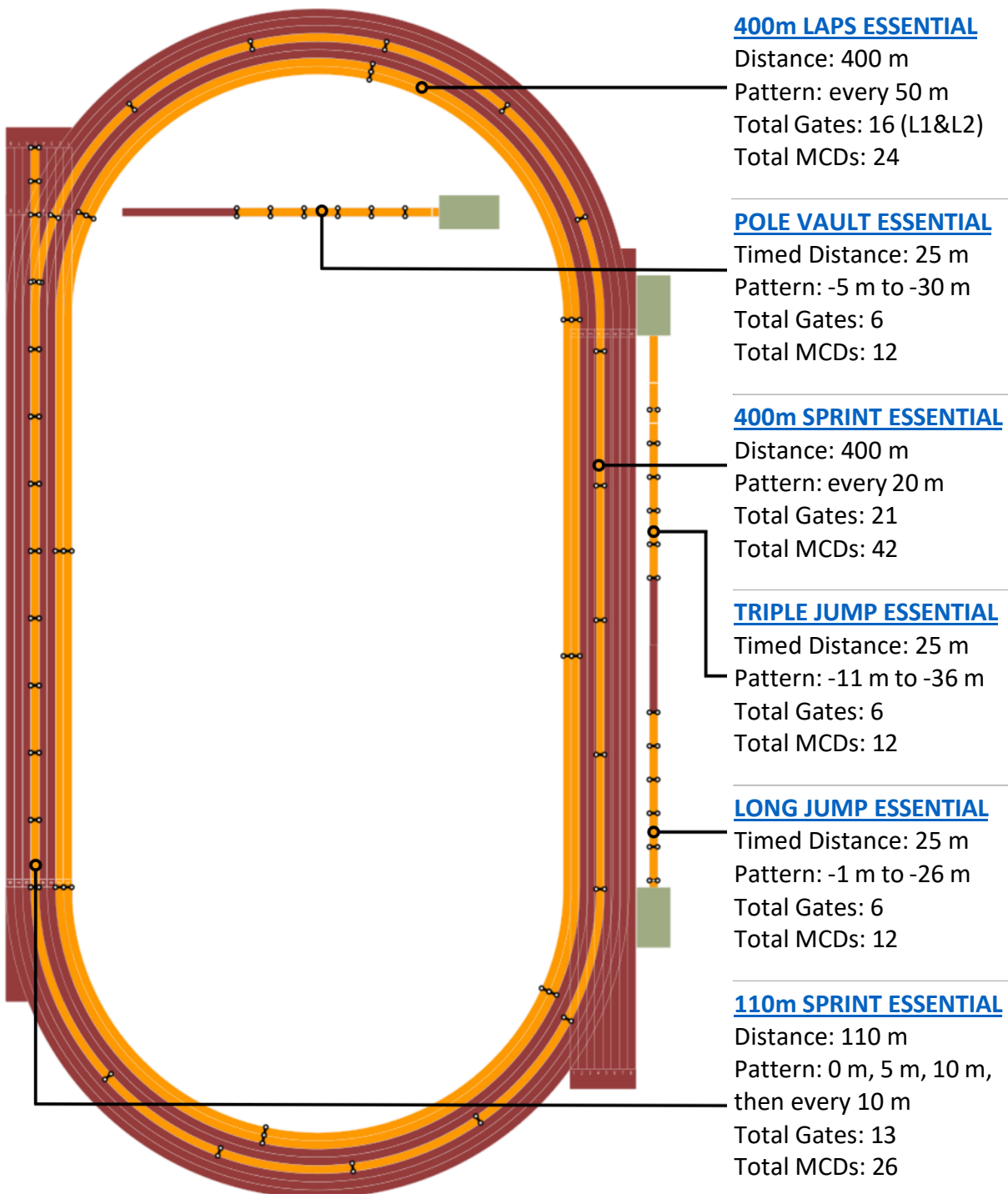
ALL COMPLETE CONFIGURATIONS



SYSTEM COMPONENTS

For the Complete configuration, the system includes **SmarTracks Diagnostics Software**, **Sensor DX5.0 Diagnostics: Qty - 10**, and **Sensor DX5.0 Timing: Qty - 5**, providing simultaneous full measurement capability across all configured test zones.

ALL ESSENTIAL CONFIGURATIONS

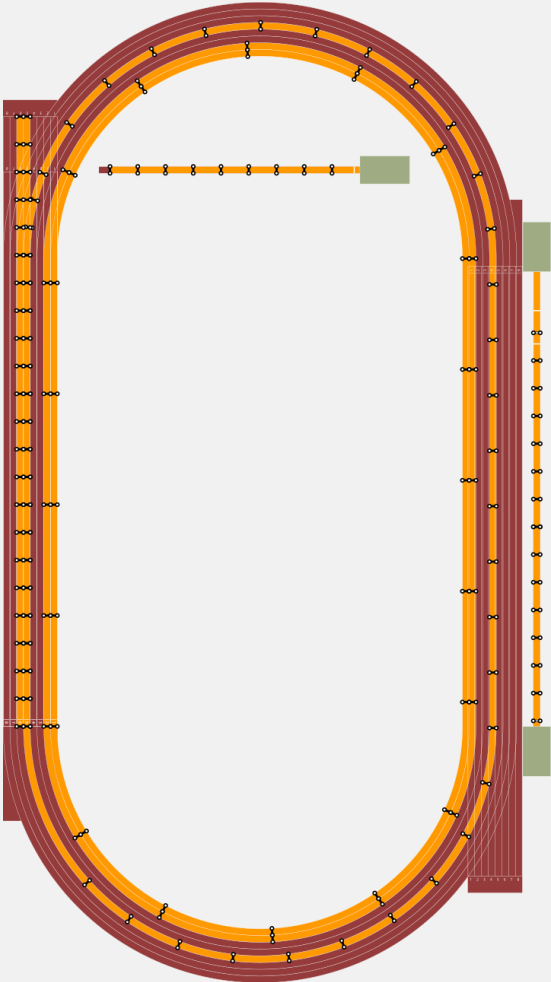


SYSTEM COMPONENTS

For the Essential configuration, the solution includes the **SmartTracks Diagnostics Software**, **Sensor DX5.0 Diagnostics: Qty – 5**, and **Sensor DX5.0 Timing: Qty - 5**, offering a streamlined setup while maintaining simultaneous core timing and diagnostic functionality across the functional areas.

Covers standardized SmarTracks configurations for **400m Laps, 110m Sprint, 400m Sprint, Long Jump, Pole Vault, and Triple Jump.**

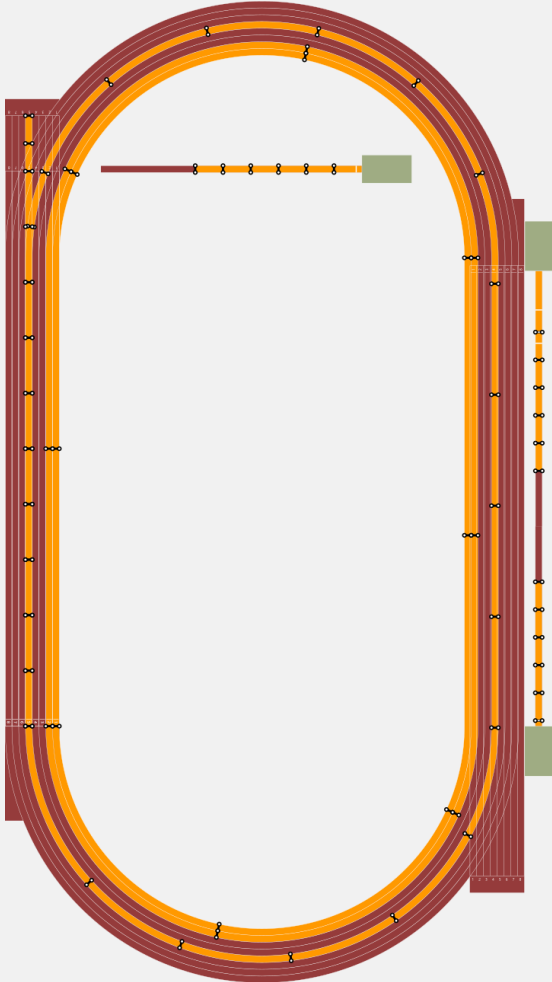
ALL COMPLETE



High-resolution measurement system designed for performance diagnostics, sport science analysis, and elite training environments.

- Dense gate spacing
- Maximum data resolution
- Full acceleration and pacing analysis
- Ideal for performance centers, universities, and elite programs

ALL ESSENTIAL



Streamlined measurement setup provides reliable timing and core diagnostics for daily training and multi-sport environments.

- Key performance checkpoints
- Reduced infrastructure requirements
- Efficient and scalable setup
- Ideal for schools, clubs, and community facilities

CONFIGURATION	ALL COMPLETE	ALL ESSENTIAL
TOTAL MCDS	246	118
TOTAL GATES	145	63

NOTES

GENERAL

Use this space for on-site measurements, facility-specific adjustments, or questions for your SmarTracks consultant.

