

SPS 10 & SPS 12

HAGIE
UpFront

1000-1200 Gallon **STS** Class Sprayers



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SP SPRAYERS

Specifications

Cab:
Hagie Built "Vision Series"
Ground Clearance:
73 In. (184.5 cm)
Tread Width:
120-152 in (304-386cm)
pending tire size
Tread Adjust:
Hydraulic (optional)
Wheel Base:
140 in. (355.6 cm)
Turning Radius:
18 ft (5.49m) (13 ft w/ AWS
option (3.96m))

BOOMS
Lengths: 60/80/90 & 60/100

SUSPENSION SYSTEM
Type:
Patented, four wheel
independent
Air ride:
Yes, with live air supply
Load Sense:
Automatic w/ 8 in. individual
leg travel
Air Compressor:

Yes, standard

SOLUTION SYSTEM

Tank capacity:
1000 gal or 1200 gal
Tank material:
STS10 poly (Stainless Option)
STS12: Stainless
Fill Location:
3 in. front fill (opt. 3 in. side-fill
chemical inductor w/ load
pump)
Agitation:
Infinitely variable sparge
Product pump:
9306C (centrifugal)
Pump volume:
214 GPM
Pump pressure:
40 PSI (max. 80 PSI)
Spray Control:

Raven 4600 w/ data logging
(GPS ready)
Foam marker:
Optional 36 gal stainless w/
live air, option 12 volt Richway

RINSE SYSTEM

Tank Capacity:
100 gal (378.5L)
Tank Material:
Poly gray w/ sight gauge
Activation:
In-cab control
Rinse type:
Independent boom & tank

ENGINE

Make:
Cummins QSB
Tier 3:
Yes
Rated power (hp):

STS10: 215 (160kw) w/ 275
option.
STS12: 275 (205kw)
Displacement:
6.7 L
Governed:
Electronic
Turbo:
Yes
Fuel Capacity:
150 gal (567.8 L)

DRIVE SYSTEM

Type:
Hydrostatic
Drive Pump:
Tandem 75cc
4-wheel Drive:
Full-time (X-Drive)
Wheel Motors:
60cc bent axis 2 speed
Final Drives:
Heavy duty planetary gear
drive

on tire size and field
conditions)

Ranges:

4
Max Field Speed:
18-20 mph (32 Km/h)
Max Road Speed:
30-35 mph (48Km/h)

WEIGHT (varies by tire and
boom size)

Dry Weight:
STS10: 22,500 (10,205KG)
STS12: 23,200 (10,523Kg)
Loaded Weight:
STS10: 33,195 (15,195Kg)
STS12: 35,607 (16,151Kg)

DIMENSIONS

Operating:
318" L/143"W/149"H
(8.01m/3.63m/3.78m)
Shipping:
318"L/143"W/144"H
(8.01m/3.63m/3.66m)

MACHINE SPEEDS (varies

We have this:

- Tighter Turning Radius**
- More Ground Clearance**
- Less ground Compaction**
- Narrow Leg Width**
- Optional All-Wheel Steer**
- More Boom Clearance**
- More Capacity**
- More Available Horsepower**
- Lighter Weight**
- Multi-Purpose**

Over our competition.*

*CaseIH, John Deere, and AGCO 1000-1200 gallon machines.

HAGIE
UpFront

SPS 12
SPS 10



MORE VERSATILITY



- One machine, multiple jobs
- Balanced in both directions
- Full season application
- Best ride in the industry
- Proven reliable track record
- Highest horsepower to weight ratio
- Narrow wheel package
- Optional Technology Upgrades
- Wide ladder and service platforms
- Protected hydraulic and electrical routings

STS12 in tall corn



Longer ladder



Sight gauge easily seen with either front or side fill locations

Gray rinse tank w/ sight gauge



All-Wheel Steer in use



Inside cab with standard seat

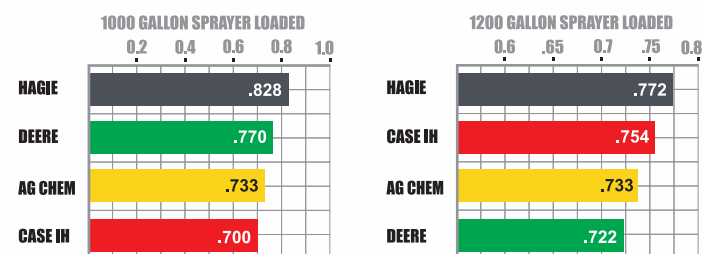


Easy access to engine compartment



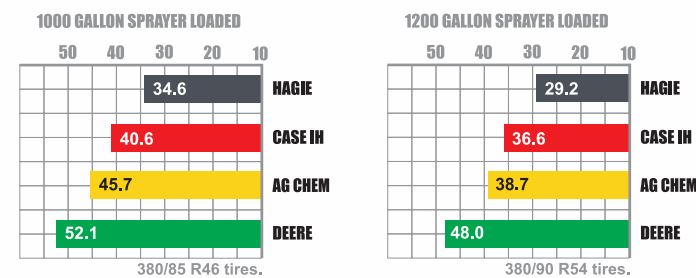
Nitrogen application attachment

HORSEPOWER-TO-WEIGHT RATIO



Two sprayers with equal horsepower, but unequal weights, will not have the same perceived power. But, if you compare the ratio of horsepower to weight, you get a much better comparison. It can show how a machine with less horsepower can perform better than one with more horsepower because it has to move a smaller load.

COMPACTION RATING – PSI



A tradition of innovation and continuous improvement

Since the first STS sprayer was built in 1999, Hagie has taken liquid application to a whole new level. Over this time frame we changed the engine hood, began building a new cab, redesigned the electrical system, and the hydraulic system. The STS10 and STS12 sprayer are both year-round, do it all, machines that can apply fertilizer during the pre-plant season, herbicides, insecticides and fertilizer mid-season, and then get above mature crops to apply insecticides, fungicides, and herbicides in late season. These two sprayers are manufactured with the same rugged standards that make them ideal for medium and large size farm as well as custom applicators. If you have never owned a Hagie before, we would like you to give us the opportunity to earn your business. Once you have operated a Hagie sprayer, you will find it hard to go back to anything else.

