

Construction

| Imperial | 11780 | 11790 | 11800 | 11810 |
|------------------------|--|--|--|--|
| 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 | Truck bed mounted with ratchet-strap assist | Truck bed mounted with ratchet-strap assist | 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 |

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|----------|---|---|---|---|
| Mounting | Truck bed mounted with ratchet-strap assist | Truck bed mounted with ratchet-strap assist | Truck bed mounted with ratchet-strap assist | Truck bed mounted with ratchet-strap assist |
|----------|---|---|---|---|

Dimensions

| Imperial | 11780 | 11790 | 11800 | 11810 |
|------------------------|--------------|--------------|--------------|--------------|
| 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" |

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|------------------------|--------------|--------------|--------------|--------------|
| 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

| Imperial | 11780 | 11790 | 11800 | 11810 |
|-----------------|--|--|--|--|
| 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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| 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 |

Operational

| Imperial | 11780 | 11790 | 11800 | 11810 |
|-------------------|--------------|--------------|--------------|--------------|
| 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 | 8 - 40 ft | 8 - 40 ft | 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 | 2.4 - 12.2 m | 2.4 - 12.2 m | 2.4 - 12.2 m |

Standard Equipment

| Imperial | 11780 | 11790 | 11800 | 11810 |
|-----------------|---|---|---|---|
| Top Screen | Heavy-duty steel with angle iron edging | Heavy-duty steel with angle iron edging | Heavy-duty steel with angle iron edging | Heavy-duty steel with angle iron edging |
| Cover | 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 |
| Brake Light | Yes | Yes | Yes | Yes |
| Work Light | Yes | Yes | Yes | Yes |

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| Cover | 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 |
| Brake Light | Yes | Yes | Yes | Yes |
| Work Light | Yes | Yes | Yes | Yes |