



HEXAGON
AGRICULTURE

PRODUCT CATALOGUE >





AGRICULTURE









The challenges in producing food for a rapidly growing world are enormous. Hexagon Agriculture and its network of brands are meeting these challenges head-on with solutions to help increase productivity and optimize processes and resources.

SUGAR CANE

The sugar-alcohol industry demands a high level of productivity and efficiency for success in a highly competitive market. Hexagon Agriculture supports producers by offering solutions from planting and refurbishing for optimum growth. Automating equipment on the different crop phases and monitoring the entire operation ensure that goals are achieved.



Product Catalogue

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Ti5

Ti7



Ti5

The right size for your crop.



FUNCTIONS*



Guidance



Seed Monitoring



Variable Rate



Section Control



Monitoring

Work faster and easier. The Ti5 is the right size for your farm with a user friendly configuration and operation.

FEATURES

- Intuitive and built to last;
- 2D or 3D operation modes;
- Shape files (.shp) support;
- Universal fit on any machine;
- Operates day and night in low visibility conditions;
- Multiple language support;
- USB data transfer.

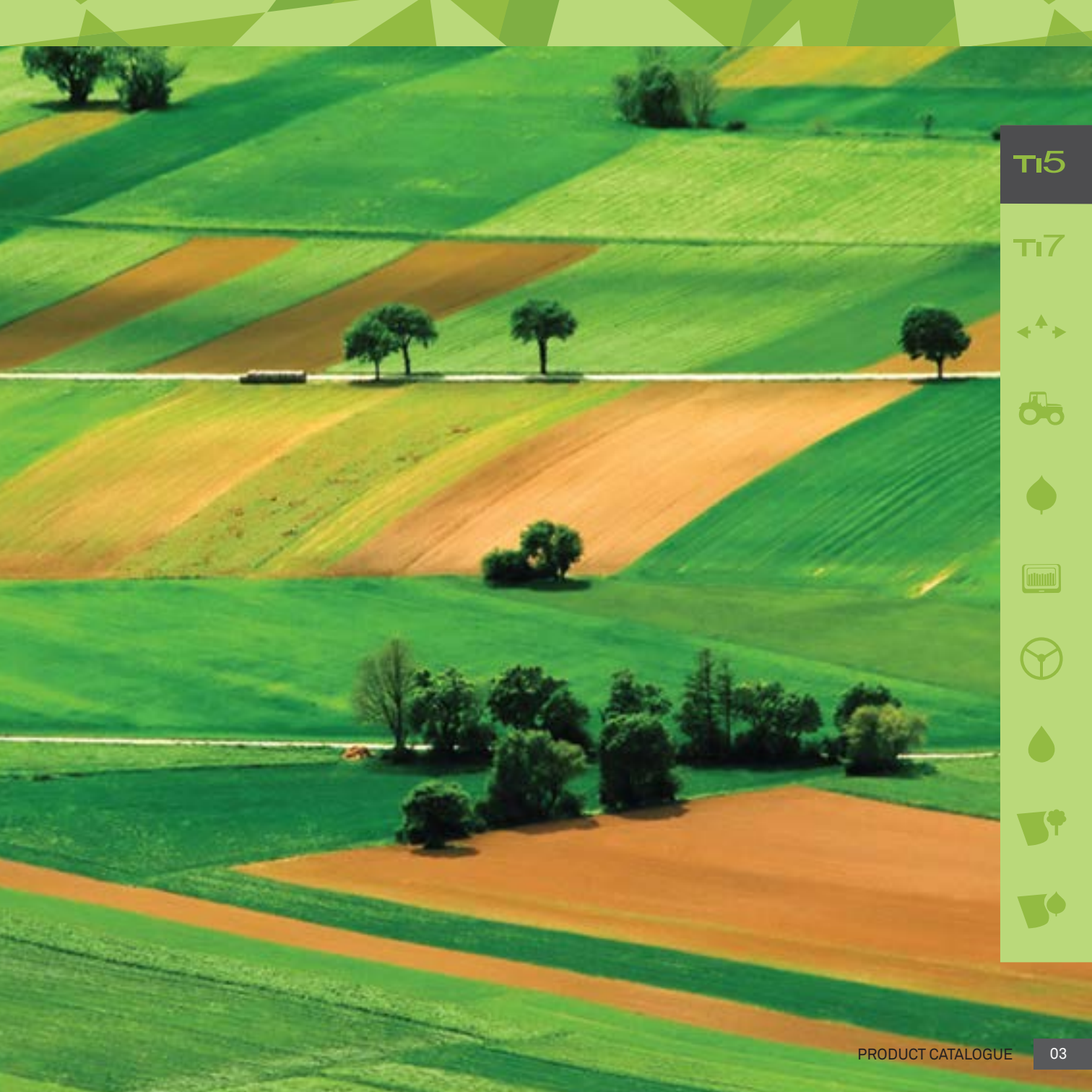
Ti5

- 5" colour, touch-screen display
- Voltage operation: 12 vcc (1-5A consumption)
- Brightness: 600 cd/m²
- Contrast Ratio: 600:1
- Resolution: 800 (H) x 480 (V) pixel

Receiver

- GNSS Support: 14 channels GPS/GLONASS L1
- GNSS Sampling: 10Hz
- 28cm pass-to-pass GLIDE

* Available on 2 functions, Guidance + other supported function.



