
HAGIE


SALES & SERVICE
HAGIE
JOHN DEERE
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your Hagie sales, parts & service needs

Unlock Your Potential

Unlock the potential of your operation by nurturing, feeding and protecting your crop when it needs it the most. To achieve that potential, you must be able to "Enter the Field Any Day". That mindset dates back to the beginning of Hagie Manufacturing Company and still holds true. Founder, Raymond W. Hagie's vision was that the self-propelled sprayer should be a light weight, high clearance machine capable of performing tasks during any crop growth stage or field condition.

Gain spray days while the others are unable. With one of the lightest and most balanced machines, getting into the field when soil conditions are marginal to nurture and protect the crop with timely applications are possible. Nutrient deficiencies and pest problems don't stop impacting yield just because the sprayer can't enter the field.

The same holds true when the crop surpasses the clearance of traditional sprayers. Open up an additional season with higher clearance. Utilize your asset instead of parking it midway through the growing season and increase your return on investment. Not just to feed your crop when it needs fertilizer the most, but to help protect against late season diseases.

Every model in the Hagie lineup has been designed to unlock your potential to nurture, feed and protect you crop for the entire growing season.

HAGIE

EXPERIENCE HAGIE

Nurture

Turn Maybe Days Into Spray Days

One of the Lightest and Most Balanced Machines in the Industry

It is estimated that only about 50% of the days in April and May have soil conditions that allow for field entry.[1] Start application earlier, all while leaving fewer ruts, with the Hagie lineup of self propelled sprayers. Gain more application days by being able to get into the field on marginal soil condition days.

Add Another Season with Hagie High Clearance

What would you do with an extra 21 days in the field? Twenty one days is the probable number in July that are field accessible.[2]

Would you-

- Create extra revenue to make a sprayer payment?
- Reduce outsourced application to decrease costs?
- Improve yield by taking advantage of a full season lightweight/high clearance machine.

	Su	M	Tu	W	Th	F	Sa	Su	M	Tu	W	Th	F	Sa	Su	M	Tu	W	Th	F	Sa	Su	M	Tu	W	Th	F	Sa	Su	M	Tu	W	Th	F	Sa	Su	M
APRIL 2017	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	1

STOP GO MAYBE MAYBE IN THE MORNING, GO IN THE AFTERNOON

Weather recorded from April of 2017 from Clarion, IA

1 - According to the ASABE Agricultural Machinery Management Data Ma 2011 for Central IL and Iowa for the 50% probability level during the 3-6 biweekly periods.
2 - According to the ASABE Agricultural Machinery Management Data Ma 2011 for Central IL and Iowa for the 50% level during the 10-17 biweekly periods.

Feed

Corn needs the majority of its nitrogen well after the traditional sidedress application time has passed. When applications are made well in advance of the corn plant's time of peak demand, there is risk of nitrogen deficiency due to leaching and denitrification. Postponing traditional sidedress applications to V8 or later allows nitrogen to be applied just as the corn is reaching peak demand. Lost nitrogen not only means lost input dollars, but also lost yield potential. Sidedressing at the time when the plant is using nitrogen is key to refining nitrogen efficiency and profitability.

Split applied nitrogen stands out as a practice that can increase nitrogen efficiency by giving producers the opportunity to make rate decisions closer to the time of peak plant demand. With this approach, in-season applications may reduce the total amount of nitrogen used (cost savings), while making more available to the crop when it needs it (yield increase).

Protect

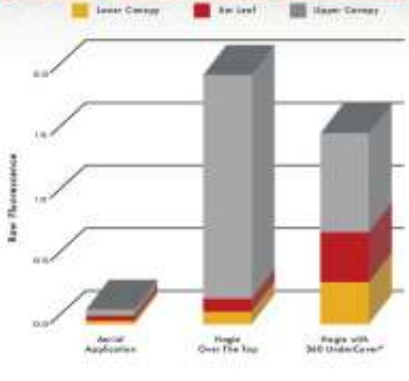
Corn Diseases after Tassel Pose Threats to Yield

- Fungicide coverage is critical to protecting plants from further disease development
- Application timing is critical to protecting yield
- Targeting diseases that spread from the base of the plant upward can be difficult

Hagie High Clearance Allows for

- Fungicide to be applied with a larger amount of carrier, versus an airplane, increasing leaf coverage and canopy penetration
- Cost savings over a custom hired application, increasing asset utilization

FUNGICIDE COVERAGE



In 2017, John Deere and Hagie conducted a trial to compare methods of fungicide application. Aerial application, over the top Hagie application, and a Hagie equipped with 360 UnderCover® were compared at 2, 15, and 15 gallons per acre, respectively. Spray cards were used in 3 parts of the corn canopy to measure spray coverage (data left, in raw fluorescence). The Hagie with 360 UnderCover provided the most equal canopy coverage, while traditional Hagie ground application provided the most total coverage.

