

Renegade 1.5 - 5.0

| Imperial | 89510 | 86410 | 89520 | 86420 | 89530 | 86430 | 89540 | 86440 | 89550 | 86450 |
|---------------------------|--|--|--|--|---|---|---|---|---|---|
| Capacity (Volume) | 1.5 cu yd | 1.5 cu yd | 2.2 cu yd | 2.2 cu yd | 3.0 cu yd | 3.0 cu yd | 4.0 cu yd | 4.0 cu yd | 5.0 cu yd | 5.0 cu yd |
| Smart Model Number | S150C (Chain) | S150A (Auger) | S220C (Chain) | S220A (Auger) | S300C (Chain) | S300A (Auger) | S400C (Chain) | S400A (Auger) | S500C (Chain) | S500A (Auger) |
| Vehicle Compatibility | ¾ or 1-Ton Pickup, Dump Body, Flatbed, or 15,000+ GVWR Truck | ¾ or 1-Ton Pickup, Dump Body, Flatbed, or 15,000+ GVWR Truck | ¾ or 1-Ton Pickup, Dump Body, Flatbed, or 15,000+ GVWR Truck | ¾ or 1-Ton Pickup, Dump Body, Flatbed, or 15,000+ GVWR Truck | Dump Body, Flatbed, or 15,000+ GVWR Truck | Dump Body, Flatbed, or 15,000+ GVWR Truck | Dump Body, Flatbed, or 15,000+ GVWR Truck | Dump Body, Flatbed, or 15,000+ GVWR Truck | Dump Body, Flatbed, or 15,000+ GVWR Truck | Dump Body, Flatbed, or 15,000+ GVWR Truck |
| Material Compatibility | Bulk Salt, Bulk Sand, 50/50 Mix, Pre-Wet* & Liquid Brine* | Bulk Salt, Pre-Wet* & Liquid Brine* | Bulk Salt, Bulk Sand, 50/50 Mix, Pre-Wet* & Liquid Brine* | Bulk Salt, Pre-Wet* & Liquid Brine* | Bulk Salt, Bulk Sand, 50/50 Mix, Pre-Wet* & Liquid Brine* | Bulk Salt, Pre-Wet* & Liquid Brine* | Bulk Salt, Bulk Sand, 50/50 Mix, Pre-Wet* & Liquid Brine* | Bulk Salt, Pre-Wet* & Liquid Brine* | Bulk Salt, Bulk Sand, 50/50 Mix, Pre-Wet* & Liquid Brine* | Bulk Salt, Pre-Wet* & Liquid Brine* |
| Capacity (Weight) | 3,240 lb | 3,240 lb | 4,752 lb | 4,752 lb | 6,480 lb | 6,480 lb | 8,640 lb | 8,640 lb | 10,800 lb | 10,800 lb |
| Spreading Width | Salt: Up to 36' Sand: Up to 24' | Salt: Up to 36' | Salt: Up to 36' Sand: Up to 24' | Salt: Up to 36' | Salt: Up to 36' Sand: Up to 24' | Salt: Up to 36' | Salt: Up to 36' Sand: Up to 24' | Salt: Up to 36' | Salt: Up to 36' Sand: Up to 24' | Salt: Up to 36' |
| Approx. Weight** (Empty) | 530 lb | 500 lb | 580 lb | 550 lb | 750 lb | 700 lb | 820 lb | 770 lb | 910 lb | 850 lb |
| Hopper Length (A) | 84.50" | 84.50" | 96.50" | 96.50" | 96.50" | 96.50" | 108.50" | 108.50" | 108.50" | 108.50" |
| Bed Length (B) | 65.50" | 62.50" | 70.50" | 67.50" | 82.50" | 79.50" | 82.50" | 79.50" | 82.50" | 79.50" |
| Overall Hopper Length (C) | 107" | 111.50" | 119.25" | 123" | 120.50" | 123" | 128.75" | 129" | 126.25" | 129" |

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| Reference Diagram (A-C) | | | | | | | | | | | |
| Width of Hopper Opening (D) | 50" | 50" | 50" | 50" | 70" | 70" | 70" | 70" | 70" | 70" | |
| Height of Hopper w/o Chute (E) | 32" | 32" | 35.75" | 35.75" | 41" | 41" | 43.75" | 43.75" | 50.50" | 50.50" | |

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| Reference Diagram (D-E) | | | | | | | | | | | |
| Material Delivery Dimensions | 16" Wide | 6" Diameter | 16" Wide | 6" Diameter | 16" Wide | 6" Diameter | 16" Wide | 6" Diameter | 16" Wide | 6" Diameter | |
| Hopper Construction | Riveted Stainless Steel | Riveted Stainless Steel | Riveted Stainless Steel | Riveted Stainless Steel | Riveted Stainless Steel | Riveted Stainless Steel | Riveted Stainless Steel | Riveted Stainless Steel | Riveted Stainless Steel | Riveted Stainless Steel | |
| Spinner Size | 16" Diameter | 16" Diameter | 16" Diameter | 16" Diameter | 16" Diameter | 16" Diameter | 16" Diameter | 16" Diameter | 16" Diameter | 16" Diameter | |
| Factory Chute Configuration | Short | Short | Short | Short | Long | Long | Long | Long | Long | Long | |

| Metric | 89510 | 86410 | 89520 | 86420 | 89530 | 86430 | 89540 | 86440 | 89550 | 86450 |
|-------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Models | 89510 | 86410 | 89520 | 86420 | 89530 | 86430 | 89540 | 86440 | 89550 | 86450 |
| Capacity (Volume) | 1.15 cu m | 1.15 cu m | 1.68 cu m | 1.68 cu m | 2.29 cu m | 2.29 cu m | 3.06 cu m | 3.06 cu m | 3.82 cu m | 3.82 cu m |