Turn the page to continue to Laps →

400m LAPS COMPLETE

Designed for endurance and performance analysis, this configuration offers greater split resolution and supports group running as well as simultaneous testing across two lanes. The 20 m spacing enables detailed assessment of pacing, acceleration and fatigue over short-, mid- and long-distance runs, making it ideal for a wide range of disciplines.

It is particularly suited for athletes and coaches who require precise split data for performance tracking, pacing strategies and biomechanical evaluation over the course of a run. The setup also accommodates recreational and health-focused runners while extending the use of the track for standard VO2max test protocols, diagnostics and sport-science applications.

Distance	400 m
Pattern	every 20 m
Total Gates	40 (L1&L2)
Total MCDs	60

WHY THIS CONFIGURATION

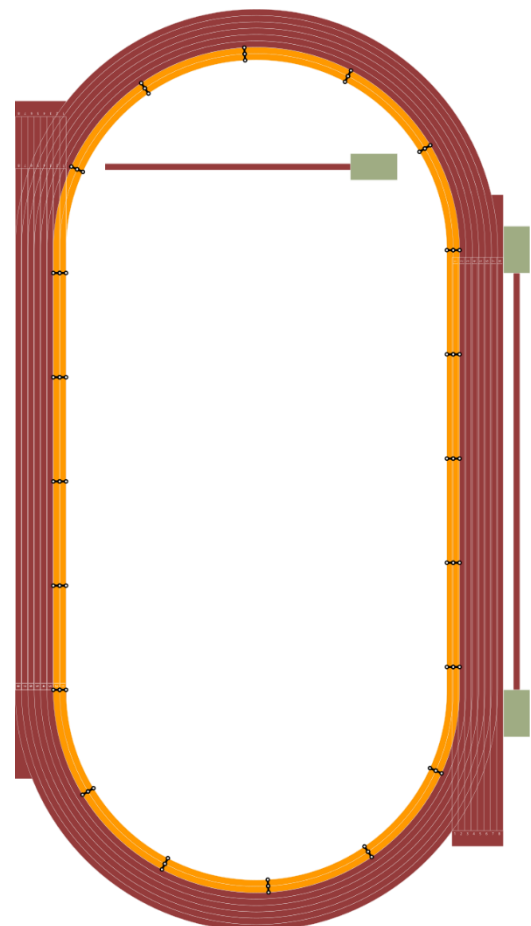
- 20m split results reveal subtle changes in running biomechanics and movement pattern, which is crucial for monitoring fatigue, injury risk and performance development
- Supports endurance performance evaluation through VO2max such as bleep tests with little to no setup time, accurate and automated timing
- Allows group use with overtaking possible, which is ideal for team or institutional setups
- Equally suited for elite athletes and recreational users

HOW IT WORKS

- Gates embedded every 20 m on lanes 1 and 2 – invisible, weatherproof and maintenance-free
- Athletes wear either their own smartphone or a DX sensor as the measuring device, which detects the gates
- Athletes receive 20 split results per lap for time and biomechanical parameters
- Results are available in smartphone apps or software and online

BENEFITS FOR FACILITIES

- Expands the track's function beyond daily training to professional testing and diagnostics
- Supports multiple users at once – no interference, perfect for shared environments and high training demands
- Ready-to-use setup with no installation or preparation time required for events or testing days



400m LAPS ESSENTIAL

Designed for endurance and performance training, it supports long runs, tempo runs, fartlek sessions, and beep tests. The system is already valuable for recreational runners, offering clear insights into health- focused runs — helping athletes understand how they perform, when fatigue occurs, and whether they reach their goals. For professional runners, it provides essential feedback for managing tempo sessions, refining race tactics, and optimizing overall performance.

Its versatility extends across all team sports and high-intensity training (HIT), adaptable to different age groups and performance levels, and equally effective for scouting and talent identification. This broad applicability makes it suitable for use in government facilities, sports schools, universities, performance centers, and athletic clubs.

Distance	400 m
Pattern	every 50 m
Total Gates	8
Total MCDs	16

WHY THIS CONFIGURATION

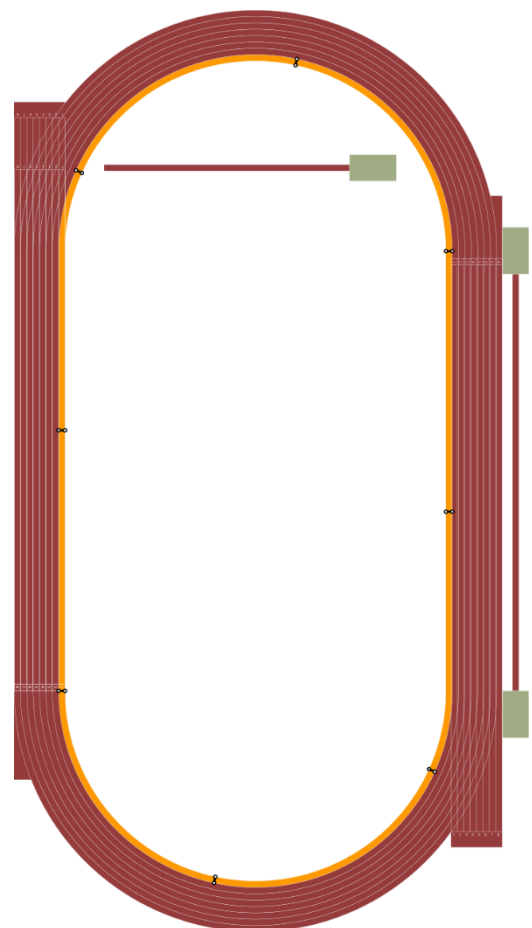
- Standard solution for endurance testing and track- based running, with 50 m splits for precise pacing and detailed intra-lap feedback.
- Ideal for tempo runs, endurance runs, fartlek sessions and standard test protocols, supporting both recreational runners (fatigue tracking, goal progress) and professionals (refining tempo, tactics and endurance efficiency).
- Measures multiple athletes simultaneously—even with overtaking—and offers a scalable setup for community tracks, clubs, schools and performance centers.

HOW IT WORKS

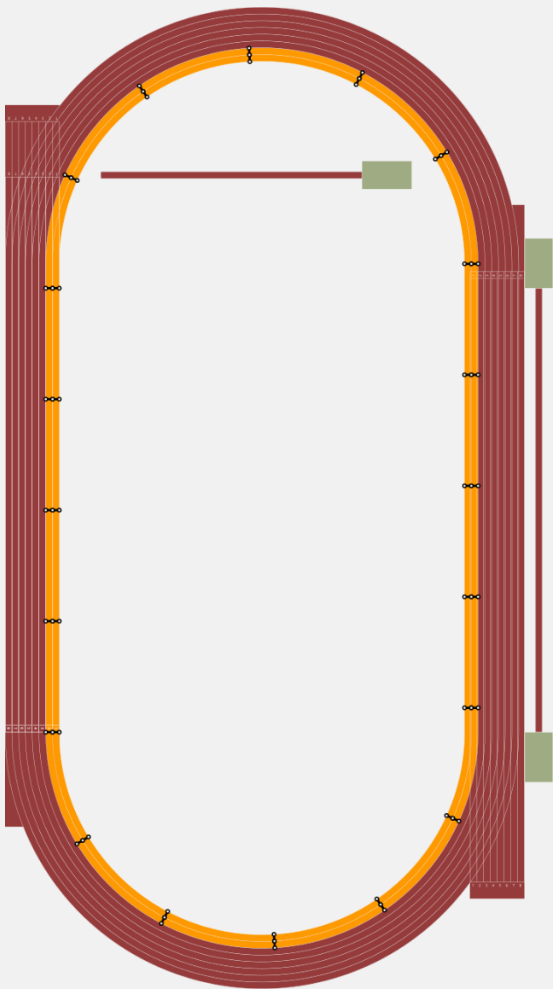
- Gates embedded every 50 m on lane 1 — invisible, weatherproof, and maintenance-free
- Can be extended to a two-lane setup
- Athletes wear either their own smartphone or a DX sensor as the measuring device, which detects the gates
- Athletes receive 8 split results per lap for time and biomechanical parameters
- The results are available in smartphone apps or software and online

BENEFITS FOR FACILITIES

- Added community value – this setup ensures the facility is engaging for everyone, supporting community use from recreational runners to athletes of all levels
- Optimized for running laps and endurance sessions but adaptable for tempo runs, HIIT and testing



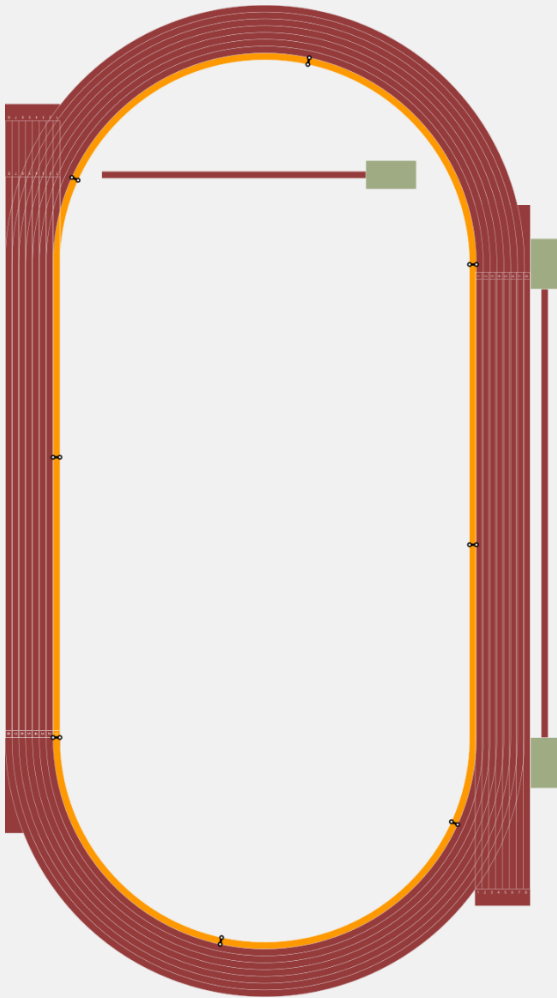
ALL COMPLETE



High-resolution lap measurement system designed for detailed endurance diagnostics, pacing analysis, and sport science applications.

