



SPEEDSTER 2.0



Color matching phase

Speedster is a cutting-edge machine, created by Todesco, the result of years of experience and continuous presence in the leather finishing departments.

Speedster was born from the synthesis of long and in-depth analyzes of the production performance of the spray finishing lines and of the critical issues that arise in these departments every day.

The set of activities necessary to verify and validate the colorimetry and other aesthetic characteristics such as the gloss of the leather, require an execution time that on average affects more than 30% of the whole working day.

This condition is aggravated when it is necessary to correct the color loaded in the spray booth (s), and becomes unsustainable when it is not possible to recover and regenerate the non-compliant color, thus losing the quantity used for loading the circuits (a condition that occurs typically with the use of cross-linked fixatives).

The current market trend, which requires the daily production of numerous items even for small sizes, is a further aggravating factor in improving the work process.

How Speedster works

Speedster is able to simulate Todesco spraying lines with absolute precision, allowing to test the results of the finishing process in the main line, without it being occupied, generating production stops.

Parameters under control and test report

The tested sample can be listed in a database and for each test, Speedster issues a test report associated with the article, further, a detailed sheet for each simulated cabin.

The test report includes the machine settings

- speed of the conveyor belt
- RPM spraying carousel
- atomization air pressures
- color working pressures
- graph of the temperature variation of the grain of the leather during the drying process

HIDE SAMPLE
PICKING

COLOR
LOADING

FINISHING
DRYING

COLOR
MATCHING

TRASMISSION OF
PARAMETERS

SPEEDSTER

speed. now

4000 K LED light with high color rendering (> 90%)

Air depurator with absolute filters in 600 g / m2 polyester

Todesco HV-03 guns with integrated regulator and color loading system with quick cartridges