Ti5

Ti7



Ti5

Ti7



Ti7

Complete. As your crop deserves.

FUNCTIONS



Guidance



Seed Monitoring



Variable Rate



Section Control



Auto-Steering



Seeding Controller



Monitoring

FEATURES

- Intuitive and built to last;
- Precise in all field operations;
- 2D or 3D operation modes;
- Full data logging support;
- Shape file support (.shp);
- Universal fit on any machine;
- Operates day and night in low visibility conditions;
- Simple and advanced reports for mapping and applications datas;
- Multiple language support;
- Data transfer via USB.

Ti7

- 7" colour, touch-screen display
- Volt operation: 12 vcc (1-10A consumption)
- Brightness: 1000 cd/m²
- Contrast Ratio: 400:1
- Resolution: 800 (H) x 480 (V) pixel
- 3G / wifi support
- Remote support

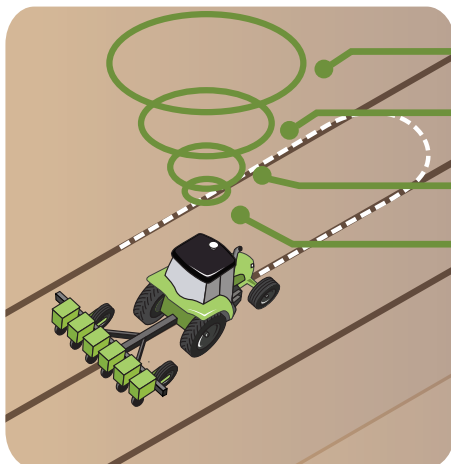
Receiver

- GNSS Support: 120 channels, GPS/GLONASS/BeiDu and Galileo L1/ L2
- GNSS Sampling: 20Hz
- 15cm accuracy on GLIDE (pass-to-pass)
- TerraStar Support: 4cm (absolute)

The right product for your needs

Features	Ti5	Ti7
Screen size	5"	7"
Hydraulic or Electric Auto-Steering	No	Yes
GNSS	L1	L1+L2+TerraStar
Wi-fi	No	Yes
3G	No	Yes
Remote update	No	Yes
On-line assistance	No	Yes
Simultaneous function	LightBar + 1	Guidance seed monitoring, VRT, section control, auto steering, seeding controller

Farming Accuracy



Precision Value:

- GNSS L1 - GPS/GLONASS
28cm RMS GLIDE (15 min)
- GNSS L1/L2 - GPS/GLONASS
15cm RMS GLIDE (15 min)
- GNSS L1/L2 - GPS/GLONASS/TerraStar
(4 cm absolute)
- RTK - 2 cm (absolute)

Ti5

Ti7



Guidance

Avoid overlaps and skips.

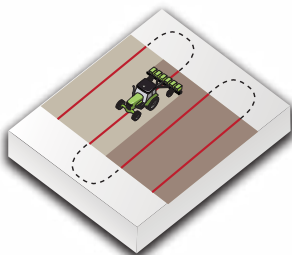


FEATURES

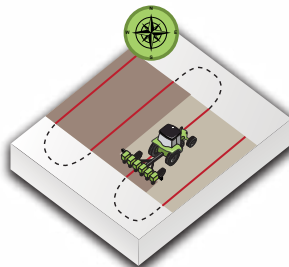
- Guidance with configurable sensitivity;
- Precision in many field operations;
- 2D and 3D operation modes;
- Import /export maps via USB;
- Shape file support (.shp).

OPERATION MODE

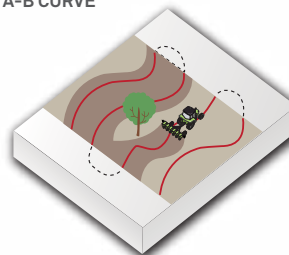
A-B LINE



A+HEADING



PARALLEL
A-B CURVE



ADAPTIVE
CURVE



Variable Rate Controller

Control fertilizer application with accuracy and economy.