- 20 m splits across full lap
- Detects intra-lap pace variation
- Identifies fatigue onset points
- Supports race pacing analysis

ALL ESSENTIAL



Streamlined lap measurement setup provides reliable split timing for endurance training, tempo runs, and general fitness sessions.

- 50 m splits across the lap
- Tracks lap-level pace consistency
- Provides key pacing checkpoints
- Suitable for group training use

FEATURE	COMPLETE	ESSENTIAL
DISTANCE	400 m	400 m
SPLIT PATTERN	every 20 m	every 50 m
TOTAL GATES	40 (L1&L2)	8 (L1)
TOTAL MCDS	60	16
MEASUREMENT RESOLUTION	High-resolution splits	Standard split intervals

NOTES

LAPS

Use this space for on-site measurements, facility-specific adjustments, or questions for your SmarTracks consultant.

Turn the page to continue to Linear Sprint →

110m SPRINT COMPLETE

Measuring sprint performance every 5 m with SmarTracks transforms one overall sprint time into a detailed sprint profile. This configuration also covers the full 100 m sprint – the world’s most iconic track & field event – while also supporting all training distances, performance diagnostics setup and hurdling. One installation serves athletes of all levels, school sprint distances and team sports alike, from amateur to elite.

WHY THIS CONFIGURATION

- Covers the 100 m sprint – the world’s #1 track & field event
- Works for all training distances
- Supports hurdling as well as performance diagnostics
- One installation serves athletics, school sprint distances and team sports – from amateur to elite level

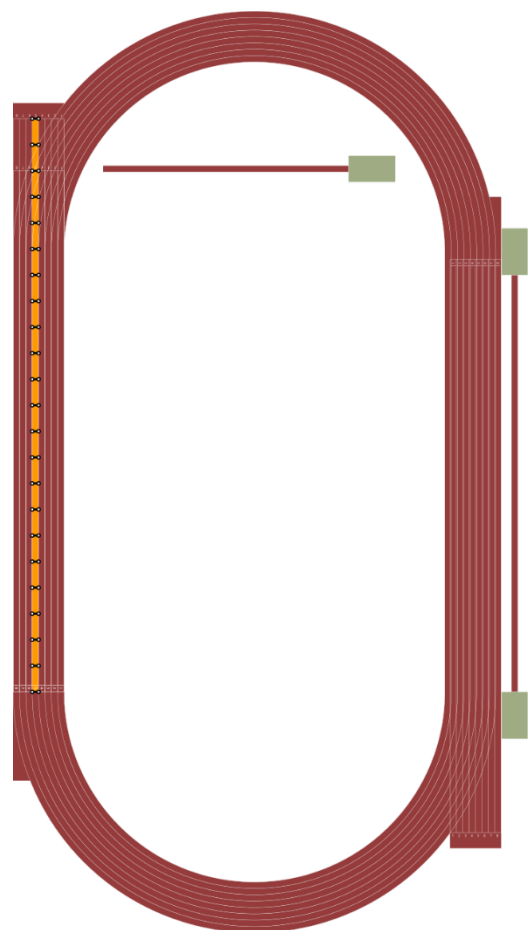
Distance	110 m
Pattern	every 5 m
Total Gates	23
Total MCDs	46

HOW IT WORKS

- Gates embedded every 5 m – invisible, weatherproof, no maintenance, no set up time
- Athletes wear lightweight sensors or smartphone as measuring device; data is captured automatically
- Delivers precise splits, speed profiles, and sprint analysis

BENEFITS FOR FACILITIES

- Enables detailed sprint diagnostics with high- resolution split timing across the entire sprint distance
- Supports precise analysis of acceleration, maximum speed, and fatigue patterns
- Ideal for elite training environments, sports science programs, and high-performance facilities
- Maximizes facility value by supporting both daily training and advanced testing



110m SPRINT ESSENTIAL

This configuration offers a future-proof infrastructure for any sports facility – already delivering the key benefits of sprint split measurements, while also providing a solid foundation that can be further enhanced if needed. With gates installed at the start (0 m), key initial acceleration points

(5 m, 10 m), and then every 10 m up to 110 m, this layout enables both detailed sprint diagnostics and long-term use across multiple sports and user groups.

WHY THIS CONFIGURATION

- Covers the 100 m sprint – the world's #1 track & field event
- Also includes key training intervals and the 110 m hurdle distance
- Perfect for performance diagnostics and sprint profiling
- Optimized for multi-sport, multi-user and multi-level environments
- Installation covers high professional athletes, team sports, basic diagnostics and PE

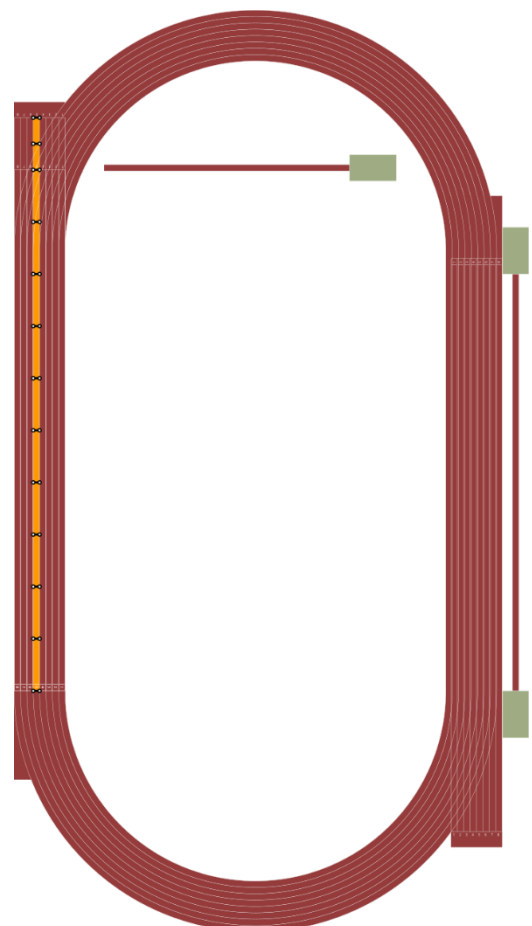
Distance	110 m
Pattern	0 m, 5 m, 10 m, then every 10 m
Total Gates	13
Total MCDs	26

HOW IT WORKS

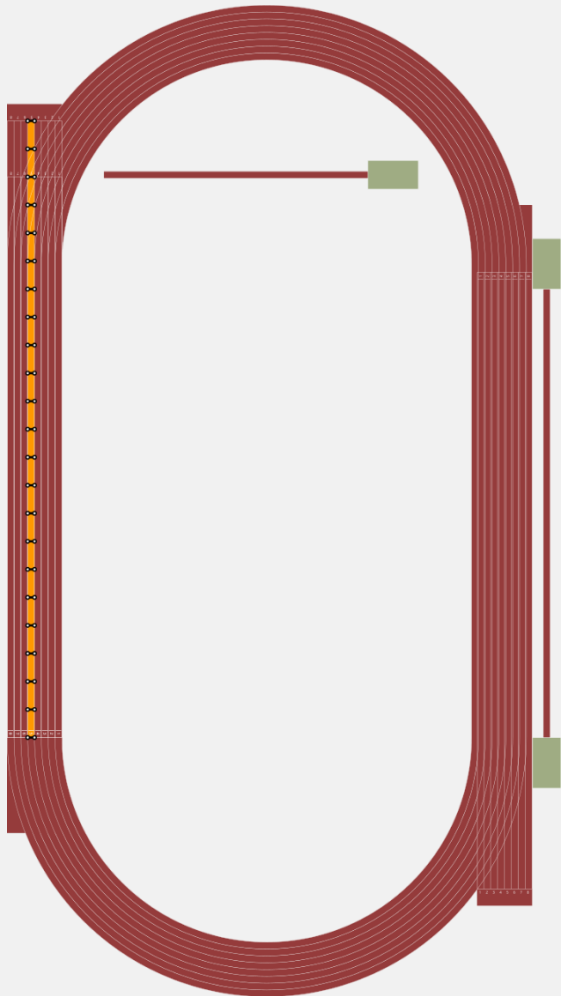
- Gates embedded every 5 m for the first 10 m, then at every 10 m for the total distance of 110 m – invisible, weatherproof, no maintenance, no set up time
- Athletes wear lightweight sensors or smartphone as measuring device; data is captured automatically
- Delivers precise splits, speed profiles, and sprint analysis

