

Dimensions

Imperial	SP-8500	SP-8550	SP-8500H
Empty Weight	780 lb	780 lb	780 lb
Overall Length	105½"	105½"	105½"
Overall Height	39"	39"	39"
Overall Width	48"	48"	48"
Floor Length	84"	84"	84"
Floor Width	44"	44"	44"
Hopper Length	96"	96"	96"
Hopper Width	48"	48"	48"

Metric	SP-8500	SP-8550	SP-8500H
Empty Weight	353.8 kg	353.8 kg	353.8 kg
Overall Length	268.0 cm	268.0 cm	268.0 cm
Overall Height	99.1 cm	99.1 cm	99.1 cm
Overall Width	121.9 cm	121.9 cm	121.9 cm
Floor Length	213.4 cm	213.4 cm	213.4 cm
Floor Width	111.8 cm	111.8 cm	111.8 cm
Hopper Length	243.8 cm	243.8 cm	243.8 cm
Hopper Width	121.9 cm	121.9 cm	121.9 cm

Operational

Imperial	SP-8500	SP-8550	SP-8500H
Capacity (Volume)	Struck 2.2 cu yd Rounded 2.5 cu yd	Struck 2.2 cu yd Rounded 2.5 cu yd	Struck 2.2 cu yd Rounded 2.5 cu yd
Capacity (Weight)	4,320 lb	4,320 lb	4,320 lb
Spreading Width	Up to 40'	Up to 40'	Up to 40'

Metric	SP-8500	SP-8550	SP-8500H
Capacity (Volume)	Struck 1.8 cu m Rounded 2 cu m	Struck 1.8 cu m Rounded 2 cu m	Struck 1.8 cu m Rounded 2 cu m
Capacity (Weight)	1,959.5 kg	1,959.5 kg	1,959.5 kg
Spreading Width	Up to 12.2 m	Up to 12.2 m	Up to 12.2 m

Electrical

Imperial	SP-8500	SP-8550	SP-8500H
Speed Control	Digital, self-diagnosing dual variable-speed control with auto reverse	Digital, self-diagnosing dual variable-speed control with auto reverse	Digital, self-diagnosing dual variable-speed control with auto reverse
Wiring Harness	Completely loomed with molded plugs and spare circuit	Completely loomed with molded plugs and spare circuit	Completely loomed with molded plugs and spare circuit

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**Construction**

Imperial	SP-8500	SP-8550	SP-8500H
Frame	Powder coated steel	Powder coated steel	Powder coated steel
Hopper	One-piece LLDPE safety yellow poly with integral vertical rib construction	One-piece LLDPE safety yellow poly with integral vertical rib construction	One-piece LLDPE safety yellow poly with integral vertical rib construction
Motors	Dual, 12-volt DC motor mounted in weather resistant enclosure	Dual, 12-volt DC motor mounted in weather resistant enclosure	Hydraulic
Spinner Drive Assembly	Compact, independent weather-tight patented motor transmission (spinner assembly is modular for quick connect)	Compact, independent weather-tight patented motor transmission (spinner assembly is modular for quick connect)	Compact, independent weather-tight patented motor transmission (spinner assembly is modular for quick connect)
Spinner	12" heavy-duty urethane spinner with integral hub assembly	12" heavy-duty urethane spinner with integral hub assembly	12" heavy-duty urethane spinner with integral hub assembly
Auger Drive Assembly	Heavy-duty solid steel construction with maximum-torque motor transmission drive	Heavy-duty solid steel construction with maximum-torque motor transmission drive	Heavy-duty solid steel construction with maximum-torque motor transmission drive
Auger	5" heavy-duty variable pitch steel flighting	5" heavy-duty variable pitch steel flighting	5" heavy-duty variable pitch steel flighting
Mounting	Positive locking mount with bolt-down kit and ratchet-strap assist	Positive locking mount with bolt-down kit and ratchet-strap assist	Positive locking mount with bolt-down kit and ratchet-strap assist

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Spinner	30.5 cm heavy-duty urethane spinner with integral hub assembly	30.5 cm heavy-duty urethane spinner with integral hub assembly	30.5 cm heavy-duty urethane spinner with integral hub assembly
Auger Drive Assembly	Heavy-duty solid steel construction with maximum-torque motor transmission drive	Heavy-duty solid steel construction with maximum-torque motor transmission drive	Heavy-duty solid steel construction with maximum-torque motor transmission drive
Auger	112.7 cm heavy-duty variable pitch steel flighting	112.7 cm heavy-duty variable pitch steel flighting	112.7 cm heavy-duty variable pitch steel flighting
Mounting	Positive locking mount with bolt-down kit and ratchet-strap assist	Positive locking mount with bolt-down kit and ratchet-strap assist	Positive locking mount with bolt-down kit and ratchet-strap assist

Standard Equipment

Imperial	SP-8500	SP-8550	SP-8500H
Top Screen	Hinged heavy-duty steel rod construction with grid pattern	Hinged heavy-duty steel rod construction with grid pattern	Hinged heavy-duty steel rod construction with grid pattern
Cover	Fitted tarp	Fitted tarp	Fitted tarp
Vibrator	Standard heavy-duty 12-volt DC	Standard heavy-duty 12-volt DC	Standard heavy-duty 12-volt DC
Inverted "V"	Patented vibrating inverted "V" to maximize material flow	Patented vibrating inverted "V" to maximize material flow	Patented vibrating inverted "V" to maximize material flow
Brake Light	Yes	Yes	Yes
Work Light	Yes	Yes	Yes

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