CONTINUOUS improvement

Hybrid Boom Family Expands

AutoTrac RowSense

AutoTrac Vision

- 90', 100' & 132' booms join the hybrid boom family. 90' boom is 7 sections while the 100', 120' & 132' feature 9 sections

- AutoTrac Vision and RowSense for STS
- 5-way High flow John Deere nozzle bodies

DTS/STS features/options

Long hours have never been as comfortable as they are in the Hagie cab. Maximum visibility with (roughly 69 sq. foot) of large glass windows, standard instructional seat for passengers. Storage for cell phones, manuals and other documents; with three storage compartments and two cup holders.

Machine Control Display offers all machine functions at fingertips. Strategically placed John Deere 4640 display for integrated technologies (or optional Ag Leader) enable functional changes while operating.

The cab can be configured in either standard or premium options. Premium cab option adds Bluetooth®, a premium heated/cooled leather seat, power mirrors & auto climate control.

The Sy -Klone Air Filtration System and RESPA® Cab Filter work together to provide continuous fresh, clear air in the operator station. The external Sy -Klone system provides positive air pressure keeping the cabin pressurized and contaminates out. The internal RESPA® system continually filters and circulates the air in the cab. The two work together to keep the interior clean of contaminates.

John Deere 4640 Universal Display

Improved operating experience. Enhanced data capture and collection capabilities – providing more accurate Section Control performance and documentation. Precisely apply multiple products simultaneously with individual coverage maps and application points.

Control Handle

Providing control of machine propulsion and boom movements in a compact package. Featuring a programmable button to manage various machine functions, including All Wheel Steer, master spray, optional boom height control, and auto steer engagement. The compact design offers increased visibility to the machine control display.

Machine Control Display

Large display for improved operator feedback and control. It is 100% touch screen with virtual buttons positioned along the right side for easy access in field. Features include auto system and boom prime, virtual rinse control, drive system set-up and customizable in-field lighting to name a few.

Lighting

Making timely applications sometimes means working late into the night. The night spray and premium LED light options help get the product applied when you need to, no matter the time of day.

Improved Refueling

6' of under frame clearance presents an interesting challenge from a fueling standpoint but the newly designed fuel/DEF layout on the right side of the STS makes the process easier than ever. Fuel and DEF can be added on the right side using the standard fueling ladder that stows nicely under the tank, eliminating the need to drag a hose up the main ladder and across the frame.

All Access Platform

The platform was designed to access all major top areas of the machine with ease.

Electronic Actuated Hood

Access to engine components can be a challenge on agricultural equipment. Both the STS and the DTS come standard with a fully actuated electric hood.

All vital engine fluids, hydraulic fluids and air cleaner filters are easily visible and accessible from the platform.

Also included in the design are storage areas to hold items like extra nozzles or PPE.

Pressure Washer

The optional on-board pressure washer is used for rinsing off the machine before performing infield maintenance or before leaving the field.

Backup Camera

The backup camera comes standard to aid in reversing the machine.

Tall Crop Package

Perform late season applications with reduced crop damage and enhanced protection of your DTS and STS sprayer. Hagie's Tall Crop Package option includes the under frame covers and front shielding (STS only). Also available are wheel covers and crop dividers.

Rear Boom

The optional rear boom allows the center section of the main boom to be diverted to the rear boom to provide superior late season application in tall crops after the crop has passed under the machine.

Hands Free Door Opening

After utilizing the hand wash station outside the cab door use the standard hands free door opener.