BENEFITS FOR FACILITIES

- One setup – all sprints covered
- Ideal for schools, athletics, and ambitious athlete settings – supports PE, performance testing, and daily training



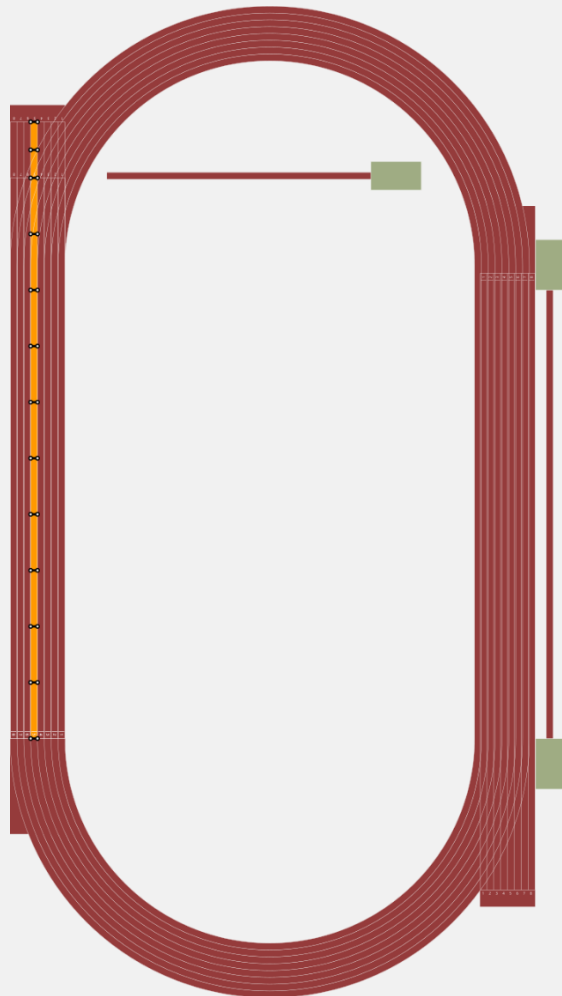
COMPLETE



High-resolution sprint measurement system designed for detailed acceleration, speed profiling, and diagnostics across the full sprint distance.

- Dense 5 m split spacing
- Full sprint performance profiling
- Detailed acceleration and speed analysis
- Ideal for elite sprint diagnostics

ESSENTIAL



Streamlined sprint timing setup provides reliable split timing for sprint training, multi-sport testing, and performance monitoring.

- Key acceleration checkpoints
- Lower infrastructure needs
- Efficient, scalable setup
- Ideal for schools, clubs, and team sports

FEATURE	COMPLETE	ESSENTIAL
DISTANCE	110 m	110 m
SPLIT PATTERN	every 5 m	0 m, 5 m, 10 m, then every 10 m
TOTAL GATES	23	13
TOTAL MCDS	46	26
MEASUREMENT RESOLUTION	High-resolution splits	Key split checkpoints

NOTES

100m SPRINT

Use this space for on-site measurements, facility-specific adjustments, or questions for your SmarTracks consultant.

Turn the page to continue to Long Jump →

400m SPRINT COMPLETE

Specifically tailored for 400 m sprint and 400 m hurdles training, this setup features timing gates placed every 10 m along lane 5, enabling precise split-time recording and continuous speed profiling over the entire distance. The 10 m spacing allows detailed analysis of rhythm changes, transition phases, and stride adjustments – particularly valuable for assessing controlled acceleration, maintenance of top speed and fatigue effects on the home straight. Suitable for all types of tempo and race-specific training runs, it provides coaches and athletes with feedback for refining pacing strategy, rhythm consistency between hurdles and overall sprint efficiency. Ideal for advanced sprint programs at universities, clubs and performance centers.

WHY THIS CONFIGURATION

- Provides high-resolution split data for precise analysis of every 10 m segment
- Highlights pacing strategy, rhythm shifts and fatigue patterns
- Built for daily training – unmatched detail for every training run

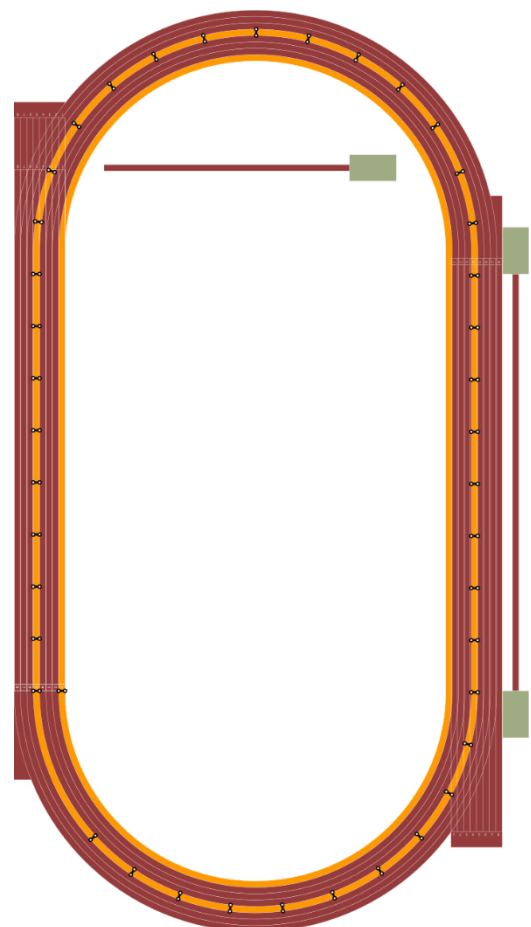
Distance	400 m
Pattern	every 10 m
Total Gates	41
Total MCDs	82 (63 if combined with 110m Sprint)

HOW IT WORKS

- Gates embedded every 10 m for 400 m – invisible, weatherproof and maintenance-free
- Athletes wear lightweight sensors or a smartphone; data is captured automatically
- Devices detect the gates automatically, providing precise splits and performance parameters
- Results available in smartphone apps or software and online

BENEFITS FOR FACILITIES

- Enables immediate, high-resolution sprint analysis for every training session with zero set up time
- Saves valuable coaching time while ensuring maximum measurement accuracy
- Combines convenience of a fixed system with the analytical depth of a lab environment



400m SPRINT ESSENTIAL

Specifically designed for 400 m sprint and 400 m hurdles training, this configuration features timing gates placed every 20 m along lane 5, providing reliable split-time data and a clear overview of pacing and rhythm throughout the lap. The 20 m spacing captures key phases of acceleration, speed maintenance and the final straight, making it ideal for monitoring overall race distribution and consistency across training runs. Well-suited for tempo sessions and event-specific preparation, it supports effective performance tracking and development with no setup. Perfect for universities, clubs and performance centers looking for an efficient, easy-to-use sprint analysis solution.

WHY THIS CONFIGURATION

- Provides accurate split data for meaningful 20 m segment analysis
- Reveals pacing, rhythm and sprint-endurance patterns across the full 400 m
- Built for everyday training – efficient setup with essential performance insights

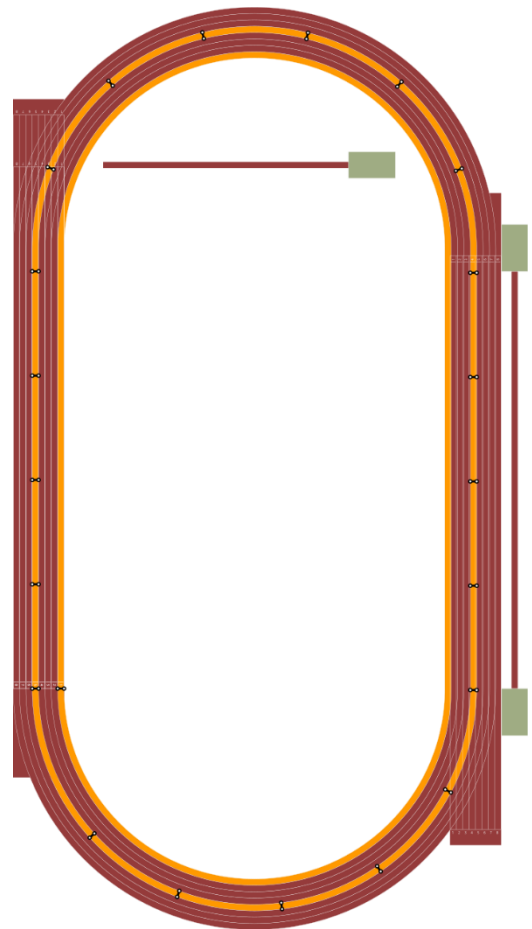
Distance	400 m
Pattern	every 20 m
Total Gates	21
Total MCDs	42 (32 if combined with 110m Sprint)

