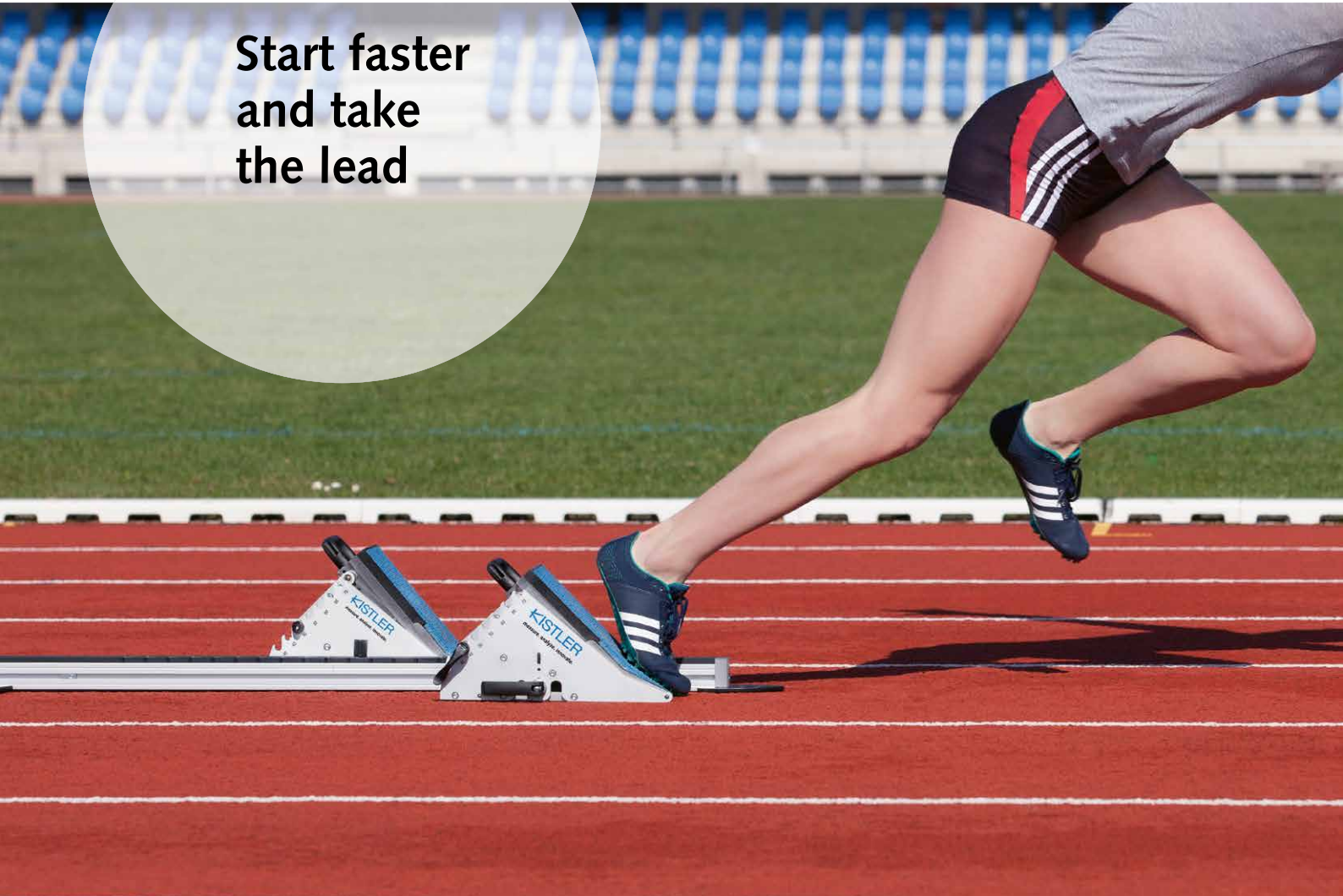


KISTLER

measure. analyze. innovate.

**Start faster
and take
the lead**



Succeed with Kistler Sprint

Unique performance analysis system for sprint starts

On your marks, get set, go – succeed with Kistler

With the Kistler Sprint system you get an advanced tool to improve your sprint start and get off the blocks in the most efficient and successful way. Hundredths of a second can make the difference as to whether a race is won or lost. Make the difference right from the beginning with the Kistler Sprint system.

Winning a championship or becoming an Olympic champion drives every professional athlete. To fulfill their dream, athletes spend hours of hard training in the gym and on the track.

The start is a key component in sprinting races, especially for short distances. For a perfect start athletes need the right technique to be able to transform explosive power efficiently into maximum speed in the shortest amount of time.

The Kistler Sprint system can effectively enhance an elite athlete's skill in sprint starts by providing key performance and timing parameters and also giving insight combined with immediate visual feedback. Objective data enables coaches and athletes to adapt the performance and technique directly in the next start. As a result, performance is measured objectively and can be improved with each practice.

Kistler's instrumented starting block measures the ground reaction forces that cause athletes to move – it also provides insight about the efficiency of an athlete's performance at the start block.

An integrated laser measures the velocity and provides and-un-biased timing results of the start performance.

With visual feedback from high speed video, you can easily analyze the kinematic aspects of the motion during sprint start and the first steps. It supports the analysis of the force measurements and facilitates the coaching of athletes.

All relevant factors for the sprint start are displayed in analytical software and allows for user-friendly data evaluation. The graphic visualization makes it easy to understand and provides an overview right after the trial to evaluate the performance.

Get on your mark with Kistler, experience effective improvements on your training and succeed at your upcoming competitions.

On your marks, get set and go!

Broad variety of functions and rigid design

- Separate force plates for front and rear leg: enabling detailed analysis of the ground reaction forces
- Easy to adjust: simple release mechanism for angle adjustment and horizontal positions
- Design aligned with competition blocks: large and inclined foot rest according to Olympic starting blocks
- Special designed for center of pressure (COP) measurement



Improve!

The Kistler solution simplifies your analysis

- User interface: shows the video with a biomechanical analysis of the kinetic and kinematic data in an easy way to understand, analyze and compare trials
- All in one click operation: get several systems to run simultaneously
- Reports for coaches and athletes: predefined design adaptable to your specific needs
- Data management: flexible use for analysis on central location or different PCs





Speed up!

The Kistler solution provides continuous speed data

- Constant operation: displays velocity up to the 30m mark
- Easy to setup lightweight system: ready for measurement in a few minutes
- Split times: provides split times for 5, 10, 20, 30m and any other distance. No need for a light barrier system



Get a view!

The Kistler solution visualizes every split second with detail

- High speed camera: acquires images with 100 fps to show details of smallest and shortest elements
- Synchronization: video acquisition hardware synchronized with other devices
- View lines and angles: supports you in analysis and conversation with your athletes



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