Hand Wash Station

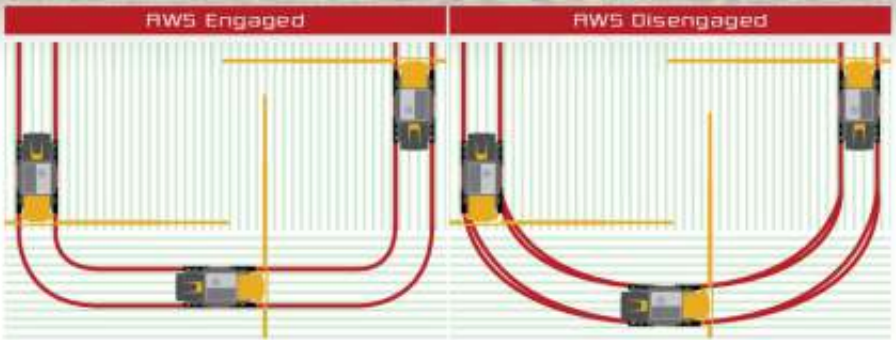
Conveniently located on the platform before you enter the cab to keep contamination of the cab to a minimum.

Narrow Leg Design

Unlocking the full potential of a high clearance applicator comes with the narrow leg design Hagie products are designed to provide the narrowest possible package, providing the smallest amount of crop disturbance.

AWS - All Wheel Steer

The standard All Wheel Steering (AWS) system is designed so the front and rear wheels are coordinated to follow the same path to minimize crop damage and ground disturbance. Standard on STS and optional on DTS10.



Front Fill

Front fill provides convenient end of field filling.

Side Fill

The side fill option features reduced fill time at 300+ GPM. The eductor assembly is lowered/raised and transfer pump speed is increased/ decreased by operating the power switches on the control panel.

Rear Fill

The rear fill station option is conveniently located on the ladder and users are able to fill both the solution tank and the rinse tank.

Independent Air Ride Suspension

Provides a smooth ride over rough terrain. The system is active and adjusts to varying loads and machine positions.

Quick-Tach Multi-Coupler Option

For increased simplicity and efficiency in switching attachments on STS sprayers.

PRECISION options

John Deere Precision Ag Technologies

JDLink™ Connect

JDLink Connect uses the newest 4G MTG LTE cellular modem to establish a remote connection to the field that enables precision tools.

- John Deere Machine Sync - Coverage map and guidance line sharing.
- John Deere Operations Center - Online set of tools and connected mobile apps where farm information is accessible, anytime, anywhere.

4640 Universal Display - The 4640 Universal Display features a full-color touchscreen for controlling a variety of precision ag applications and documentation.

- AutoTrac™: Integrated steering system that automatically controls the machine through the field.
- John Deere Section Control: automatically turns sprayer sections on or off to reduce overlap and maximize input investment.

John Deere Rate Controller 2000 - John Deere's next generation universal rate control solution that builds on the success of the current controllers and provides a platform for increased functionality.

StarFire™ 6000 Receiver - The StarFire 6000 Receiver implements an improved antenna, the latest in Global Navigation Satellite System signal processing technology, and a new differential correction signal.

AutoTrac RowSense - A paddle sensor mounted on the sprayer's front wheels to feel mature cornstalks in late-season rows. Currently approved for 20- and 30-inch corn rows only.

AutoTrac Vision - The use of a front-mounted camera to see early-season corn, soybeans, sugar beets, and cotton at least 6 inches (15cm) high on 20- to 40-inch rows. An industry exclusive from John Deere.

AG LEADER Precision Options

- InCommand™ - Improves real-time decision-making with features such as enhanced mapping with row-by-row detail and split screen view which will allow growers to identify machine control issues easier and sooner.
- DirectCommand™ - Total liquid application control to meet today's challenges. Ease of use, coverage, low flow situations, performance, documentation and reliability are all addressed. Features like droplet size monitoring and pressure fallback ensure liquid products are applied correctly – efficiently and correctly to avoid spray drift and for proper plant coverage.
- SteerCommand™ - For growers seeking an integrated steering experience, SteerCommand offers best-in-class integrated steering performance. Paired with GPS 7500 for repeatable, precision steering via correction source of your preference – from WAAS to TerraStar and RTK.

NORAC BOOM HEIGHT CONTROL

The Norac boom height control system uses ultrasonic sensors to control the spray boom to a preset height. The Norac system utilizes sensors mounted on the left, right and center section to automatically control the spray boom above the ground or the crop.

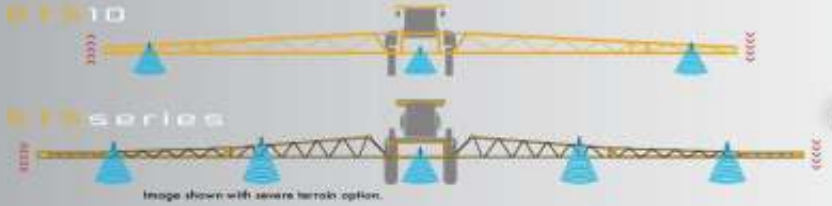


Image shown with severe terrain option.