HOW IT WORKS

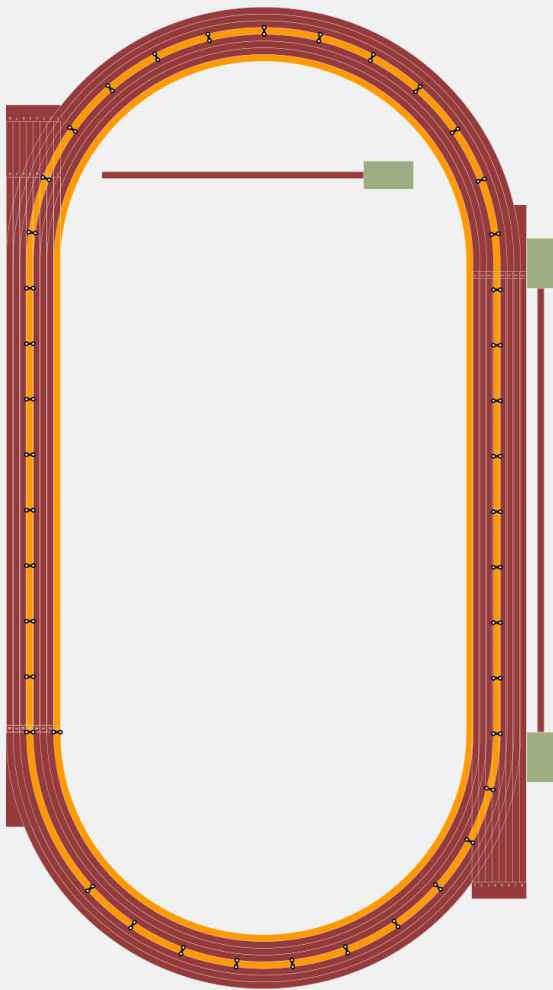
- Gates embedded every 20 m for 400 m – invisible, weatherproof and maintenance-free
- Athletes wear lightweight sensors or a smartphone; data is captured automatically
- Devices detect the gates automatically, providing precise splits and performance parameters
- Results available in smartphone apps or software and online

BENEFITS FOR FACILITIES

- Enables immediate, high-resolution sprint analysis for every training session with zero set up time
- Saves valuable coaching time while ensuring maximum measurement accuracy
- Combines convenience of a fixed system with the analytical depth of a lab environment



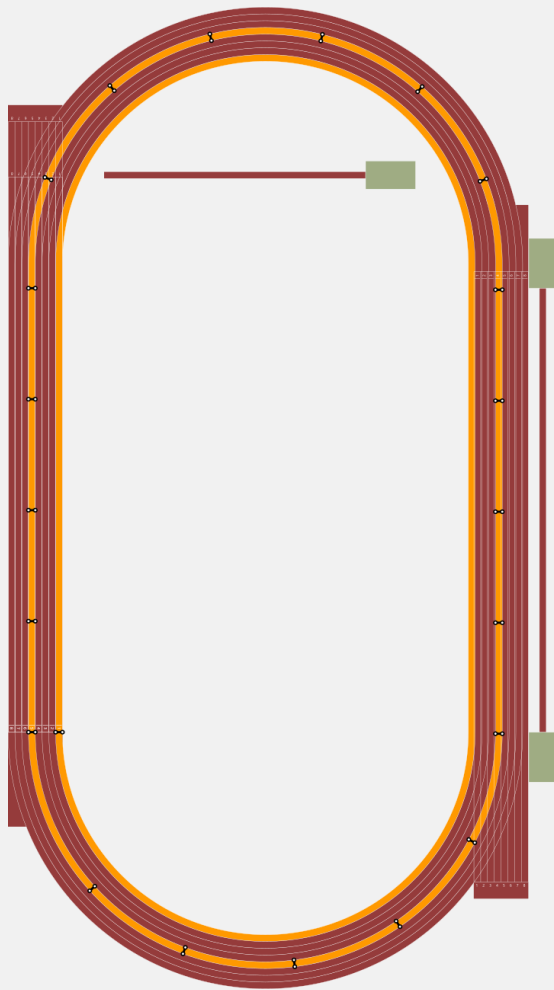
COMPLETE



High-resolution 400 m sprint measurement system designed for detailed pacing diagnostics, rhythm analysis, and fatigue monitoring across the full lap.

- Dense 10 m split spacing
- High-resolution pacing analysis
- Detects rhythm shifts and fatigue patterns
- Ideal for elite sprint programs

ESSENTIAL



Streamlined 400 m sprint measurement setup providing reliable pacing feedback for training sessions and race preparation.

- Key pacing checkpoints
- Lower infrastructure needs
- Efficient, scalable setup
- Ideal for clubs and training environments

FEATURE	COMPLETE	ESSENTIAL
DISTANCE	400 m	400 m
SPLIT PATTERN	every 10 m	every 20 m
TOTAL GATES	41	21
TOTAL MCDS	82 (63 if combined with 110m Sprint)	42 (32 if combined with 110m Sprint)
MEASUREMENT RESOLUTION	High-resolution splits	Standard split intervals

NOTES

400m SPRINT

Use this space for on-site measurements, facility-specific adjustments, or questions for your SmarTracks consultant.

Turn the page to continue to Long Sprint →

LONG JUMP COMPLETE

Specifically designed for long jump training, this setup captures every key moment of the approach with gates placed at 5 m intervals up to 41 m back from the take-off board. It enables detailed analysis of acceleration, stride patterns and technique throughout the full run-up, supporting focused development for jumpers of all ages and performance levels. Ideal for athlete development, in depth run-up analysis and performance monitoring. This configuration is perfectly suited for use in universities, athletic clubs and performance centers.

WHY THIS CONFIGURATION

- Covers the full 41 m run-up back from the take-off board
- Full in-depth run-up tracking (acceleration, rhythm, step pattern) and monitoring of key jump- performance parameters (velocity, step length, step frequency and ground contact) help build an optimal approach and ensure a well-timed, efficient take-off

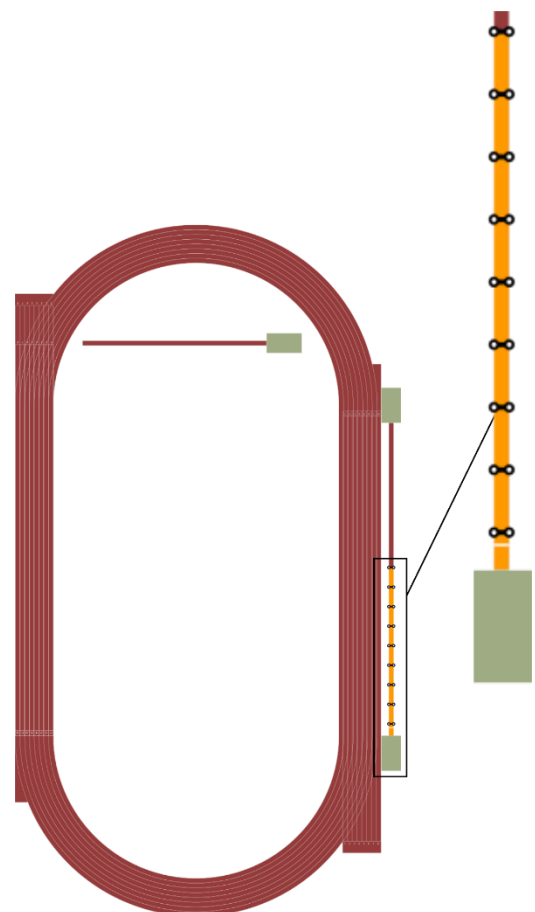
Timed Distance	40 m
Pattern	-1 m, -6 m, -11 m...-41 m
Total Gates	9
Total MCDs	18

HOW IT WORKS

- Gates embedded every 5 m from -1 m to -41 m – invisible, weatherproof and maintenance-free
- Athletes wear lightweight sensors; data is captured automatically
- Devices detect the gates automatically, providing precise splits and performance parameters
- Results available in smartphone apps or software and online

BENEFITS FOR FACILITIES

- One setup for all jump training levels – elite, school and recreational
- Enables precise run-up and take-off analysis
- Maintenance-free, no set up and ready for high training frequency



LONG JUMP ESSENTIAL

Specifically designed for long jump training, this setup focuses on the most crucial part of the approach. With gates positioned at 5 m intervals up to 26 m back from the take-off board, it captures the key phases of acceleration and rhythm leading into take-off. Ideal for targeted training and performance monitoring, it provides valuable insights into stride patterns and approach consistency without requiring a full-length runway. Perfect for universities, athletic clubs and performance centers seeking an efficient solution for long jump analysis and athlete development.

