

# Comparison of ESS Small Sprayers' Technical Specifications



	<b>MBP</b>	<b>EPS</b>	<b>GPS</b>	<b>TRG</b>
Nozzles	1	1	1	1
External air supply req.	No	No	No	Yes
CFM required	—	—	—	8 CFM/nozzle
Electricity required	No; 6.5 hp Gasoline motor	220v	No; 6.5 hp Gasoline motor	No
Electrical option	N/A	3-phase motor	No; see EPS	N/A
Standard twin-line hose	—	150 ft. (45.7 m.) on reel	150 ft. (45.7 m.) on reel	150 ft. (45.7 m.) on reel
Maximum twin-line hose	—	250 ft. (76.2 m.) on reel	250 ft. (76.2 m.) on reel	250 ft. (76.2 m.) on reel
Standard air hose	100 ft. (30.5 m.)	—	—	150 ft. (45.7 m.)
Maximum air hose	250 ft. (76.2 m.)	—	—	250 ft. (76.2 m.)
Weight empty	88 lbs. (40 kg.)	230 lbs. (104.3 kg.)	230 lbs. (104.3 kg.)	85 lbs. (38.5 kg.)
Weight full	120 lbs. (54.4 kg.)	270 lbs. (122.5 kg.)	270 lbs. (122.5 kg.)	125 lbs. (56.7 kg.)
Shipping weight	300 lbs. (136. kg.)	375 lb. (170 kg.)	375 lb. (170 kg.)	250 lbs. (113 kg.)
Type shipping container	Crate	Crate	Crate	Crate
Main tank capacity	2.5 or 4.0 gal. (9.5 L or 15.1 L.)	5 gal. (18.9 L.)	5 gal. (18.9 L.)	5 gal. (18.9 L.)
Dimensions	45" H x 25" W x 72" L (114 cm. x 13.5 cm. x 183 cm.)	31" H x 21" W x 66" L (0.8 m. x 0.5 m. x 1.7 m.)	40" H x 22" W x 42" L (102 cm. x 56 cm. x 107 cm.)	40" H x 22" W x 42" L (102 cm. x 56 cm. x 107 cm.)
Air line pressure	60 – 70 PSI (4.2 kg./cm <sup>2</sup> – 4.9 kg./cm <sup>2</sup> )	50 – 60 PSI (102 cm. x 56 cm. x 107 cm.)	50 – 60 PSI (3.5 kg./cm <sup>2</sup> – 4.2 kg./cm <sup>2</sup> )	60 - 70 PSI (4.2 kg./cm <sup>2</sup> - 4.9 kg./cm <sup>2</sup> )
Tank pressure	0	12 PSI (0.8 kg./cm <sup>2</sup> )	12 PSI (0.8 kg./cm <sup>2</sup> )	12 PSI (0.8 kg./cm <sup>2</sup> )
Flow rate (1 Nozzle)	2.5 gal./hr. (9.5L./hr.)	2.8 gal./hr. (10.6 L./hr.)	2.8 gal./hr. (10.6 L./hr.)	4. gal./hr. (15.1 L./hr.)
(2 Nozzles)		5.2 gal./hr. (19.7 L./hr.)	5.2 gal./hr. (19.7 L./hr.)	
Drop size	40 microns VMD	40 microns VMD	40 microns VMD	40 microns VMD
Spray range	15 – 20 ft. (4.6 m. – 6.1 m.)	15 – 20 ft. (4.6 m. – 6.1 m.)	15 – 20 ft. (4.6 m. – 6.1 m.)	15 – 20 ft. (4.6 m. - 6.1 m.)
Available options	2-headed spraygun	2-headed spraygun	2-headed spraygun	2 or 3 headed spraygun



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