- Direct Chemical Injection - Chemical injection kits are available on all models of Hagie sprayers. The injection pumps are compatible with Ag Leader, John Deere, and Raven precision options. All chemical injection kits include a 5 - 200 oz/minute Raven injection pump, mixer assembly, and a visual flow indicator that can be seen from the cab.

Injection unit shown installed on DTS10.

STS series

Front boom and forward looking

The Hagie STS family looks forward with integrated technologies, full season capabilities, and All Wheel Steering. The STS offers forward thinking operators the ability to enter the field any day, for pre-emergence, post-emergence, and late season application, due to its six feet of clearance. Integrated technologies and even weight distribution provide accurate applications. The front mounted equipment specific cab featuring a heated and cooled leather seat, leather wrapped steering wheel and large front window, provides the operator a comfortable view of what is ahead. Progressive All Wheel Steer ensures the rear wheels follow the front, while reducing the number of tire tracks during turns. All in the Hagie STS looks forward to the challenges facing todays applicators.

STS series

Power and Efficiency

When you are spending long days in the field, you want all the power and efficiency you can get your hands on.

The STS10 & 12 are equipped with John Deere PowerTech™ 6.8L Tier 4 with 280 & 300 horsepower.

The STS14 & 16 are John Deere PowerTech™ PSS 9.0L Tier 4 engines producing 300 & 375 horsepower respectively.

Advanced Application Cab

Designed for one thing, and one thing only, spraying. Countless hours are spent in the cab every season, you deserve a cab that is designed specifically for that purpose.

1,000 to 1,600 Gallon Capacity

Four different capacity sizes to fit your operations needs. STS10/1,000 gal., STS12/1,200 gal., STS14/1,400 gal. and STS16/1,600 gal. The solution, rinse and fuel tanks are mounted in the middle of the machine so as the levels of the tanks go down, the machine maintains its weight balance.

60/90', 60/100', 60/120' Booms or 70/132'

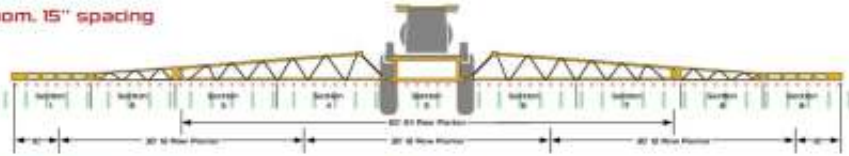
With three available booms options that fold at 60' you are bound to find a match for your planter widths. All booms feature a Hybrid construction having a steel inner section and aluminum outer sections. All Hybrid booms are designed not only to be strong but also to have excellent visibility during transport. The booms are available with Air Purge. Also available is Norac boom height control.

BOOM options

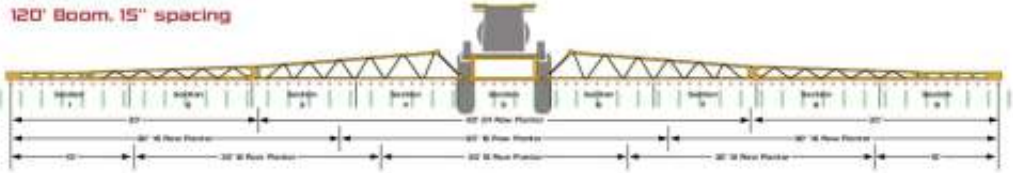
Performance. Stability. Visibility. These are the keys to full season application and Hagie booms are poised to deliver all these benefits to you in a wide variety of boom widths. The boom is the first and foremost tool in accurate product placement. That's why we put it ahead of everything else. The Hybrid boom family enables you to Enter the Field Any Day™ through the use of both steel and aluminum. The core of all Hybrid booms features steel construction ensuring a strong reliable structure. The extremities are constructed of lightweight yet durable aluminum, improving overall boom stability and weight. Configurable in a variety of sizes to match up with planter widths and field sizes. All Hybrid booms fold horizontally and include five-position John Deere High Flow nozzle bodies. Need something special? Custom nozzle spacings and boom configurations available via HCS (Hagie Custom Solutions).