WHY THIS CONFIGURATION

- Covers 26 m run-up back from the take-off board
- Focused run-up tracking of key approach phases (acceleration, rhythm, step pattern) and monitoring of key jump-performance parameters (velocity, step length, step frequency and ground contact) help build an optimal approach and ensure a well-timed, efficient take-off

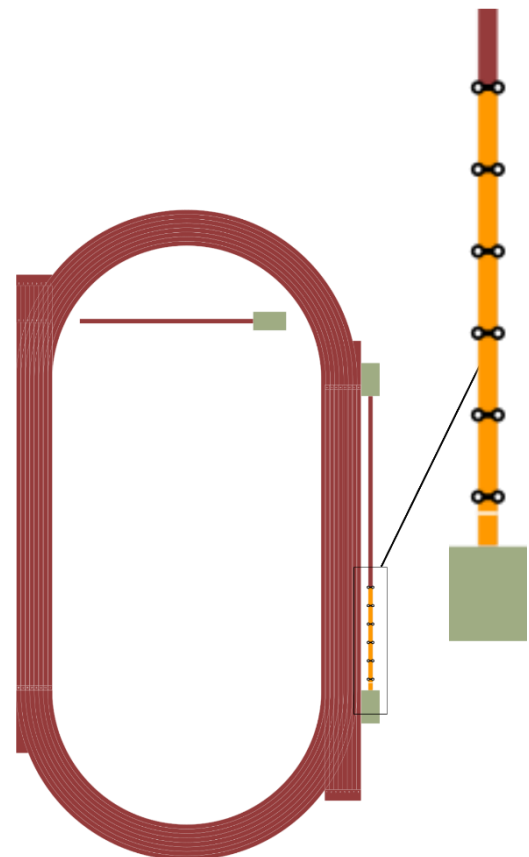
Timed Distance	25 m
Pattern	-1 m, -6 m, -11 m...-26 m
Total Gates	6
Total MCDs	12

HOW IT WORKS

- Gates embedded every 5 m from -1 m to -26 m – invisible, weatherproof and maintenance-free
- Athletes wear lightweight sensors; data is captured automatically
- Devices detect the gates automatically, providing precise splits and performance parameters
- Results available in smartphone apps or software and online

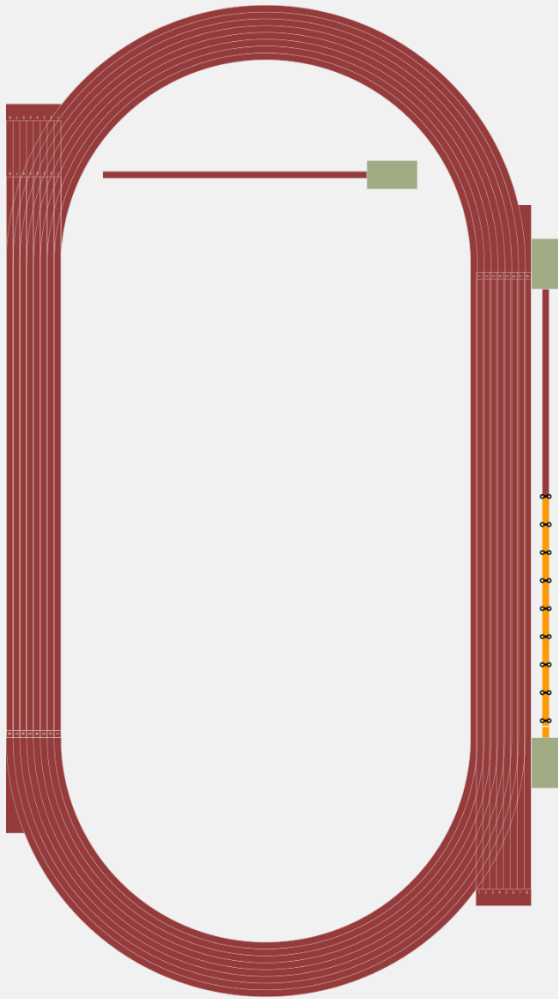
BENEFITS FOR FACILITIES

- One setup for all jump training levels – elite, school and recreational
- Enables precise run-up and take-off analysis
- Maintenance-free, no set up and ready for high training frequency



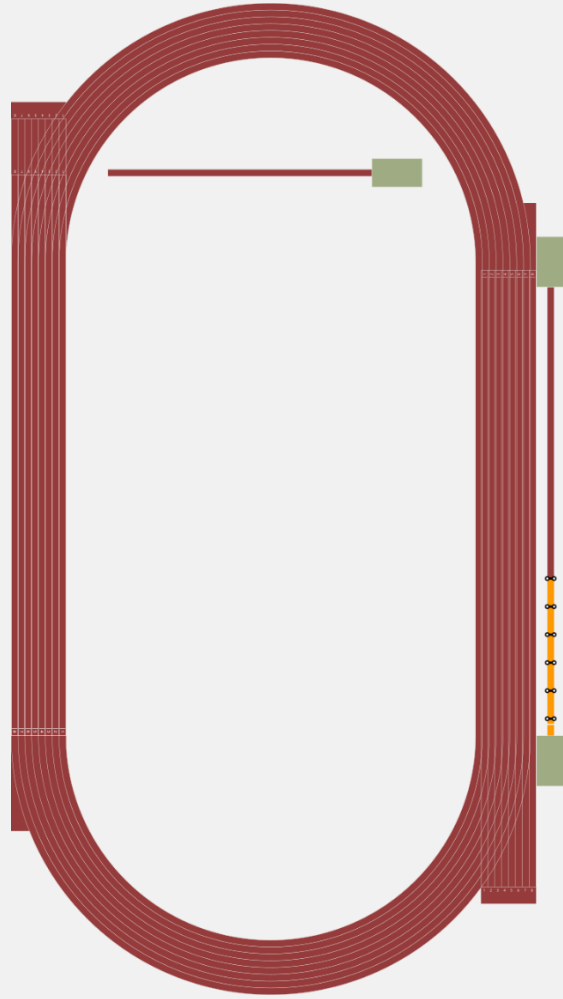
COMPLETE

ESSENTIAL



High-resolution long jump run-up measurement system capturing detailed acceleration, stride rhythm, and approach consistency across the run-up.

- Full run-up coverage
- Detailed stride rhythm analysis
- Acceleration and approach monitoring
- Ideal for elite jump training



Focused long jump run-up measurement system capturing the key phases of the approach for training and technique development.

- Key run-up checkpoints
- Reduced infrastructure needs
- Efficient training setup
- Ideal for schools and clubs

FEATURE	COMPLETE	ESSENTIAL
TIMED DISTANCE	40 m	25 m
SPLIT PATTERN	every 5 m	every 5 m
TOTAL GATES	9	6
TOTAL MCDS	18	12
MEASUREMENT RESOLUTION	Full run-up coverage	Partial run-up coverage

NOTES

LONG SPRINT

Use this space for on-site measurements, facility-specific adjustments, or questions for your SmarTracks consultant.

Turn the page to continue to Pole Vault →

POLE VAULT COMPLETE

Designed specifically for pole vault training, supporting both short and long run-ups as well as technical drills to enhance performance. It is suitable for athletes of all ages and performance levels, making it an effective tool for skill development in pole vaulting. Its adaptable design makes it ideal for use in sports schools, universities, performance courts, and athletic clubs.

WHY THIS CONFIGURATION

- Enables in depth run-up analysis with high-resolution data every 5 meters over 40 meters
- Captures step count, velocity, frequency and acceleration from the very first stride
- Equally valuable for elite vaulters, school programs, track and field clubs, performance centers and universities
- Helps coaches evaluate acceleration, timing, rhythm and take-off readiness using precise data

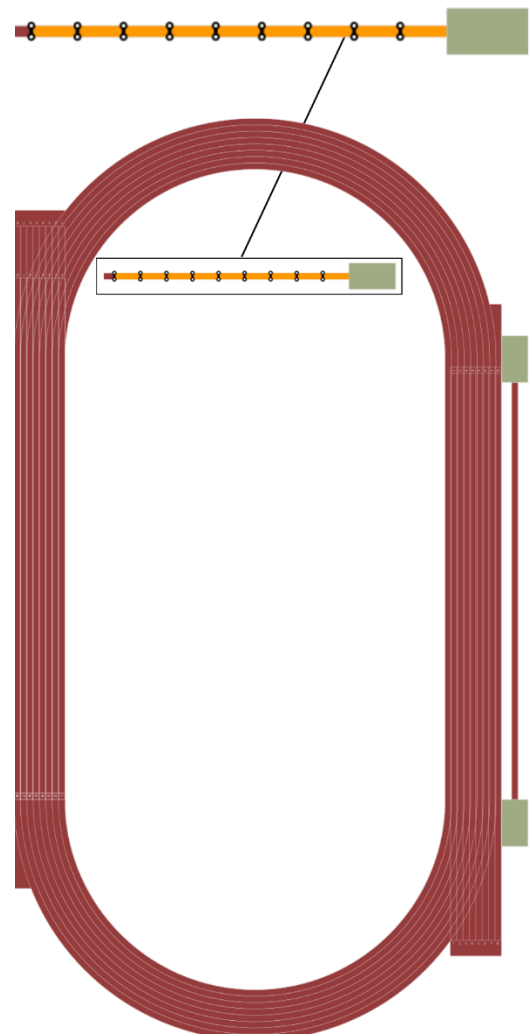
Timed Distance	40 m
Pattern	-5 m, -10 m, -15 m...-45 m
Total Gates	9
Total MCDs	18

HOW IT WORKS

- In-ground gates placed every 5 meters across a 45-meter runway capture nearly every step of the approach
- Athletes wear lightweight sensors; data is captured automatically
- Devices detect the gates automatically, providing precise splits and performance parameters
- Results available in smartphone apps or software and online

BENEFITS FOR FACILITIES

- Precise pole vault diagnostics with full run-up coverage
- No setup required
- Poles cannot interfere with timing gates or their operation, no false triggering or kicking over



POLE VAULT ESSENTIAL

Designed specifically for pole vault training, supporting both short and long run-ups as well as technical drills to enhance performance. It is suitable for athletes of all ages and performance levels, making it an effective tool for skill development in pole vaulting. Its adaptable design makes it ideal for use in sports schools, universities, performance courts, and athletic clubs.

