

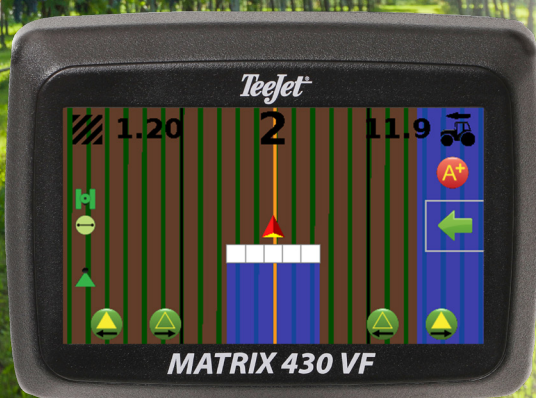
MATRIX[®] 430VF

GUIDANCE FOR VINEYARDS AND ORCHARDS

Forget about spraying your rows twice or forgetting to spray one at night or during the day time. The new Matrix 430VF is an easy-to-use, reliable, low cost GNSS guidance system specifically designed to simplify operations in vineyards and orchards. The compact, icon-based unit features a graphical, touchscreen user interface that allows for fast setup and intuitive operation.

Key Features:

- Specially designed for Vineyard and Orchard applications
- Shows the rows you missed or have not applied
- Applied Rows or Areas are colored
- Alerts you when entering into applied row or area
- Visualizes up to 12 sections
- Return to point
- Multiple row configuration modes
- Bird's-eye view on the field



Advantages:

- Less time to find the the right row
- Compact design to fit in to any cabin
- Easy to understand, easy to use
- Excellent display visibility during bright light conditions or at night
- Can be used for any operation: spraying, harvesting, tillage, pruning
- More comfort during operations
- Documentation of your work

What our customers are saying:

“There are a lot of GPS guidance products designed for broadcast application, but they do not consider the needs of vineyard and orchard farmers. With Matrix 430VF operator can spray, plow or harvest with more comfort and confidence even at night time.”

– Renaud Cavallier, Chamber of Agriculture in Nîmes, France

“My operators are much more relaxed and don't need to count rows now. I am sure that rows in my vineyard won't be missed or overapplied any more.”

– Nelson dos Santos, Pago de Arinzano (Vineyard 355Ha)

VEHICLE TYPE SELECTION



Mounted and trailed airblasts



Tower-sprayer



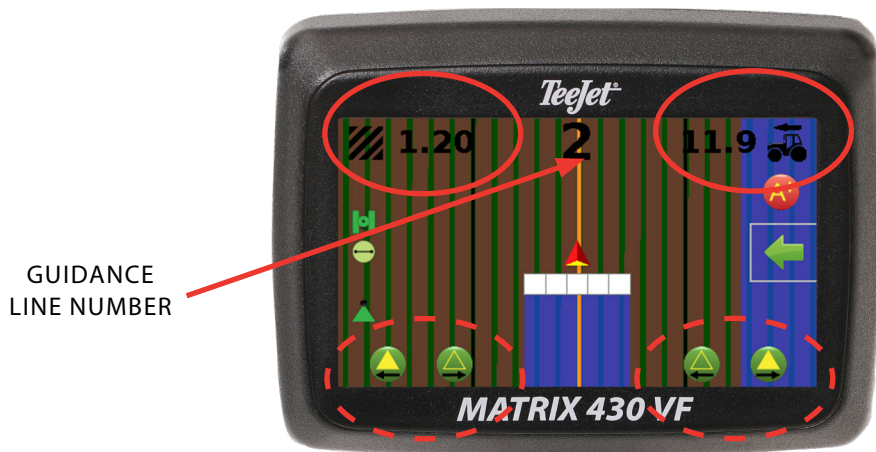
Airblast



Self-propelled /Harvester

OPERATION SCREENS

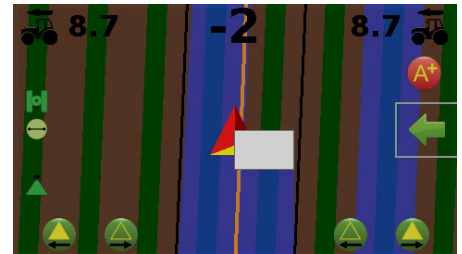
DYNAMIC DATA FIELDS*



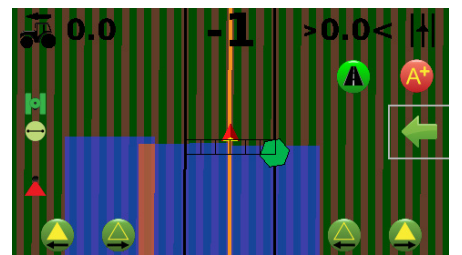
GUIDANCE LINE NUMBER

SEQUENTIAL SECTION SWITCHING

* Speed, distance to next line, applied area, application time



Missed row



Double application

HOW TO ORDER

Part Number	Description
GD430VF-GLO-R30-C	Kit, Matrix 430VF, GLONASS, RXA-30 Antenna, COBO Connector
GD430VF-GLO-R30-B	Kit, Matrix 430VF, GLONASS, RXA-30 Antenna, Battery leads

ACCURACY

Correction Type	Pass-to-Pass Accuracy	Year-to-Year Repeatability
GLONASS + GPS	+/- 30-45 cm	+/- 1 m
Satellite DGPS (SBAS)	+/- 15-25 cm * Also Referred to as Sub-Meter	+/- 1 m

MATRIX 430VF SYSTEM COMPONENTS



MATRIX 430VF CONSOLE



RXA-30 ANTENNA