FEATURES

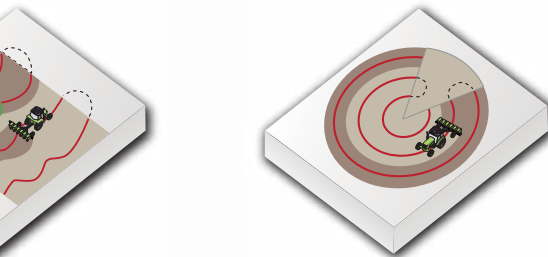
- Controls up to 4 simultaneous input, 3 liquids and 1 solid;*
- User friendly configuration and operation;
- High accuracy and fast response controller;
- 3D path visualization;
- Detailed operation log for further data analysis;
- Operational alarms;
- Shape file support (.shp).

KEY BENEFITS

- Effective application;
- Up to 20% on inputs savings;
- Improve up to 25% at harvest production;
- Automatic control application.

* Ti5: only 1 input at a time.

PIVOT



Ti5

Ti7



Seed Monitoring

Reach seeding perfection



FEATURES

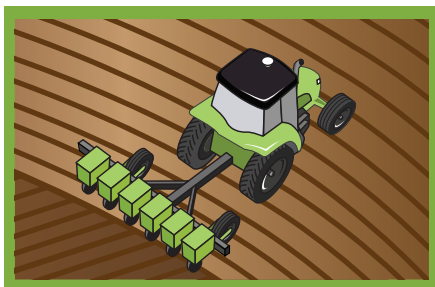
- Population measurement and monitoring below and above prescription;
- Monitors up to 96 seed or fertilizer rows simultaneously;
- Allows night operation;
- Real time alarm;
- Eliminates over and under application of seeds and fertilizer;
- Quick and easy configuration and calibration.

Seeding Controller

Monitor your operation efficiently.



SWA Planting
See on page 14



Automatically opens and close the planter, and controls the hydraulic motors that trigger the lines.

FEATURES

- High precision controller;
- Controls up to 4 inputs, 3 liquids and 1 solid;
- User friendly configuration and operation;
- Monitors and controls each seed or fertilizer row;
- Variable rate seeding.

Ti5

Ti7





Ti5

Ti7



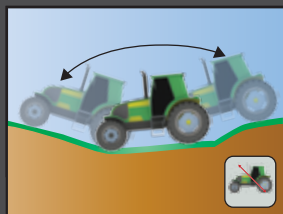
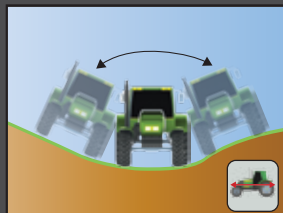
The Auto-Steer offers ground compensation for maximum accuracy, automatically adapting: for pitch, tilt and yaw.

Auto-Steering System

Improve your trajectory with convenience and flexibility

FEATURES

- Electric or hydraulic system;
- Enhanced terrain compensation;
- Works in curves, straight lines and round paths with greater accuracy, fast line acquisition;
- Compatible with multiple tractor models;
- Completely integrated with all other Ti7 modules;
- Provides hands free operation.



ELECTRIC AUTO-STEERING

“The hydraulic auto-steering system is a compact and robust solution that easy to install with your machine hydraulic steering system. The hydraulic system ensures the greatest accuracy.”

Ti5

Ti7

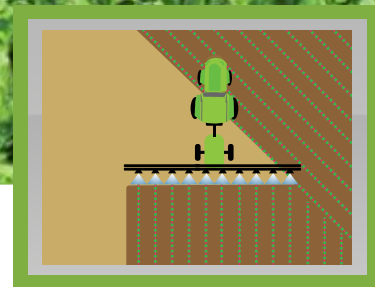


Section Control

Optimize your application by avoiding overspraying areas

Ti5

Ti7



FEATURES

- Automatically controls spraying sections, minimizing overlapped areas;
- Fast flow control, ensuring accurate prescription rates, even in small and sloping terrain;
- Manages up to 96 sections;
- Allows manual actuation of individual sections;
- Shut off the nozzle over previously sprayed areas;
- Compatible with most manufacturers, pumps and valve models.