WHY THIS CONFIGURATION

- Enables accurate run-up diagnostics with 25 m coverage starting at -5 m
- Captures velocity, step length, frequency, and step count from mid-mark (~17 m) onward
- Covers both short (12-step) and full run-ups in junior pole vaulting
- Helps coaches evaluate acceleration, timing, rhythm and take-off readiness using precise data

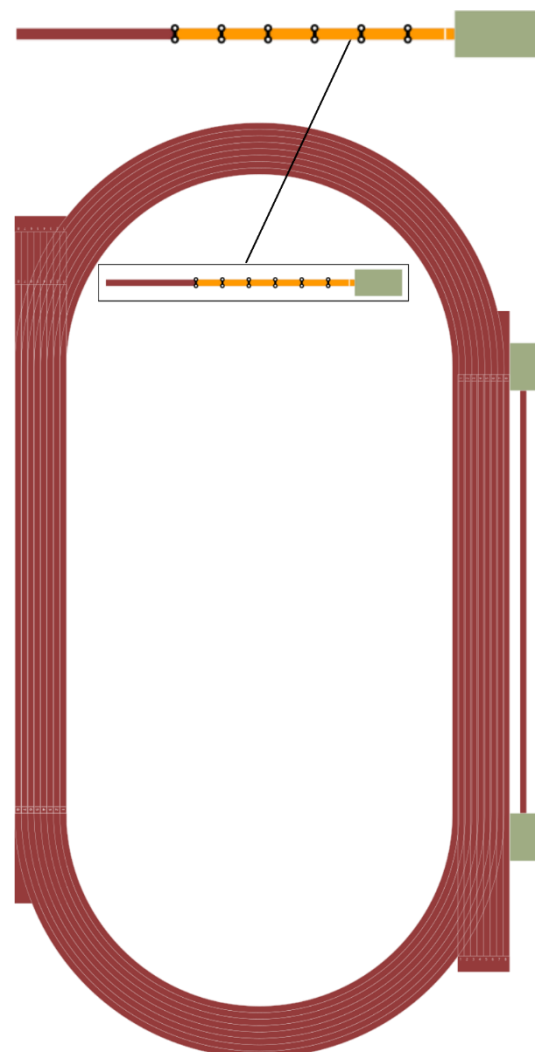
Timed Distance	25 m
Pattern	-5 m, -10 m, -15 m...-30 m
Total Gates	6
Total MCDs	12

HOW IT WORKS

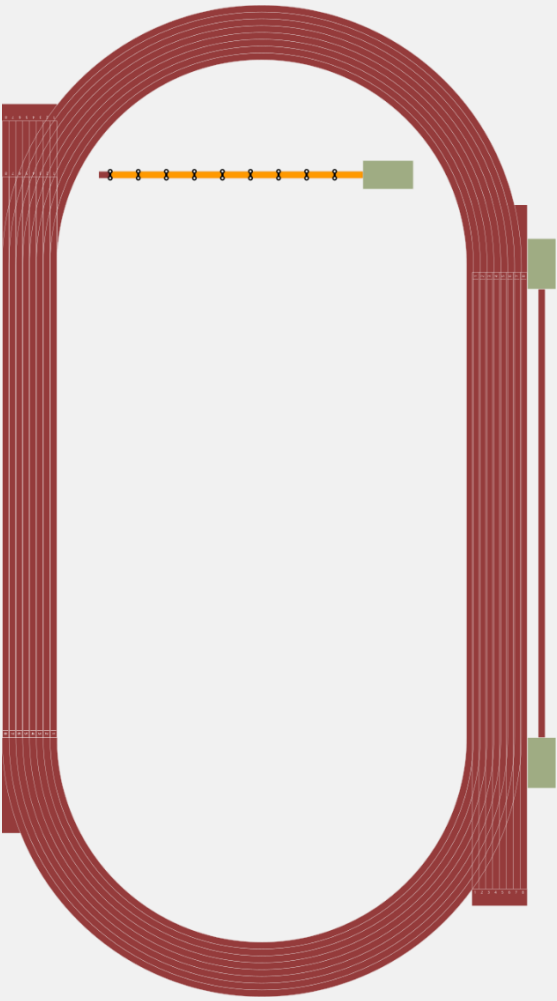
- In-ground gates placed every 5 meters across a 25-meter runway support insight into the key phase of the approach
- Athletes wear lightweight sensors; data is captured automatically
- Devices detect the gates automatically, providing precise splits and performance parameters
- Results available in smartphone apps or software and online

BENEFITS FOR FACILITIES

- Run-up diagnostics for junior and elite pole vaulters
- No setup required
- Poles cannot interfere with timing gates or their operation, no false triggering or kicking over



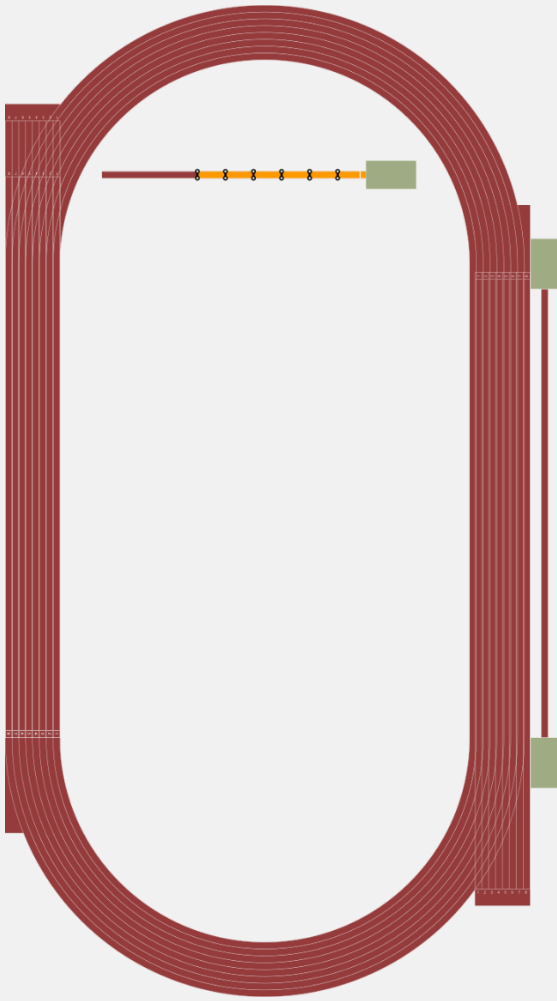
COMPLETE



High-resolution run-up measurement system designed for full approach analysis, step rhythm control, and plant preparation.

- Full runway coverage
- 5 m splits across approach
- Tracks step rhythm and timing
- Supports plant timing control

ESSENTIAL



Standard run-up measurement setup focuses on key approach phases for training and technique development.

- Partial runway coverage
- 5 m splits in key phases
- Tracks step rhythm consistency
- Suitable for training setups

FEATURE	COMPLETE	ESSENTIAL
TIMED DISTANCE	40 m	25 m
SPLIT PATTERN	every 5 m (-5m to -45m)	every 5 m (-5m to -30m)
TOTAL GATES	9	6
TOTAL MCDS	18	12
MEASUREMENT RESOLUTION	Full run-up coverage	Key approach coverage

NOTES

POLE VAULT

Use this space for on-site measurements, facility-specific adjustments, or questions for your SmarTracks consultant.

Turn the page to continue to Triple Jump →

TRIPLE JUMP COMPLETE

Specifically designed for triple jump training, this system captures short and long run-ups while providing detailed analysis of each phase. It delivers precise step-by-step metrics such as step length, ground contact time and velocity throughout the approach, enabling focused development of technique and consistency. Suitable for athletes of all ages and performance levels, it supports targeted run-up training and performance monitoring. Its accuracy and versatility make it ideal for universities, performance centers and athletic clubs dedicated to advancing triple jump technique and results.