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| Smart Model Number | S150C (Chain) | S150A (Auger) | S220C (Chain) | S220A (Auger) | S300C (Chain) | S300A (Auger) | S400C (Chain) | S400A (Auger) | S500C (Chain) | S500A (Auger) |
|---------------------------|--|--|--|--|---|---|---|---|---|---|
| Vehicle Compatibility | ¾ or 1-Ton Pickup, Dump Body, Flatbed, or 15,000+ GVWR Truck | ¾ or 1-Ton Pickup, Dump Body, Flatbed, or 15,000+ GVWR Truck | ¾ or 1-Ton Pickup, Dump Body, Flatbed, or 15,000+ GVWR Truck | ¾ or 1-Ton Pickup, Dump Body, Flatbed, or 15,000+ GVWR Truck | Dump Body, Flatbed, or 15,000+ GVWR Truck | Dump Body, Flatbed, or 15,000+ GVWR Truck | Dump Body, Flatbed, or 15,000+ GVWR Truck | Dump Body, Flatbed, or 15,000+ GVWR Truck | Dump Body, Flatbed, or 15,000+ GVWR Truck | Dump Body, Flatbed, or 15,000+ GVWR Truck |
| Vehicle Compatibility | Bulk Salt, Bulk Sand, 50/50 Mix, Pre-Wet* & Liquid Brine* | Bulk Salt, Pre-Wet* & Liquid Brine* | Bulk Salt, Bulk Sand, 50/50 Mix, Pre-Wet* & Liquid Brine* | Bulk Salt, Pre-Wet* & Liquid Brine* | Bulk Salt, Bulk Sand, 50/50 Mix, Pre-Wet* & Liquid Brine* | Bulk Salt, Pre-Wet* & Liquid Brine* | Bulk Salt, Bulk Sand, 50/50 Mix, Pre-Wet* & Liquid Brine* | Bulk Salt, Pre-Wet* & Liquid Brine* | Bulk Salt, Bulk Sand, 50/50 Mix, Pre-Wet* & Liquid Brine* | Bulk Salt, Pre-Wet* & Liquid Brine* |
| Capacity (Weight) | 1,470 kg | 1,470 kg | 2,155 kg | 2,155 kg | 2,939 kg | 2,939 kg | 3,919 kg | 3,919 kg | 4,899 kg | 4,899 kg |
| Spreading Width | Salt: Up to 10.97 m Sand: 7.32 m | Salt: Up to 10.97 m | Salt: Up to 10.97 m Sand: 7.32 m | Salt: Up to 10.97 m | Salt: Up to 10.97 m Sand: 7.32 m | Salt: Up to 10.97 m | Salt: Up to 10.97 m Sand: 7.32 m | Salt: Up to 10.97 m | Salt: Up to 10.97 m Sand: 7.32 m | Salt: Up to 10.97 m |
| Approx. Weight** (Empty) | 240 kg | 227 kg | 263 kg | 249 kg | 340 kg | 318 kg | 372 kg | 349 kg | 413 kg | 386 kg |
| Hopper Length (A) | 214.63 cm | 214.63 cm | 245.11 cm | 245.11 cm | 245.11 cm | 245.11 cm | 275.59 cm | 275.59 cm | 275.59 cm | 275.59 cm |
| Bed Length (B) | 166.37 cm | 158.75 cm | 179.07 cm | 171.45 cm | 209.55 cm | 201.93 cm | 209.55 cm | 201.93 cm | 209.55 cm | 201.93 cm |
| Overall Hopper Length (C) | 271.78 cm | 283.21 cm | 302.90 cm | 312.42 cm | 306.07 cm | 312.42 cm | 327.03 cm | 327.66 cm | 320.68 cm | 327.66 cm |

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| Reference Diagram (A-C) | | | | | | | | | | | |
| Width of Hopper Opening (D) | 127 cm | 127 cm | 127 cm | 127 cm | 177.8 cm | 177.8 cm | 177.8 cm | 177.8 cm | 177.8 cm | 177.8 cm | 177.8 cm |
| Height of Hopper w/o Chute (E) | 81.28 cm | 81.28 cm | 90.81 cm | 90.81 cm | 104.14 cm | 104.14 cm | 111.13 cm | 111.13 cm | 128.27 cm | 128.27 cm | 128.27 cm |

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|-------------------------|--|--|--|--|--|--|--|--|--|--|--|
| Reference Diagram (D-E) | | | | | | | | | | | |
| Material | 40.64 cm | 15.24 cm | 40.64 cm | 15.24 cm | 40.64 cm | 15.24 cm | 40.64 cm | 15.24 cm | 40.64 cm | 15.24 cm | |
| Delivery Dimensions | Wide | Diameter | Wide | Diameter | Wide | Diameter | Wide | Diameter | Wide | Diameter | |
| Hopper Construction | Riveted Stainless Steel | Riveted Stainless Steel | Riveted Stainless Steel | Riveted Stainless Steel | Riveted Stainless Steel | Riveted Stainless Steel | Riveted Stainless Steel | Riveted Stainless Steel | Riveted Stainless Steel | Riveted Stainless Steel | |
| Spinner Size | 40.64 cm Diameter | 40.64 cm Diameter | 40.64 cm Diameter | 40.64 cm Diameter | 40.64 cm Diameter | 40.64 cm Diameter | 40.64 cm Diameter | 40.64 cm Diameter | 40.64 cm Diameter | 40.64 cm Diameter | |

*C = Pintle Chain Conveyor / A = HELIXX Shaftless Auger * Accessory required for pre-wet and liquid brine ** Material weight equates to approximately 2,160 lb/cu yd or 80 lb/cu ft for 1 bag of rock salt.*