Ti5

Ti7

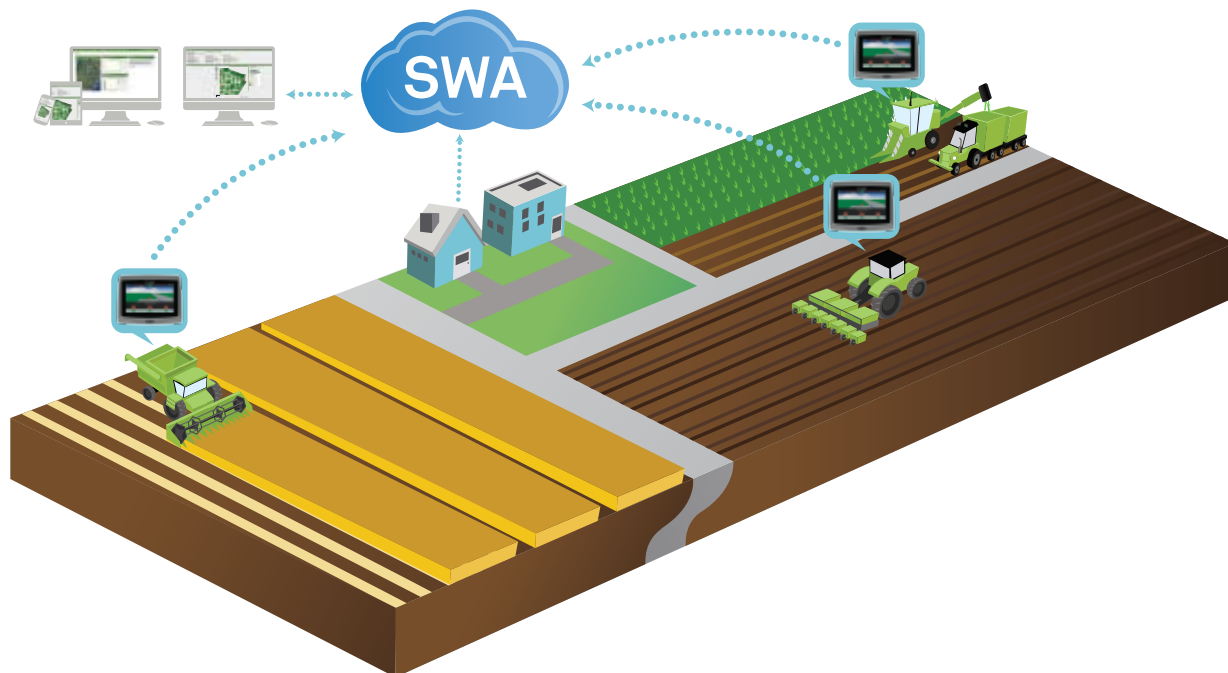


SWA Planting

Your crop integrated.



SWA Planting is the software data solution fully integrates with Hexagon Agriculture controllers."



FEATURES

Farming management system - personalized online access.



Import your application maps to analysis.

- Applied area;
- Population and density;
- Operation time;
- Preview mapped routes.



SEED MONITORING



SEEDING CONTROLLER



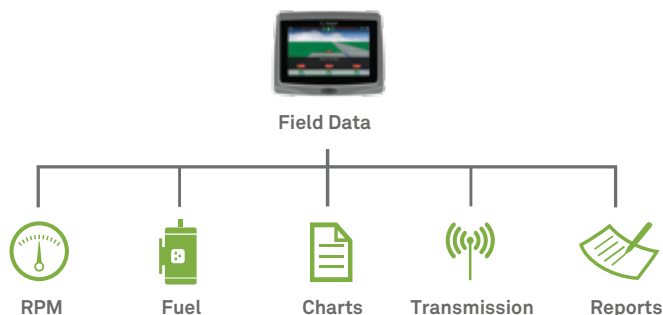
Ti5

Ti7



Monitoring

High performance controller to monitor machines and fleets integrated with SWS platform.



SWS

Roads, tractors, harvester or fleet management system.



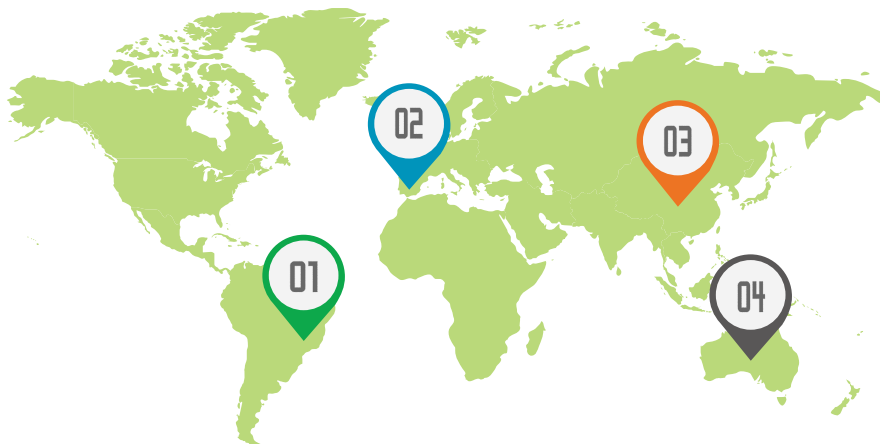
FEATURES

- Keep track of your online operation, through conventional web-browsers;
- Preview mapped routes;
- Quality indicators: application deviations and failures;
- Application storage for analysis;
- Integrated configuration between SWS and the controller.

“We expect Hexagon Agriculture to play a leading role in the effort to solve challenges agriculture industry is facing by providing ground breaking technologies that help improve efficiency and productivity.”

Bernardo de Castro
Hexagon Agriculture President

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