

**OFTEN IMITATED,
BUT NEVER EQUALED**

The SMI tow behind 14 ft (4.3 m) sweeper is an indispensable piece of equipment to achieve effective airfield snow removal and maintenance operations. It contains all the necessary features to meet the airport's requirements:

- Automatic broom pattern adjustment system
- Self-contained unit. No hydraulic and electric power required from the towing carrier
- 300 HP Caterpillar® C7.1 Tier 4 Final Diesel engine
- Reliable mechanical or hydrostatic broom drive



ESSENTIAL FEATURES



The sweeper functions are easily controlled by a joystick and an intuitive touch screen.

The powerful blower fan produces air velocity of 470 km/hr at the nozzles output, providing optimal cleaning performances.

OPTIONS

- Vibrator installed on the broom cover
- LED work lights
- Wireless remote control system
- Air or electric brakes
- Additional control box
- Adjustable snow deflector on the broom cover
- Short tube attachment

Specifications	SW324D	SW425HF
Frame type choice	Front swivel wheel and tow bar Or 5th wheel type towing bar (no front wheel)	
Capacity		
Clearing width	4,3 m (14 ft)	4,3 m (14 ft)
Maximum operating speed	48 km/h (30 mph)	48 km/h (30 mph)
Broom		
Broom drive system	Mechanical A central differential drives a chain system on each broom end	Hydrostatic One hydraulic motor at each brush end
Length (broom only)	4191 mm (165 in)	4191 mm (165 in)
Diameter	914 mm (36 in)	914 mm (36 in)
Working angle	28° each side	30° each side
Rotation speed	540 RPM	600 RPM
Broom pattern adjustment	Automatic From 10 to 15 cm (4 to 6 in)	Automatic From 10 to 15 cm (4 to 6 in)
Powertrain		
Engine power	227,3 kW (300 hp)	227,3 kW (300 hp)
Engine type	Diesel, Tier 4 Final	Diesel, Tier 4 Final
Clutch	Twin Disc 2 plates, 11,5 in Ø	Twin Disc 2 plates, 11,5 in Ø
Air Blower		
Air flow	13,82 m ³ /s (29 283 CFM)	13,82 m ³ /s (29 283 CFM)
Air speed at nozzle outlets	470 km/h (292 mph)	470 km/h (292 mph)
Nozzle positioning	Rotates to the left and to the right	Rotates to the left and to the right
Control Panel	Joystick and an intuitive color touch screen	
Tires		
Front swivel wheel (tow bar)	1 tire 215/80 R16	1 tire 215/80 R16
Main swivel wheels (broom)	2 tires 245/70 R17.5	2 tires 245/70 R17.5
Auxiliary wheels (axle)	2 tires 6,00x9	2 tires 6,00x9
Weight and Dimensions	*Length with tow bar (varies depending on attachment type)	
Weight	8392kg (18 500 lb) approx.	8392 kg (18 500 lb) approx.
Overall length (towing position)	7903 mm (25' - 11 3/16")*	7903 mm (25' - 11 3/16")*
Overall width - straight broom	4836 mm (15' - 10 3/8")	4836 mm (15' - 10 3/8")
Overall width - angled broom	4664 mm (15' - 3 5/8")	4664 mm (15' - 3 5/8")
Cowling height (closed)	2194 mm (86 3/8")	2194 mm (86 3/8")

Tenco Inc. reserves the right to modify or discontinue any design, specifications, characteristics, model, or accessory without notice.

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