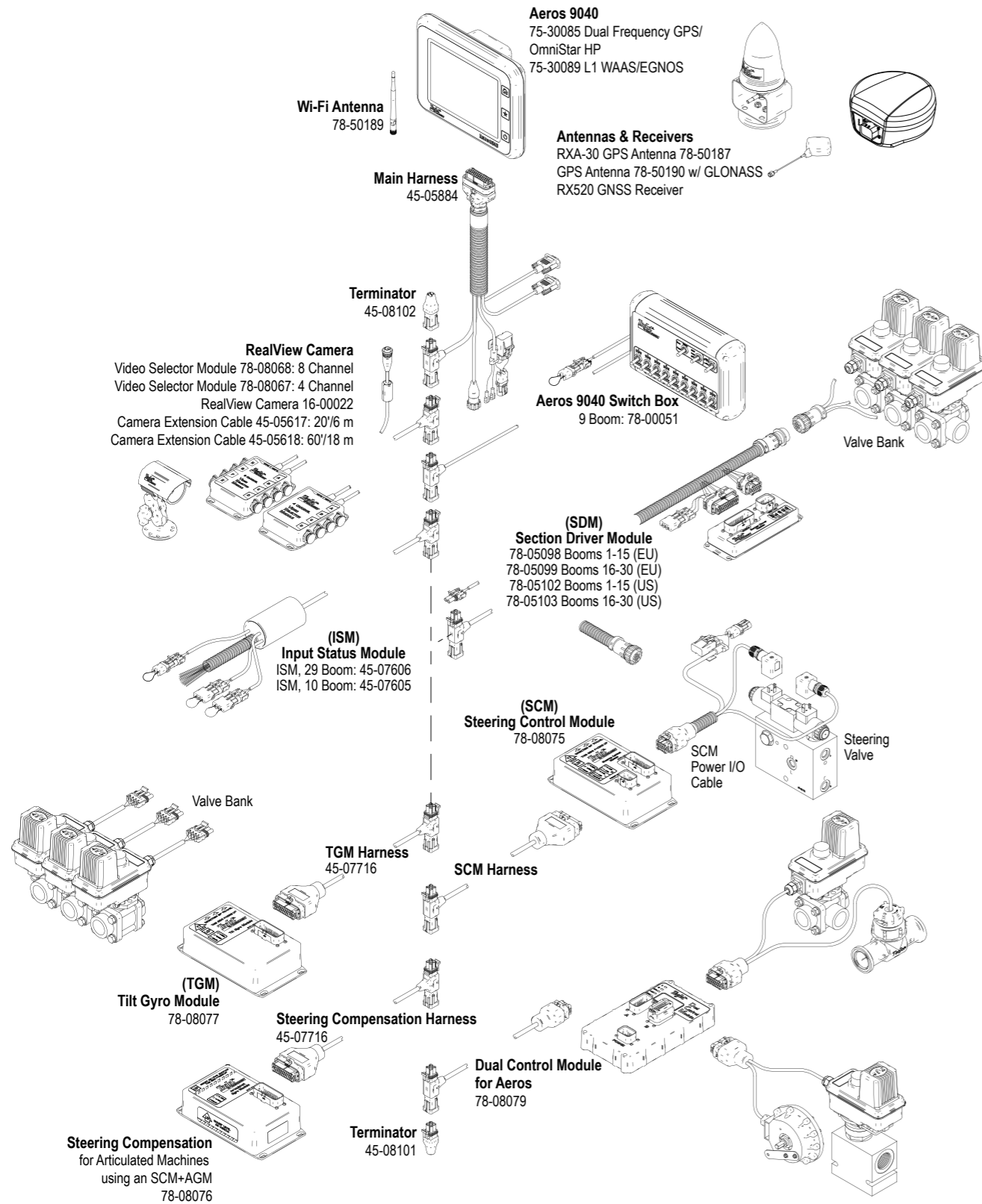


Aeros 9040 System Diagram



AEROS 9040 FIELD COMPUTER





AEROS 9040

GUIDANCE, RATE CONTROL AND MUCH MORE



Aeros 9040

Fully Integrated Field Computer for Optimal Productivity and Precision

The innovative TeeJet Aeros 9040 brings a new level of precision farming capability to the TeeJet product family. With the perfect combination of new technology and field-proven subsystems, the Aeros offers the capabilities you need to get the most of your precision farming investment.