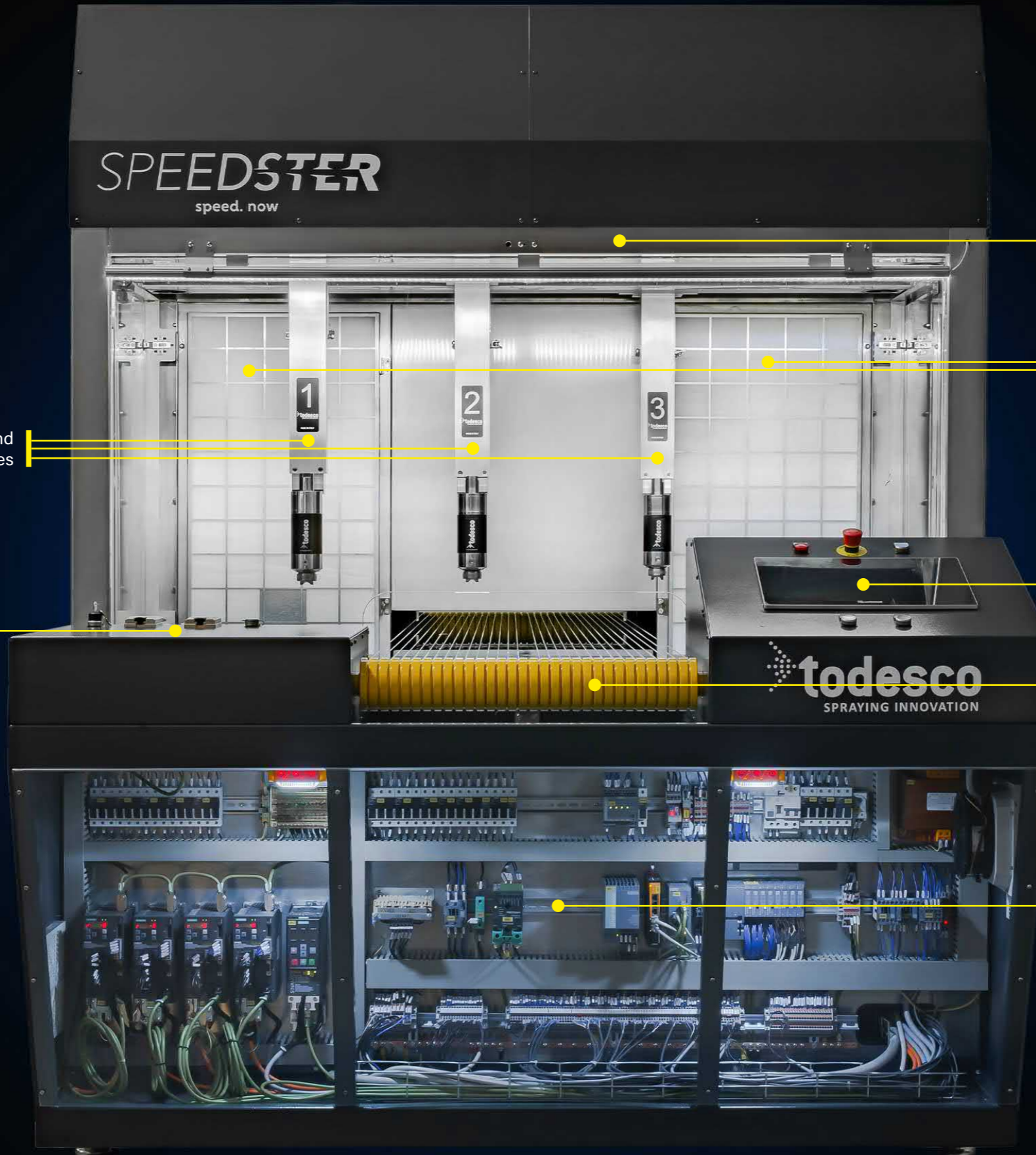
18" touch screen operator panel

Housing for precision balance and waterproof electrical sockets

800 mm conveyor suitable for 1 ft² sample

todesco
SPRAYING INNOVATION

Built-in electrical cabinet





Suction system with flanged outlet

Hides drying station with IR lamps

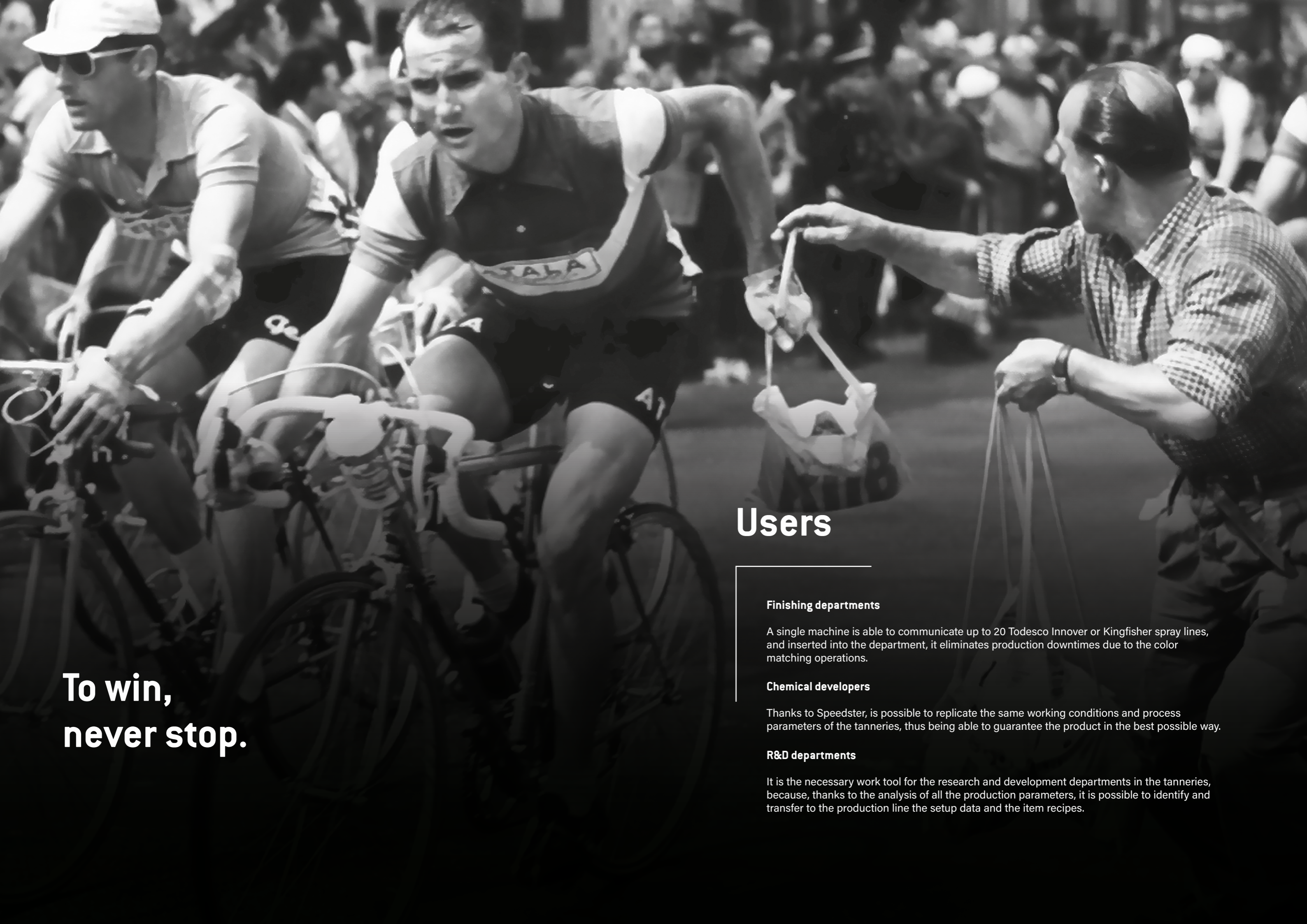
Built-in air compressor

Linear axes with brushless motors

Opening glasses with a safety line

Technical compartment with a manual air gun

Tank housing for gun washing water



**To win,
never stop.**

Users

Finishing departments

A single machine is able to communicate up to 20 Todesco Innover or Kingfisher spray lines, and inserted into the department, it eliminates production downtimes due to the color matching operations.

Chemical developers

Thanks to Speedster, is possible to replicate the same working conditions and process parameters of the tanneries, thus being able to guarantee the product in the best possible way.

R&D departments

It is the necessary work tool for the research and development departments in the tanneries, because, thanks to the analysis of all the production parameters, it is possible to identify and transfer to the production line the setup data and the item recipes.



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