

HDV V-Plow

Imperial	7775	7770	7785	7780
Blade Width	8'6"	8'6"	9'6"	9'6"
Moldboard Options	Stainless Steel	Powder-Coated Steel	Stainless Steel	Powder-Coated Steel
Blade Type	V-Plow	V-Plow	V-Plow	V-Plow
Vehicle Compatibility	Truck Class 2 - 6 (under 26,000 lb GVWR) & Tractors	Truck Class 2 - 6 (under 26,000 lb GVWR) & Tractors	Truck Class 2 - 6 (under 26,000 lb GVWR) & Tractors	Truck Class 2 - 6 (under 26,000 lb GVWR) & Tractors
Approx. Weight*	950 lbs	950 lbs	1,020 lbs	1,020 lbs
Plowing Width (Straight)	Straight: 102" - 112.5" (w/ Wings) V: 92" - 115" (w/ Wings) Scoop: 86" - 98" (w/ Wings)	Straight: 102" - 112.5" (w/ Wings) V: 92" - 115" (w/ Wings) Scoop: 86" - 98" (w/ Wings)	Straight: 114" - 124.5" (w/ Wings) V: 103" - 126" (w/ Wings) Scoop: 98" - 110" (w/ Wings)	Straight: 114" - 124.5" (w/ Wings) V: 103" - 126" (w/ Wings) Scoop: 98" - 110" (w/ Wings)
Plowing Width (Full Angle)	90" -115" w/ Wings	90" -115" w/ Wings	103.2" - 118" w/ Wings	103.2" - 118" w/ Wings
Blade Height	At Hinge: 31" At End: 38"	At Hinge: 31" At End: 38"	At Hinge: 31" At End: 39"	At Hinge: 31" At End: 39"
Angle Cylinders	1.75" x 11"	1.75" x 11"	1.75" x 11"	1.75" x 11"
Cutting Edge	3/8 " (Standard)	3/8 " (Standard)	½" (Standard)	½" (Standard)
Blade Thickness	16 ga	16 ga	16 ga	16 ga
Reinforcement Ribs	6 vertical/1 angle	6 vertical/1 angle	8 vertical/1 angle	8 vertical/1 angle
Trip Springs	4 steel	4 steel	6 steel	6 steel

Metric	7775	7770	7785	7780
Models	77775	77770	77785	77780
Blade Width	259.1 cm	259.1 cm	289.6 cm	289.6 cm
Moldboard Options	Stainless Steel	Powder-Coated Steel	Stainless Steel	Powder-Coated Steel
Blade Type	V-Plow	V-Plow	V-Plow	V-Plow
Vehicle Compatibility	Truck Class 2 - 6 (under 26,000 lb GVWR) & Tractors	Truck Class 2 - 6 (under 26,000 lb GVWR) & Tractors	Truck Class 2 - 6 (under 26,000 lb GVWR) & Tractors	Truck Class 2 - 6 (under 26,000 lb GVWR) & Tractors
Approx. Weight*	430 kg	430 kg	462 kg	462 kg
Plowing Width (Straight)	Straight: 259 cm - 285.8 cm (w/ Wings) V: 233.7 cm - 292.1 cm (w/ Wings) Scoop: 218.4 cm - 249 cm (w/ Wings)	Straight: 259 cm - 285.8 cm (w/ Wings) V: 233.7 cm - 292.1 cm (w/ Wings) Scoop: 218.4 cm - 249 cm (w/ Wings)	Straight: 289.5 cm - 316.2 cm (w/ Wings) V: 261.6 cm - 320 cm (w/ Wings) Scoop: 249 cm - 279.4 cm (w/ Wings)	Straight: 289.5 cm - 316.2 cm (w/ Wings) V: 261.6 cm - 320 cm (w/ Wings) Scoop: 249 cm - 279.4 cm (w/ Wings)
Plowing Width (Full Angle)	228.6 cm - 292.1 cm w/ Wings	228.6 cm - 292.1 cm w/ Wings	262.1 cm - 299.7 cm w/ Wings	262.1 cm - 299.7 cm w/ Wings
Blade Height	At Hinge: 78.7 cm At End: 96.5 cm	At Hinge: 78.7 cm At End: 96.5 cm	At Hinge: 78.7 cm At End: 99.1 cm	At Hinge: 78.7 cm At End: 99.1 cm
Angle Cylinders	4.4 cm x 27.9 cm			
Cutting Edge	0.953 cm (Standard)	0.953 cm (Standard)	1.3 cm (Standard)	1.3 cm (Standard)
Blade Thickness	16 ga	16 ga	16 ga	16 ga
Reinforcement Ribs	6 vertical/1 angle	6 vertical/1 angle	8 vertical/1 angle	8 vertical/1 angle

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Trip Springs	4 steel	4 steel	6 steel	6 steel
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**Does not include vehicle mount (28 lb - 145 lb weight range). Please refer to the Power Match program for specific vehicle applications.*