

P5000

Snowplow

The P5000 is a high-performance, fully reversible snow plow engineered for efficient runway clearing. Its robust design and versatile mounting options ensure seamless integration with various chassis, including DIN, hands-free, hustings, J-hook, and pin-type hitches. With a moldboard height of 50 inches and adjustable angles of 65°, 75°, or 85°, the P5000 delivers precise snow removal tailored to specific operational needs.

Highlights

- **Adjustable moldboard angles**: 65°, 75°, or 85°
- **Lightweight design** saves approx. 500 lbs
- 50“ moldboard height for **efficient snow clearing**
- **Compatible with multiple hitch types**
- Rubber deflector **reduces overspray**

Your benefits

- **Efficient snow removal** even in heavy, compacted conditions, **keeping airport runways operational**
- Lighter weight **reduces fuel consumption** and **lowers overall operating costs**
- Durable build and quality components ensure **long-term, reliable performance in winter conditions**
- **Mounts easily to various chassis types**, simplifying integration into existing airport fleets.
- Rubber deflector **improves visibility** by reducing snow spray, **increasing safety for the operator**

Performance features

Plow Blade

The P5000 features a straight moldboard blade with a 50-inch height, designed for efficient snow displacement. The moldboard is lined with high-visibility green polyethylene to enhance visibility during operations. Adjustable angles of 65°, 75°, or 85° allow for tailored snow clearing to meet specific needs.







Lifting Device

Utilizes the chassis's hydraulic system for lifting and swinging operations, ensuring smooth and efficient movement. Requires two auxiliary hydraulic circuits on the chassis and an integral float to allow the plow to follow the pavement independently.

Override Security System

The P5000 is equipped with a trip moldboard option, allowing the blade to trip over obstacles and return to its original position without causing damage, ensuring safe operation in varying conditions.

Snow Deflector

A front-mounted rubber deflector is standard, designed to reduce overspray and enhance operator visibility, contributing to safer and more efficient snow clearing operations.

Caster Tires

Two heavy-duty single casters are included to minimize shimmy and vibration, increasing tire life and ensuring stable operation during snow clearing activities.



Engineered for relentless conditions, MB machines set the standard for reliable performance and safe and efficient operations on the runway.

Technical data

	P5000 14‘	P5000 16‘	P5000 18‘
Construction			
Number of blades	1	1	1
Attack angle of the blade	65° / 85°	65° / 85°	65° / 85°
Swiveling angle	32°	32°	32°
Dimensions			
Moldboard height	50“	50“	50“
Plow height centre	50“	50“	50“
Plow height right and left	78“	78“	78“
Length at cutting edge, folded out	14‘	16‘	18‘
Moldboard length	14‘	16‘	18‘
Operational Dimensions			
Working width	11‘ 10“	13‘ 7“	15‘ 3“
Working width max.	13‘ 8“	15‘ 6“	17‘ 4“
Clearing width	11‘ 10“ at 32°	13‘ 7“ at 32°	15‘ 3“ at 32°
Weights			
Approx weight	5,000 lbs	5,300 lbs	5,600 lbs

	P5000 20‘	P5000 22‘	P5000 24‘
Construction			
Number of blades	1	1	1
Attack angle of the blade	65° / 85°	65° / 85°	65° / 85°
Swiveling angle	32°	32°	32°
Dimensions			
Moldboard height	50“	50“	50“
Plow height centre	50“	50“	50“
Plow height right and left	78“	78“	78“
Length at cutting edge, folded out	20‘	22‘	24‘
Moldboard length	20‘	22‘	24‘
Operational Dimensions			
Working width	17‘	18‘ 8“	20‘ 4“
Working width max.	19‘ 2“	21‘	22‘ 10“
Clearing width	17‘ at 32°	18‘ 8“ at 32°	20‘ 4“ at 32°
Weights			
Approx weight	5,900 lbs	6,200 lbs	6,500 lbs

aebi schmidt group

Aebi Schmidt North America Inc.
201 MB Lane
Chilton, WI 53014, USA
Phone: +1 800 558 5800
www.aebi-schmidt.com

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Telemet · Office in Chile

Los Canteros 8723, La Reina, Santiago 7880414, Chile

Phone +56 22 356 2735

info@telemet.com

telemet.com