90' Boom, 15" spacing

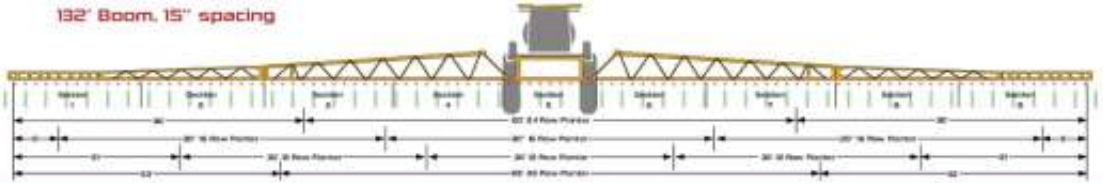
100' Boom, 15" spacing



120' Boom, 15" spacing



132' Boom, 15" spacing



NORAC Active Wing Roll (AWR)

Premier height control solution designed specifically for the 90', 100', 120' and 132' booms. AWR was developed for inconsistent and challenging terrain. The AWR system controls the main lift cylinders while independently controlling each wing cylinder. The AWR system hydraulically links the left and right wings together to simulate roll without manipulating the center section to maintain an ideal, pre-set height above the ground or crop.

NITROGEN toolbar

The Hagie Nitrogen Toolbar (NTB) has been an attachment for the Hagie STS for over a decade. It stands out as a tool that can increase nitrogen use efficiency by giving producers the opportunity to make nitrogen rate decisions closer to the time of peak demand. As part of a split application approach, in-season applications may reduce the total amount of nitrogen used while making more available to the crop when it needs it. The results can be twofold:

1. Fewer dollars spent on nitrogen inputs,
2. Yield increases because nitrogen is a non-limiting factor.

FEATURES:

- 30' and 40' width
- 20" and 30" spacing
- Float design to contour the ground
- 4 standard gauge wheels for depth control and storage
- Standard coulter depth bands to control injection depth of individual row units
- 8 to 10 mph average application speed

DPS / dualproductsystem

One Pass, Nurture and Protect

Sprayers have been relatively immune to job combinations until now. Today, sprayers are making many more passes through growing crop and application windows are overlapping, allowing the ability to do two jobs at once.

The Hagie DPS allows for a mixture of herbicides, fungicides, insecticides and nutrients to be applied in different places, at different rates at the same time. This technology unlocks economic headroom for the grower and ASP alike by reducing the overall cost of application and improving the quality of the pass.

DTS10

In a Class of its Own

The DTS10 sprayer boasts an impressive 1,000 gallon capacity and a dry weight of 20,000 lbs allowing you in the field earlier and in marginal field conditions to maximize productivity in narrow spray windows.

The DTS10 achieves this by creating a low center of gravity with dual 500 gallon saddle tanks in a smaller machine package. Optional hydraulic tread adjust and progressive all wheel steer make the DTS10 just as capable as the larger STS sprayers within the family. The DTS10 also features the Hagie Standard 72" under-frame clearance, allowing the machines to perform applications in the fields after standard machines are back in the shed. To make the most of your late season needs, take a look at the innovation and high performance design of the DTS10.

All Access Platform

The platform was designed to access all major top areas of the machine with ease.

Open Inspection Areas

All vital engine fluids are easily visible without the need to open the hood. Convenient electronic hood opener for getting access to the machine components for service.

Tier 4 Cummins® 6.7 engine

Strong, reliable and powerful describes the Cummins® 6.7 Tier 4 engine in the DTS10. It is rated at 225 horsepower and makes long days covering hundreds of acres a breeze.

