



SnowEx 8600HD 8'6" Heavy Duty Straight Blade Plow 77730-1

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Product Description

SnowEx 8600HD 8'6" Snow Plow

The SnowEx 8600HD is a professional-grade straight blade designed for class 2-5 trucks & 3-4 series tractors. Featuring a 8'6" blade width, this plow delivers efficient snow removal performance for commercial and residential applications. The 8600HD combines rugged construction with user-friendly operation to handle winter's toughest conditions.

Key Features and Benefits

- 8'6" blade width provides excellent coverage for efficient plowing
- Plowing width of 8'6"10'3" (W/ Wings) when straight, 7'5"8'10" (W/ Wings) at full angle
- 2'7" blade height for optimal snow containment and rolling action
- Powder-Coated Steel moldboard construction ensures durability and long service life
- 12 ga blade thickness provides structural strength without excess weight
- 6 vertical/2 angle reinforcement ribs add strength to the blade structure
- 4 steel trip springs protect the plow from obstacles and damage
- ½" x 6" (Standard) cutting edge delivers clean scraping and long wear life
- 1½" angle cylinders provide reliable blade angling

Performance and Construction

The SnowEx 8600HD snow plow is engineered for dependable winter performance. At approximately 763.5 lbs, the plow provides excellent weight distribution for vehicle handling while delivering the mass needed for effective snow moving. The straight blade design offers straightforward operation and clean windrows, ideal for parking lots and driveways. The powder-coated steel construction resists corrosion and maintains its finish season after season. With 12 ga material thickness, the blade provides the rigidity needed for heavy use while keeping overall weight manageable. Strategically placed 6 vertical/2 angle reinforcement ribs add vertical strength and prevent blade flex under load.

Trip Mechanism and Protection

The 8600HD features 4 steel trip springs that allow the blade to trip backward when it encounters an immovable obstacle such as a curb, manhole cover, or frozen buildup. This trip-edge design protects both the plow and the vehicle from damage while allowing the operator to continue working. The springs automatically reset the blade to its working position once the obstacle is cleared, minimizing downtime and maximizing productivity.

Cutting Edge and Wear Components

The 8600HD comes equipped with a ½" x 6" (Standard) cutting edge as standard. This replaceable wear component protects the moldboard from abrasion while providing clean scraping action. The cutting edge is designed for easy replacement when worn, extending the service life of the plow. Multiple edge options may be available for different surfaces and applications.

Hydraulic System and Blade Angling

The plow's hydraulic system utilizes 1½" angle cylinders to control blade position. This setup provides reliable angling performance in cold weather conditions. The hydraulic components are designed for commercial duty cycles and can handle the demands of long plowing sessions. Operators can quickly angle the blade left or right to windrow snow efficiently or work along obstacles.

Vehicle Compatibility and Mounting

The SnowEx 8600HD is designed for class 2-5 trucks & 3-4 series tractors. The plow requires a compatible vehicle-specific mounting system, which is sold separately. SnowEx offers a Power Match program to help match the correct plow and mount to your specific vehicle. The mounting system allows for quick attachment and removal, letting you use your vehicle for other purposes when plowing is not needed. Professional installation is recommended to ensure proper fit and function.

Ideal Applications

The SnowEx 8600HD 8'6" snow plow is well-suited for a variety of snow removal applications. The plow is ideal for medium-duty commercial applications including parking lots, business entrances, and municipal work. Contractors, municipalities, facility managers, and property owners rely on SnowEx plows for consistent performance when winter weather demands reliable snow removal equipment.

SnowEx Quality and Support

SnowEx is a trusted name in snow and ice management equipment, backed by Douglas Dynamics. The brand is known for building durable, dependable products that perform season after season. SnowEx dealers provide expert support, genuine parts, and service to keep your plow operating at peak performance. Comprehensive owner's manuals and installation guides are available to help you get the most from your equipment.
