

Dimensions

Imperial	SP-9300X	SP-9500X	SP-9800X	SP-9300XH	SP-9500XH	SP-9800XH
Empty Weight	989 lb	1,044 lb	1,100 lb	989 lb	1,044 lb	1,100 lb
Overall Length	144"	155"	155"	144"	155"	155"
Overall Height	43"	45"	55"	43"	45"	55"
Overall Width	54"	54"	66"	54"	54"	66"
Floor Length	113"	122"	122"	144"	155"	155"
Floor Width	54"	54"	66"	54"	54"	66"
Hopper Length	108"	120"	120"	108"	120"	120"
Hopper Width	54"	54"	66"	54"	54"	66"

Metric	SP-9300X	SP-9500X	SP-9800X	SP-9300XH	SP-9500XH	SP-9800XH
Empty Weight	448.6 kg	473.6 kg	499.0 kg	448.6 kg	473.6 kg	499.0 kg
Overall Length	365.6 cm	393.6 cm	393.6 cm	365.6 cm	393.6 cm	393.6 cm
Overall Height	109.2 cm	114.3 cm	139.6 cm	109.2 cm	114.3 cm	139.6 cm
Overall Width	137.1 cm	137.1 cm	167.6 cm	137.1 cm	137.1 cm	167.6 cm
Floor Length	287.0 cm	309.9 cm	309.9 cm	365.6 cm	393.6 cm	393.6 cm
Floor Width	137.1 cm	137.1 cm	167.6 cm	137.1 cm	137.1 cm	167.6 cm
Hopper Length	274.3 cm	304.8 cm	304.8 cm	274.3 cm	304.8 cm	304.8 cm
Hopper Width	137.1 cm	137.1 cm	167.6 cm	137.1 cm	137.1 cm	167.6 cm

Operational

Imperial	SP-9300X	SP-9500X	SP-9800X	SP-9300XH	SP-9500XH	SP-9800XH
Capacity (Volume)	Struck 3.2 cu ydRounded 3.5 cu yd	Struck 4.2 cu ydRounded 4.5 cu yd	Struck 6.0 cu ydRounded 6.5 cu yd	Struck 3.2 cu ydRounded 3.5 cu yd	Struck 4.2 cu ydRounded 4.5 cu yd	Struck 6.0 cu ydRounded 6.5 cu yd
Capacity (Weight)	7,700 lb	10,000 lb	15,000 lb	7,700 lb	10,000 lb	15,000 lb
Spreading Width	Up to 40'	Up to 40'	Up to 40'	Up to 40'	Up to 40'	Up to 40'

Metric	SP-9300X	SP-9500X	SP-9800X	SP-9300XH	SP-9500XH	SP-9800XH
Capacity (Volume)	Struck 2.6 cu mRounded 2.8 cu m	Struck 3.4 cu mRounded 3.6 cu m	Struck 4.8 cu mRounded 5.2 cu m	Struck 2.6 cu mRounded 2.8 cu m	Struck 3.4 cu mRounded 3.6 cu m	Struck 4.8 cu mRounded 5.2 cu m
Capacity (Weight)	3,493 kg	4,536 kg	6,804 kg	3,493 kg	4,536 kg	6,804 kg
Spreading Width	Up to 12.2 m	Up to 12.2 m	Up to 12.2 m	Up to 12.2 m	Up to 12.2 m	Up to 12.2 m

Electrical

<i>Imperial</i>	<i>SP-9300X</i>	<i>SP-9500X</i>	<i>SP-9800X</i>	<i>SP-9300XH</i>	<i>SP-9500XH</i>	<i>SP-9800XH</i>
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	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	Multiple gauge wiring harness with weather-tight plugs and connectors	Multiple gauge wiring harness with weather-tight plugs and connectors	Multiple gauge wiring harness with weather-tight plugs and connectors	Multiple gauge wiring harness with weather-tight plugs and connectors	Multiple gauge wiring harness with weather-tight plugs and connectors	Multiple gauge wiring harness with weather-tight plugs and connectors

<i>Metric</i>	<i>SP-9300X</i>	<i>SP-9500X</i>	<i>SP-9800X</i>	<i>SP-9300XH</i>	<i>SP-9500XH</i>	<i>SP-9800XH</i>
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	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	Multiple gauge wiring harness with weather-tight plugs and connectors	Multiple gauge wiring harness with weather-tight plugs and connectors	Multiple gauge wiring harness with weather-tight plugs and connectors	Multiple gauge wiring harness with weather-tight plugs and connectors	Multiple gauge wiring harness with weather-tight plugs and connectors	Multiple gauge wiring harness with weather-tight plugs and connectors