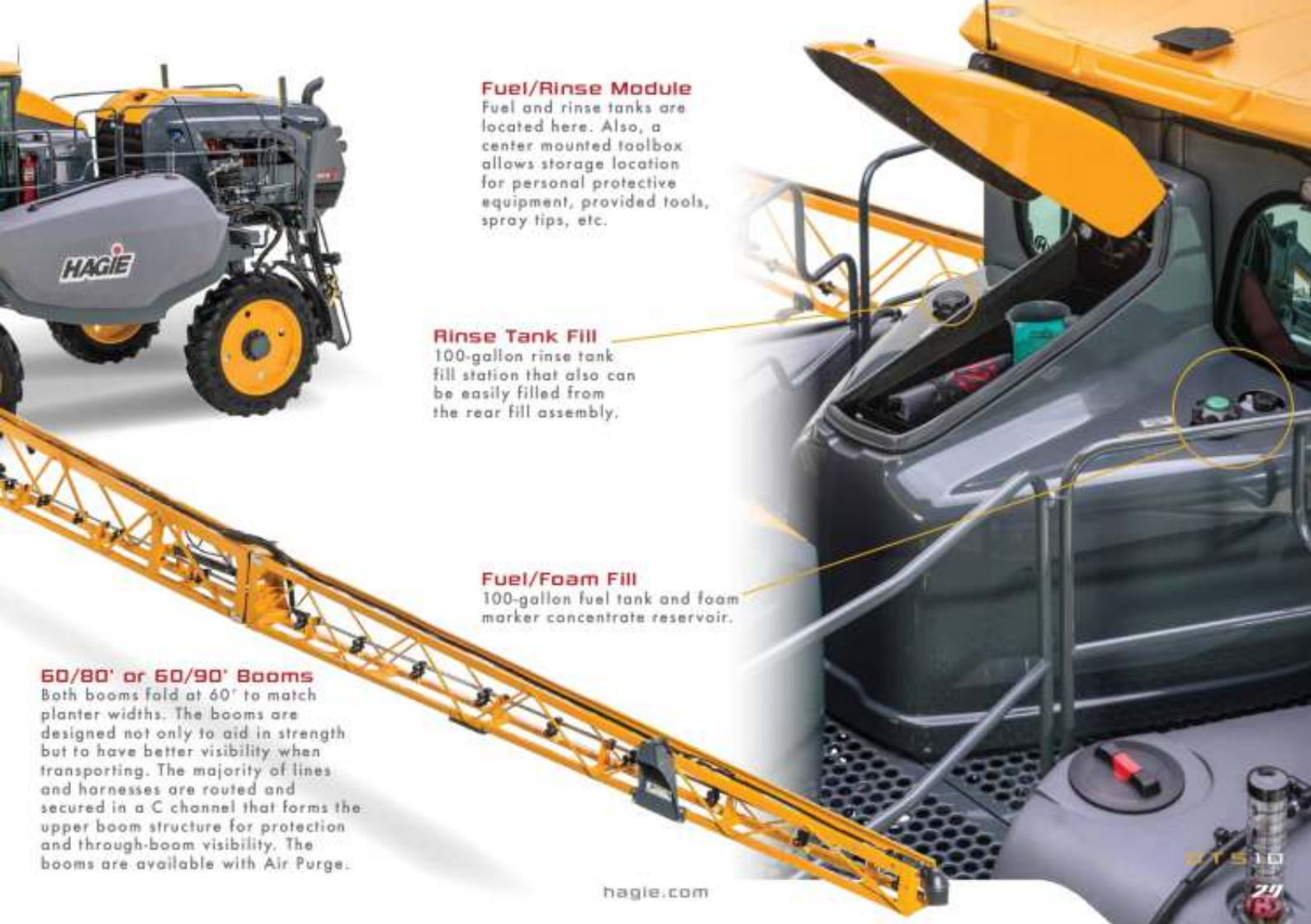
Photo provided by Cummins Inc.

Rear Fill Area

Both the solution and rinse tanks are filled at the rear of the machine. A conveniently located switch on the automatic folding ladder allows the user to fill both solution tanks separately or simultaneously. A light switch for illuminating walkway to the cab is also located at the fill area.

1,000 Gallon Capacity

The two solution tanks are centrally mounted low between the axles to give the DTS10 one of the best weight splits and centers of gravity on the market. Each tank has an uncontaminated sight gauge that is visible from the ground and cab.



Fuel/Rinse Module

Fuel and rinse tanks are located here. Also, a center mounted toolbox allows storage location for personal protective equipment, provided tools, spray tips, etc.

Rinse Tank Fill

100-gallon rinse tank fill station that also can be easily filled from the rear fill assembly.

Fuel/Foam Fill

100-gallon fuel tank and foam marker concentrate reservoir.

60/80' or 60/90' Booms

Both booms fold at 60' to match planter widths. The booms are designed not only to aid in strength but to have better visibility when transporting. The majority of lines and harnesses are routed and secured in a C channel that forms the upper boom structure for protection and through-boom visibility. The booms are available with Air Purge.

Didn't see a solution for your operation?

Ask your John Deere dealer about what Hagie Custom Solution's can do for you.

Innovation has always been a cornerstone of Hagie's position in the application market. Early market entry and progressive product development has allowed these machines to lead the market in meeting specific producer needs.

