

**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 cowl tilts backward, providing easy access to the engine for routine service and maintenance.



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 brakes
- Adjustable snow deflector on the broom cover

Specifications	SW324D	SW425HF
<b>Frame type choice</b>	Front swivel wheel and tow bar or 5th wheel type towing bar (no front wheel)	
<b>Capacity</b>		
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)
<b>Broom</b>		
Broom drive system	Mechanical	Hydrostatic
Length	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)
<b>Powertrain</b>		
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
<b>Air Blower</b>		
Air flow	13,82 m <sup>3</sup> /s (29 283 CFM)	13,82 m <sup>3</sup> /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
<b>Control Panel</b>	Controls all sweeper fonctions	
<b>Tires</b>		
Front wheel	1 tire 215/80 R16	1 tire 215/80 R16
Main wheels	2 tires 245/70 R17.5	2 tires 245/70 R17.5
Auxiliary wheels	2 tires 6,00x9	2 tires 6,00x9
<b>Weight and Dimensions</b>		
Weight	7711 kg (17 000 lb) approx.	7711 kg (17 000 lb) approx.
Overall length	7903 mm (311 ½ in)	7903 mm (311 ½ in)
Overall width – straight broom	4836 mm (190 ¾ in)	4836 mm (190 ¾ in)
Overall width – angled broom	4664 mm (183 ⅝ in)	4664 mm (183 ⅝ in)
Cowling height	2118 mm (83 ⅜ in)	2118 mm (83 ⅜ in)

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

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