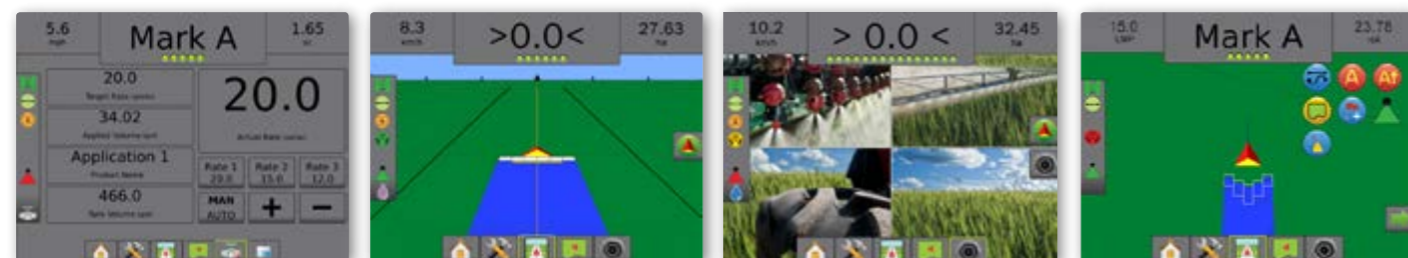
Aeros is a complete field computer that offers precision guidance, auto-steering, application rate control, mapping, variable rate application, Automatic Boom Section Control (ABSC) and even wireless data transfer.



RX520

RXA-30

RealView® Camera



INTEGRATED RATE CONTROL WITH EASY SETUP AND CONTROL

FIELD COVERAGE MAPPING AND AUTOMATIC BOOM SECTION CONTROL (ABSC)

BE AWARE OF MORE BY SPLITTING THE SCREEN TO FOUR CAMERAS

TRACK APPLICATION CONTROL DETAILS AND RECEIVE GUIDANCE INFORMATION ON ONE SCREEN

Aeros Console Design and Functionality

- Rugged enclosure with a crisp, bright 8.4" display
- Input for up to eight cameras, view up to four camera angles simultaneously
- Exclusive RealView® guidance over video feature allows guidance information to be viewed over a real-time video image
- Built in sub-meter GPS, also compatible with external GPS receivers; future revisions will include internal OmniSTAR® XP/HP and RTK receivers
- Dual USB ports for data transfer and connection of multiple devices
- Ethernet port and Wi-Fi capability for data transfer and maximum connectivity
- Clean industrial design is the right size and shape to fit almost any cab environment
- Unique droplet size monitoring function allows real-time display of droplet size during spraying operations

Application Control

- Application control built on field proven control module
- Initial capability will include single product liquid or granular applications with servo or PWM control methods, future developments will add multiple product capabilities
- Options include new complementary switchbox design or the option to integrate with existing console or joystick-mounted switches
- Application page on Aeros console shows complete application details; key application information like rate and volume are viewable on guidance screen as well

Section Control You Can Rely On

- Aeros is compatible with up to 30 boom sections of automatic control
- Flexible design makes connection to boom sections simple in a wide variety of wiring scenarios
- Tested and proven section control subsystem, with thousands in operation worldwide

Precise Guidance and Automatic Steering

- Robust guidance system is built upon years of experience in manual and automatic guidance applications
- Supports all popular guidance patterns including Straight AB, Curved AB, last pass, headland mode and A+ heading
- Aeros system leverages the strong steering performance of FieldPilot® with many solutions available for hydraulic, steer-by-wire, and assisted-steering electric motor systems

How to Order

Part Number	Description
75-30085	Console, Aeros 9040, Dual Frequency GPS/ OmniSTAR HP
75-30089	Console, Aeros 9040, L1 WAAS/EGNOS
78-50189	Wi-Fi Antenna
78-50187	RXA-30 GPS Antenna
78-50155	GPS Antenna
78-50190	GPS Antenna w/ GLONASS
90-02894	Kit, GNSS Receiver, RX520, L1/L2
78-08068	Video Selector Module, 8 Channel
78-08067	Video Selector Module, 4 Channel
16-00022	RealView Camera
45-05617	Extension Cable, Camera, 20'/6 m
45-05618	Extension Cable, Camera, 60'/18 m
45-05884	Harness, Main
45-08102	Terminator
45-08101	Terminator
78-00051	Switchbox, 9 Boom, Aeros 9040
78-05098	Section Drive Module (SDM), Boom 1-15 (EU)
78-05099	Section Driver Module (SDM), Boom 16-30 (EU)
78-05102	Section Drive Module (SDM), Boom 1-15 (US)
78-05103	Section Driver Module (SDM), Boom 16-30 (US)
45-07606	Input Status Module (ISM), 29 Boom
45-07605	Input Status Module (ISM), 10 Boom
78-08077	Tilt Gyro Module (TGM)
45-07716	Harness, TGM
78-08075	Steering Control Module (SCM)
78-08076	Steering Compensation, SMC+AGM Articulated Machines
45-07716	Steering Compensation Harness
78-08079	Dual Control Module, Aeros

OPTIMAL PRODUCTIVITY WITH AEROS 9040