In response to this need within the John Deere and Hagie joint venture, Hagie Manufacturing is pleased to announce the introduction of custom solutions for self-propelled sprayers to John Deere dealers. The Hagie Custom Solution's is a dedicated shop that provides innovative solutions for growing producer needs.

Dual Product System - now a standard model.

Custom Injection on a DTS10

Custom Nozzle Spacings

SPECIFICATIONS	DTS10	STS10	STS12 DPS12	STS14	STS16 DPS16
ENGINE					
Make	Cummins® QSB 6.7 liters	John Deere PowerTech™ 6.8 liters	John Deere PowerTech™ 6.8 liters	John Deere PowerTech™ PSS 9.0L	John Deere PowerTech™ PSS 9.0L
Peak rated power	225 hp (167 kW) - Final Tier 4	280 hp (209 kW) - Final Tier 4	300 hp (221 kW) - Final Tier 4	300 hp (221 kW) - Final Tier 4	375 hp (279 kW) - Final Tier 4
Power bulge		300 hp (221 kW) - Final Tier 4		330 hp (246 kW)	410 hp (306 kW
Displacement	409 cu. in. (6.7 L)	415 cu. in. (6.8L)	415 cu. in. (6.8L)	549 cu. in. (9.0 L)	549 cu. in. (9.0 L)
Fuel tank capacity	50 gal. (2 tanks) - 189 L (2 tanks)	135 gal. (510 L)	135 gal. (510 L)	150 gal. (568 L)	150 gal. (568 L)
SOLUTION SYSTEM					
Capacity, U.S. gallon (l)	500 (2 tanks) gal. - 1,890 (2 tanks) L	1,000 gal. (3,800 L)	1200 gal. (4500 L), DPS 600/600 gal. (2271/2271 L)	1,400 gal. (5,300 L)	1600 gal. (6000 L), DPS 1000/600 gal. (3800/2271 L)
Tank material	Poly	Stainless	Stainless	Stainless	Stainless
Rinse tank capacity	55 gal. (208 L)	100 gal. (380 L)	100 gal. (380 L)	100 gal. (380 L)	100 gal. (380 L)
Quick Fill™ size	2 in. (5.1 cm) - Rear Mount	3 in. (7.6 cm)	3 in. (7.6 cm)	3 in. (7.6 cm)	3 in. (7.6 cm)
Rate control make	Deere, Raven / Ag Leader opt.	Deere, Raven / Ag Leader opt.	Deere, Raven / Ag Leader opt.	Deere, Raven / Ag Leader opt.	Deere, Raven / Ag Leader opt.
Precision ag equipment	Deere, Raven / Ag Leader opt.	Deere, Raven / Ag Leader opt.	Deere, Raven / Ag Leader opt.	Deere, Raven / Ag Leader opt.	Deere, Raven / Ag Leader opt.
Suction strainer	N/A	N/A	N/A	N/A	N/A
Pressure strainer	50 mesh	50 mesh	50 mesh	50 mesh	50 mesh
Boom strainer	Optional (80 mesh)	50 mesh	50 mesh	50 mesh	50 mesh
BOOM					
Boom width options	80, 90 ft. (24, 27 m)	90, 100, 120, 132 ft. (27, 30, 36, 40 m)	90, 100, 120, 132 ft. (27, 30, 36, 40 m)	90, 100, 120, 132 ft. (27, 30, 36, 40 m)	90, 100, 120, 132 ft. (27, 30, 36, 40 m)
Plumbing material	1/2 in. Stainless steel	1 in. Stainless steel	1 in. Stainless steel	1 in. Stainless steel	1 in. Stainless steel
Ground height adjustment	23 - 101 in. (58 - 257 cm)	18 - 104 in. (46 - 264 cm)	18 - 104 in. (46 - 264 cm)	18 - 104 in. (46 - 264 cm)	18 - 104 in. (46 - 264 cm)
Breakaway length	10 ft. (3 m)	5, 12.5, 15, 11 ft. (1.5, 3.8, 4.6, 3.4 m)	5, 12.5, 15, 11 ft. (1.5, 3.8, 4.6, 3.4 m)	5, 12.5, 15, 11 ft. (1.5, 3.8, 4.6, 3.4 m)	5, 12.5, 15, 11 ft. (1.5, 3.8, 4.6, 3.4 m)
Boom sections	7	7 on 90', 9 on 100, 120, 132 ft.	9, DPS - 5 on 2nd boom	7 on 90', 9 on 100, 120, 132 ft.	9, DPS - 5 on 2nd boom
DRIVETRAIN					
Type Drive	Hydrostatic	Hydrostatic	Hydrostatic	Hydrostatic	Hydrostatic