Construction

Imperial	SP-9300X	SP-9500X	SP-9800X	SP-9300XH	SP-9500XH	SP-9800XH
Frame	Heavy-duty steel with enhanced corrosion control finish with unique 6-part organic top coat process	Heavy-duty steel with enhanced corrosion control finish with unique 6-part organic top coat process	Heavy-duty steel with enhanced corrosion control finish with unique 6-part organic top coat process	Heavy-duty steel with enhanced corrosion control finish with unique 6-part organic top coat process	Heavy-duty steel with enhanced corrosion control finish with unique 6-part organic top coat process	Heavy-duty steel with enhanced corrosion control finish with unique 6-part organic top coat process
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	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	Dual, 12-volt DC motor mounted in weather resistant enclosure	Hydraulic	Hydraulic	Hydraulic
Spinner Drive Assembly	Compact, independent weather-resistant (spinner assembly is stowable for transport)	Compact, independent weather-resistant (spinner assembly is stowable for transport)	Compact, independent weather-resistant (spinner assembly is stowable for transport)	Compact, independent weather-resistant (spinner assembly is stowable for transport)	Compact, independent weather-resistant (spinner assembly is stowable for transport)	Compact, independent weather-resistant (spinner assembly is stowable for transport)
Spinner	12" heavy-duty stainless steel adjustable cupped fin spinner (for varying spread pattern)	12" heavy-duty stainless steel adjustable cupped fin spinner (for varying spread pattern)	12" heavy-duty stainless steel adjustable cupped fin spinner (for varying spread pattern)	12" heavy-duty stainless steel adjustable cupped fin spinner (for varying spread pattern)	12" heavy-duty stainless steel adjustable cupped fin spinner (for varying spread pattern)	12" heavy-duty stainless steel adjustable cupped fin spinner (for varying spread pattern)
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	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	7" heavy-duty variable pitch steel flighting	7" heavy-duty variable pitch steel flighting	7" heavy-duty variable pitch steel flighting	7" heavy-duty variable pitch steel flighting	7" heavy-duty variable pitch steel flighting	7" heavy-duty variable pitch steel flighting
Mounting	Truck bed mounted with tie-down straps and controls	Truck bed mounted with tie-down straps and controls	Truck bed mounted with tie-down straps and controls	Truck bed mounted with tie-down straps and controls	Truck bed mounted with tie-down straps and controls	Truck bed mounted with tie-down straps and controls

Metric	SP-9300X	SP-9500X	SP-9800X	SP-9300XH	SP-9500XH	SP-9800XH
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Frame	Heavy-duty steel with enhanced corrosion control finish with unique 6-part organic top coat process	Heavy-duty steel with enhanced corrosion control finish with unique 6-part organic top coat process	Heavy-duty steel with enhanced corrosion control finish with unique 6-part organic top coat process	Heavy-duty steel with enhanced corrosion control finish with unique 6-part organic top coat process	Heavy-duty steel with enhanced corrosion control finish with unique 6-part organic top coat process	Heavy-duty steel with enhanced corrosion control finish with unique 6-part organic top coat process
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	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	Dual, 12-volt DC motor mounted in weather resistant enclosure	Hydraulic	Hydraulic	Hydraulic
Spinner Drive Assembly	Compact, independent weather-resistant (spinner assembly is stowable for transport	Compact, independent weather-resistant (spinner assembly is stowable for transport	Compact, independent weather-resistant (spinner assembly is stowable for transport	Compact, independent weather-resistant (spinner assembly is stowable for transport	Compact, independent weather-resistant (spinner assembly is stowable for transport	Compact, independent weather-resistant (spinner assembly is stowable for transport
Spinner	30.5 cm heavy-duty stainless steel adjustable cupped fin spinner (for varying spread pattern)	30.5 cm heavy-duty stainless steel adjustable cupped fin spinner (for varying spread pattern)	30.5 cm heavy-duty stainless steel adjustable cupped fin spinner (for varying spread pattern)	30.5 cm heavy-duty stainless steel adjustable cupped fin spinner (for varying spread pattern)	30.5 cm heavy-duty stainless steel adjustable cupped fin spinner (for varying spread pattern)	30.5 cm heavy-duty stainless steel adjustable cupped fin spinner (for varying spread pattern)
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	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	17.8 cm heavy-duty variable pitch steel flighting	17.8 cm heavy-duty variable pitch steel flighting	17.8 cm heavy-duty variable pitch steel flighting	17.8 cm heavy-duty variable pitch steel flighting	17.8 cm heavy-duty variable pitch steel flighting	17.8 cm heavy-duty variable pitch steel flighting
Mounting	Truck bed mounted with tie-down straps and controls	Truck bed mounted with tie-down straps and controls	Truck bed mounted with tie-down straps and controls	Truck bed mounted with tie-down straps and controls	Truck bed mounted with tie-down straps and controls	Truck bed mounted with tie-down straps and controls

Standard Equipment

Imperial	SP-9300X	SP-9500X	SP-9800X	SP-9300XH	SP-9500XH	SP-9800XH
Top Screen	Hinged heavy-duty steel rod construction with grid pattern	Hinged heavy-duty steel rod construction with grid pattern	Heavy-duty steel with angle iron edging	Hinged heavy-duty steel rod construction with grid pattern	Hinged heavy-duty steel rod construction with grid pattern	Heavy-duty steel with angle iron edging
Cover	Fitted tarp	Fitted tarp	Fitted tarp	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	Standard heavy-duty 12-volt DC	Standard heavy-duty 12-volt DC	Standard heavy-duty 12-volt DC
Inverted	Patented vibrating inverted "V" to maximize material flow	Patented vibrating inverted "V" to maximize material flow	Patented vibrating inverted "V" to maximize material flow	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	Yes	Yes	Yes
Work Light	Yes	Yes	Yes	Yes	Yes	Yes

Metric	SP-9300X	SP-9500X	SP-9800X	SP-9300XH	SP-9500XH	SP-9800XH
Top Screen	Hinged heavy-duty steel rod construction with grid pattern	Hinged heavy-duty steel rod construction with grid pattern	Heavy-duty steel with angle iron edging	Hinged heavy-duty steel rod construction with grid pattern	Hinged heavy-duty steel rod construction with grid pattern	Heavy-duty steel with angle iron edging
Cover	Fitted tarp	Fitted tarp	Fitted tarp	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	Standard heavy-duty 12-volt DC	Standard heavy-duty 12-volt DC	Standard heavy-duty 12-volt DC
Inverted	Patented vibrating inverted "V" to maximize material flow	Patented vibrating inverted "V" to maximize material flow	Patented vibrating inverted "V" to maximize material flow	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	Yes	Yes	Yes
Work Light	Yes	Yes	Yes	Yes	Yes	Yes