



DELIVERABLE 4.2

Operator manual

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This report describes the properties –format and content– embodied in the operator manual designed and printed to assist in the handling and use of the VineScout robot.

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Instructions manual: need and convenience

The VineScout robot is a complex machine. Due to its ability to navigate autonomously, its operation involves certain risks that must be accounted for by potential users. The best way to diminish such risks is by following the instructions of use developed by its creators after many hours of field evaluation and validation. In addition, the robot possesses multiple controls and sub-systems that need being understood before attempting to map vineyards. As a result, it becomes necessary to release, together with the robot, an operator manual that explains how the robot works, what steps must be followed to make a good use of it, and how to avoid and handle undesirable situations.

Instructions manual properties

Format

The instructions manual is a booklet of 14 pages that explains how to operate the VineScout safely in the field. Figure 1 shows the appearance of the manual.



Figure 1. Instructions manual printouts.

Content

The manual has been kept compact while containing all the information needed by field operators. Figure 2 reproduces the table of contents included in the booklet.

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Figure 2. Instructions manual content.

Instructions manual update and re-edition

If critical information needs to be added to the first edition of the manual (2020), either a complementary addendum or a new edition of the booklet will be released and facilitated to interested users, who may contact robot providers through the following channels:

- <http://vinescout.eu/web/contact>
- <https://www.agriculturalroboticslab.upv.es/>