Shifting	2 Ranges Field, 3 Ranges Road	Infinitely Variable	Infinitely Variable	Infinitely Variable	Infinitely Variable
Hydraulic reservoir capacity	25 gal. (95 L)	50 gal. (190 L)	50 gal. (190 L)	50 gal. (190 L)	50 gal. (190 L)
Spray speed	20 mph (32 km/h)	20 mph (32 km/h)	20 mph (32 km/h)	20 mph (32 km/h)	20 mph (32 km/h)
Transport speed	30 mph (45 km/h)**	35 mph (56 km/h)**	35 mph (56 km/h)**	35 mph (56 km/h)*	35 mph (56 km/h)**
CHASSIS					
Dry spinner spreader compatible	N/A	N/A	N/A	N/A	N/A
Suspension	Independent air-ride	Independent air-ride	Independent air-ride	Independent air-ride	Independent air-ride
Ground clearance with standard tires	72 in. (183 cm)	72 in. (183 cm)	72 in. (183 cm)	72 in. (183 cm)	72 in. (183 cm)
TIRES					
Factory-installed	380/80R38	380/105R50	380/105R50	380/105R50	380/105R50
Options	320/80R42, 540/65R30	320/105R54, 380/80R46, 380/90R46, 380/105R50, 420/95R50, 480/80R50, 520/85R38, 650/55R42	320/105R54, 380/80R46, 380/90R46, 380/105R50, 420/95R50, 480/80R50, 520/85R38, 650/55R42	320/105R54, 380/80R46, 380/90R46, 380/105R50, 420/95R50, 480/80R50, 520/85R38, 650/55R42	320/105R54, 380/80R46, 380/90R46, 380/105R50, 420/95R50, 480/80R50, 520/85R38, 650/55R42
Tread adjust	120 - 160 in. (305 - 406 cm)	120 - 160 in. (305 - 406 cm)	120 - 160 in. (305 - 406 cm)	120 - 160 in. (305 - 406 cm)	120 - 160 in. (305 - 406 cm)
Turning radius	19.4 ft. (5.9 m), 12.04 ft. (3.67 m) AWS	18.5 ft. (5.49 m), 12.04 ft. (3.67 m) AWS	18.5 ft. (5.49 m), 12.04 ft. (3.67 m) AWS	22.4 ft. (6.8 m), (18.75 ft./5.7 m) AWS	22.4 ft. (6.8 m), (18.75 ft./5.7 m) AWS
Parking brake	Integrated in final drives	Integrated in final drives	Integrated in final drives	Integrated in final drives	Integrated in final drives
Ladder raise/lower	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic
Total dry weight with 80 ft. boom	20,200 lbs. (9,163 kg)*	N/A	N/A	N/A	N/A
Total dry weight with 90 ft. boom	20,520 lbs. (9,308 kg)*	27,586 lbs. (12,512 kg)*	28,466 lbs. (12,912 kg)*	29,046 lbs. (13,175 kg)*	29,189 lbs. (13,240 kg)*
Total dry weight with 100 ft. boom	N/A	27,826 lbs. (12,622 kg)*	28,706 lbs. (13,021 kg)*	29,286 lbs. (13,284 kg)*	29,429 lbs. (13,349 kg)*
Total dry weight with 120 ft. boom	N/A	27,646 lbs. (12,540 kg)*	28,526 lbs. (12,939 kg)*	29,106 lbs. (13,202 kg)*	29,249 lbs. (13,267 kg) *
OPTIONS					
Air compressor	On board air	On board air	On board air	On board air	On board air
Foam marker compatibility	Injection Foamer Optional	Injection Foamer Optional	Injection Foamer Optional	Injection Foamer Optional	Injection Foamer Optional
Chemical eductor	Poly optional	Poly optional	Poly optional	Poly optional	Poly optional
Operator Station	Standard Cab or Premium Cab	Standard Cab or Premium Cab	Standard Cab or Premium Cab	Standard Cab or Premium Cab	Standard Cab or Premium Cab
Direct injection	Raven Sidekick optional	Raven Sidekick optional	Raven Sidekick optional	Raven Sidekick optional	Raven Sidekick optional

* [illegible] ** [illegible]

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