

**Construction**

<b>Imperial</b>	<b>11780</b>	<b>11790</b>	<b>11800</b>	<b>11810</b>
Frame	Stainless Steel	Stainless Steel	Stainless Steel	Stainless 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	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	Dual, 12-volt DC motor mounted in weather resistant enclosure
Spinner Drive Assembly	Flip Up/Removable Chute	Flip Up/Removable Chute	Flip Up/Removable Chute	Flip Up/Removable Chute
Spinner	12" heavy-duty polyurethane spinner with integral hub assembly	12" heavy-duty polyurethane spinner with integral hub assembly	12" heavy-duty polyurethane spinner with integral hub assembly	12" heavy-duty polyurethane spinner with integral hub assembly
HELIXX 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
HELIXX	6.25" heavy-duty shaftless auger variable pitch steel flighting	6.25" heavy-duty shaftless auger variable pitch steel flighting	6.25" heavy-duty shaftless auger variable pitch steel flighting	6.25" heavy-duty shaftless auger variable pitch steel flighting
Mounting	Truck bed mounted with ratchet-strap assist			

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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	Dual, 12-volt DC motor mounted in weather resistant enclosure
Spinner Drive Assembly	Flip Up/Removable Chute	Flip Up/Removable Chute	Flip Up/Removable Chute	Flip Up/Removable Chute
Spinner	30.5 cm heavy-duty polyurethane spinner with integral hub assembly	30.5 cm heavy-duty polyurethane spinner with integral hub assembly	30.5 cm heavy-duty polyurethane spinner with integral hub assembly	30.5 cm heavy-duty polyurethane spinner with integral hub assembly
HELIXX 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
HELIXX	15.9 cm heavy-duty shaftless auger variable pitch steel flighting	15.9 cm heavy-duty shaftless auger variable pitch steel flighting	15.9 cm heavy-duty shaftless auger variable pitch steel flighting	15.9 cm heavy-duty shaftless auger variable pitch steel flighting

Mounting	Truck bed mounted with ratchet-strap assist			
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**Dimensions**

<b>Imperial</b>	<b>11780</b>	<b>11790</b>	<b>11800</b>	<b>11810</b>
Approx. Weight (Empty)	412 lb	443 lb	694 lb	718 lb
Overall Length	106"	115"	133"	133"
Overall Height	52"	59"	76"	83.5"
Overall Width	49"	49"	67.25"	67.25"
Min. Bed Length	72"	80"	98"	98"
Hopper Length	80.75"	89.75"	109"	109"
Hopper Height	34.5"	41.5"	46.5"	54"
Hopper Width	49"	49"	67.25"	67.25"

<b>Metric</b>	<b>11780</b>	<b>11790</b>	<b>11800</b>	<b>11810</b>
Approx. Weight (Empty)	186.9 kg	200.9 kg	315.2 kg	325.7 kg
Overall Length	269.2 cm	292.1 cm	287.0 cm	287.0 cm
Overall Height	132.1 cm	149.9 cm	193.0 cm	212.1 cm
Overall Width	124.46 cm	124.46 cm	170.82 cm	170.82 cm
Min. Bed Length	182.88 cm	203.2 cm	248.92 cm	248.92 cm
Hopper Length	205.1 cm	227.9 cm	276.86 cm	276.86 cm
Hopper Height	87.63 cm	105.41 cm	118.11 cm	137.16 cm
Hopper Width	124.46 cm	124.46 cm	170.82 cm	170.82 cm

**Electrical**

<b>Imperial</b>	<b>11780</b>	<b>11790</b>	<b>11800</b>	<b>11810</b>
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
Wiring Harness	Single, 4-pin control harness wire to enter cab	Single, 4-pin control harness wire to enter cab	Single, 4-pin control harness wire to enter cab	Single, 4-pin control harness wire to enter cab

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Wiring Harness	Single, 4-pin control harness wire to enter cab	Single, 4-pin control harness wire to enter cab	Single, 4-pin control harness wire to enter cab	Single, 4-pin control harness wire to enter cab

**Operational**

<b>Imperial</b>	<b>11780</b>	<b>11790</b>	<b>11800</b>	<b>11810</b>
Capacity (Volume)	1.5 cu yd	2.25 cu yd	3.5 cu yd	5.0 cu yd
Capacity (Weight)	3,120 lb	4,680 lb	7,280 lb	10,400 lb

Spreading Width	8 - 40 ft			
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Capacity (Volume)	1.1 cu m	1.7 cu m	2.7 cu m	3.8 cu m
Capacity (Weight)	1,415.2 kg	2,122.8 kg	3,302.3 kg	4,717.4 kg
Spreading Width	2.4 - 12.2 m			

**Standard Equipment**

<b>Imperial</b>	<b>11780</b>	<b>11790</b>	<b>11800</b>	<b>11810</b>
Top Screen	Heavy-duty steel with angle iron edging			
Cover	Fitted tarp	Fitted tarp	Fitted tarp	Fitted tarp
Vibrator	Standard heavy-duty 12-volt DC			
Brake Light	Yes	Yes	Yes	Yes
Work Light	Yes	Yes	Yes	Yes

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Vibrator	Standard heavy-duty 12-volt DC			
Brake Light	Yes	Yes	Yes	Yes
Work Light	Yes	Yes	Yes	Yes