WHY THIS CONFIGURATION

- Covers the full triple jump approach with 40 m of measurement with gates spaced every 5 meters
- Captures the full run-up to provide a complete view of approach rhythm, stride pattern and acceleration

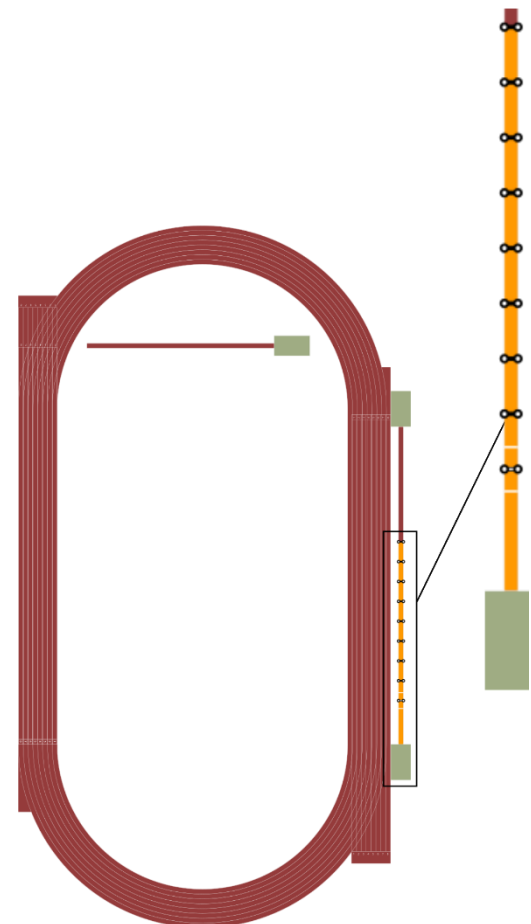
Timed Distance	40 m
Pattern	-11 m, -16 m, -21 m...-51 m
Total Gates	9
Total MCDs	18

HOW IT WORKS

- In-ground gates placed every 5 meters across a 40-meter runway capture every step of the approach
- Athletes wear lightweight sensors; data is captured automatically
- Devices detect the gates automatically, providing precise splits and performance parameters
- Results available in smartphone apps or software and online

BENEFITS FOR FACILITIES

- High-resolution diagnostics for triple jump technique and approach optimization
- Ideal for clubs, universities and performance centers focused on triple jump



TRIPLE JUMP ESSENTIAL

Specifically designed for triple jump training, this system captures the most crucial part of short and long run-ups while providing detailed analysis of each phase. It delivers precise step-by-step metrics such as step length, ground contact time and velocity throughout the approach, enabling focused development of technique and consistency. Suitable for athletes of all ages and performance levels, it supports targeted run-up training and performance monitoring. Its accuracy and versatility make it ideal for universities, performance centers and athletic clubs dedicated to advancing triple jump technique and results.

WHY THIS CONFIGURATION

- Covers the most crucial part of the triple jump approach with 25 m of measurement with gates spaced every 5 meters
- Captures key phases of the run-up to provide a complete view of approach rhythm, stride pattern and acceleration

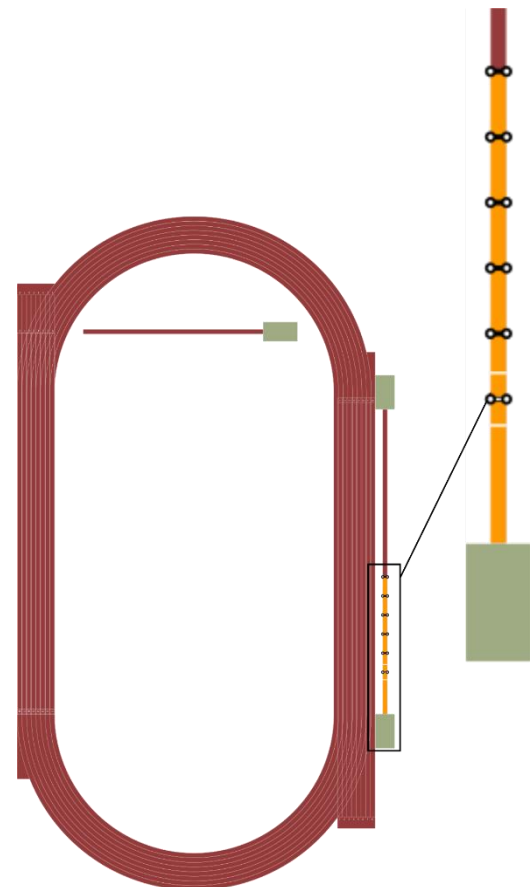
Timed Distance	25 m
Pattern	-11 m, -16 m, -21 m...-36 m
Total Gates	6
Total MCDs	12

HOW IT WORKS

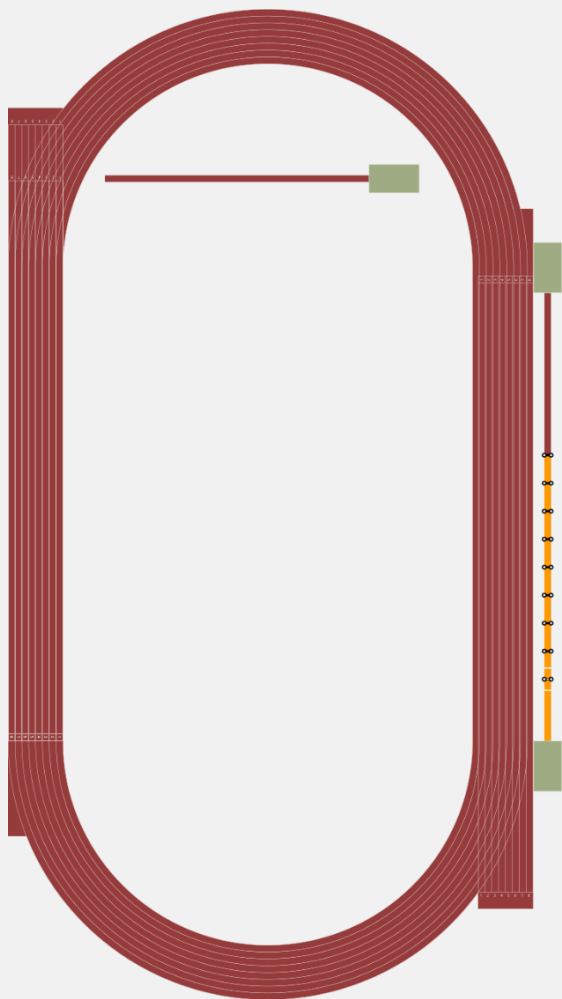
- In-ground gates placed every 5 meters across a 25-meter run-up capture the most crucial part of the approach
- Athletes wear lightweight sensors; data is captured automatically
- Devices detect the gates automatically, providing precise splits and performance parameters
- Results available in smartphone apps or software and online

BENEFITS FOR FACILITIES

- High-resolution diagnostics for triple jump technique and approach optimization
- Ideal for clubs, universities and performance canterers focused on triple jump



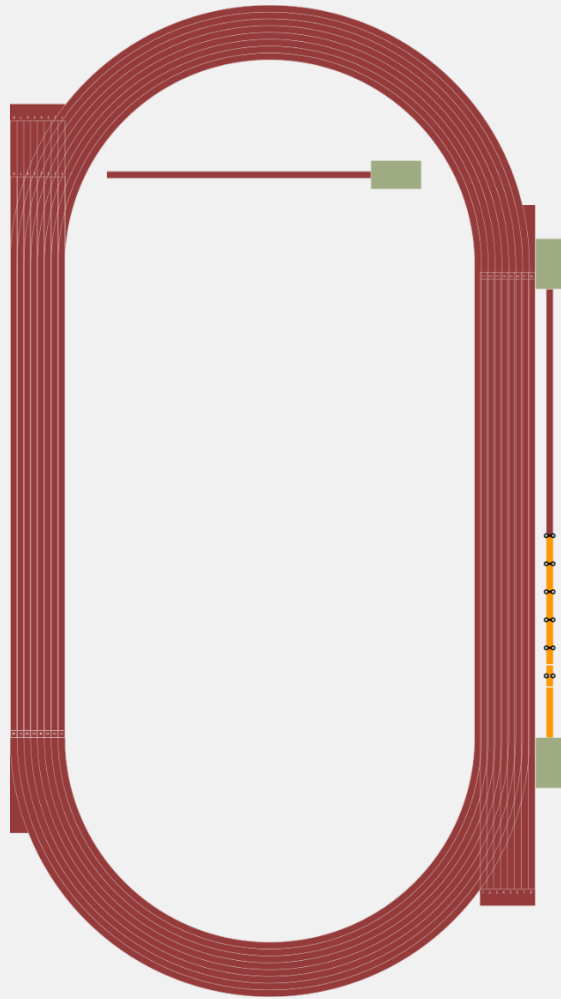
COMPLETE



High-resolution run-up measurement system designed for full approach analysis, phase rhythm control, and transition consistency.

- Full run-up coverage
- 5 m splits across approach
- Tracks hop-step-jump rhythm
- Supports phase transition timing

ESSENTIAL



Standard run-up measurement setup focuses on key approach phases for training and technique development.

- Partial run-up coverage
- 5 m splits in key phases
- Tracks approach consistency
- Suitable for training setups

FEATURE	COMPLETE	ESSENTIAL
TIMED DISTANCE	40 m	25 m
SPLIT PATTERN	every 5 m (-11m to -51m)	every 5 m (-11m to -36m)
TOTAL GATES	9	6
TOTAL MCDS	18	12
MEASUREMENT RESOLUTION	Full run-up coverage	Partial run-up coverage

NOTES

TRIPLE JUMP

Use this space for on-site measurements, facility-specific adjustments, or questions for your SmarTracks consultant.

You've reached the end of the configuration guide.



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