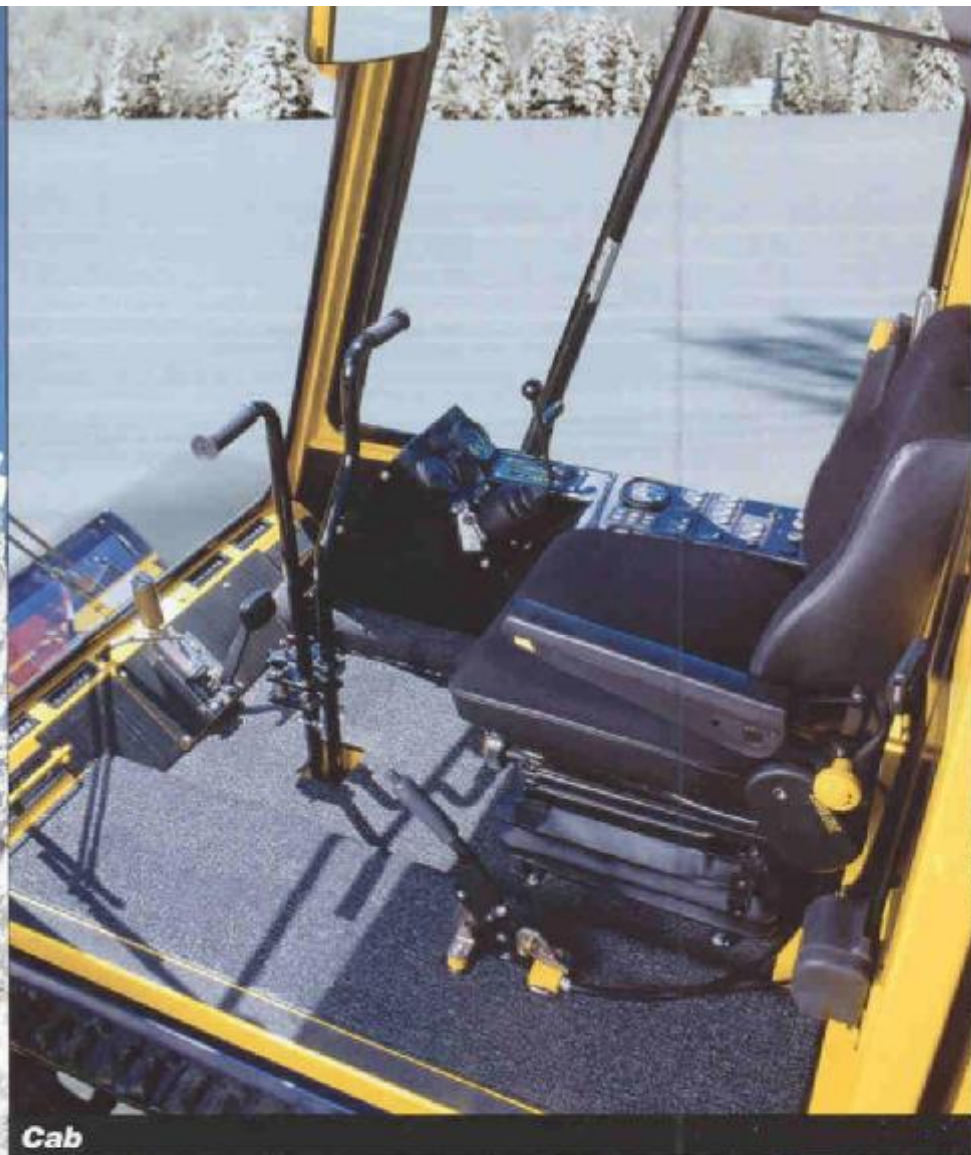


SW 48



# SW 48

High Speed Sidewalk  
Snowplow



**Cab**

Ergonomic design with low noise levels and excellent all around visibility. Built to R.O.P.S. standards for operator safety and comfort.



## **Accessibility**

Designed for ease of maintenance with tilting cab and large rear access panels.



**Sand and Salt Spreader**

The sand and salt spreader is hydraulically driven with a capacity of, 0.28 m<sup>3</sup> (.50 yd<sup>3</sup>), to keep sidewalks safe in the worst of conditions.



**Tracks**

Available with steel crosslinks, rubber covered steel or endless molded tracks.

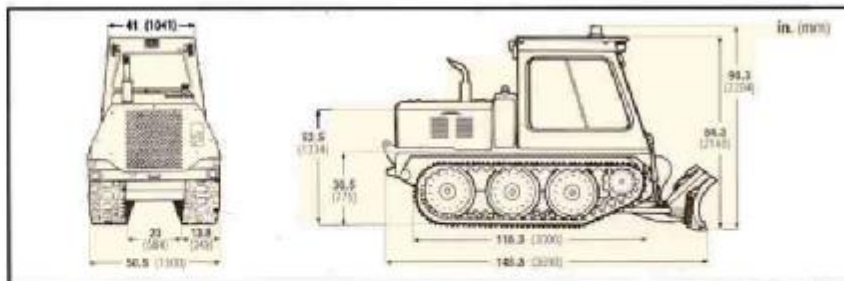


**Blades**

Available with V Plow or straight blade with hydraulic angling. The straight blade features a heavy duty tipping cutting edge, which allows blade down pressure for clearing tough ice and snow.



# SW48



## ENGINE

Make	Perkins	
Model	1004-42	
No of Cylinders	4	
Displacement	236 cu. in.	3.9 L
Horsepower @ 2400 rpm	81.5 HP	61 kW
Torque @ 1400 rpm	213 lbs. ft.	290 N.m

## POWER TRAIN

Transmission	Ford Automatic C-6	
- Make	Ford	
- Type	Automatic	
- Model	C-6	
Differential	Planetary control	
Drive sprockets	Rubber and fabric	
- Type	Rubber and fabric	
- Location	Front	
Brake	Hydraulic disc on drive line	
- Service	Hydraulic disc on drive line	
- Parking	Mechanical disc on drive line	

## STEERING

Manual, operation through controlled differential

## CHASSIS

Type Toboggan, welded

## SUSPENSION

Front wheels on torsion trailing lever  
Rear wheels on walking beam

## WHEELS

Quantity	6
Type of tire	Solid
Size	4.5 in. x 16 in. (114 mm x 406 mm)

## TRACKS

Type	Endless rubber tracks with steel wire reinforcement
Width	13.75 in. (350 mm)

## ELECTRICAL

Voltage	12 volts
Battery Capacity	750 CCA
Alternator Capacity	106 amps

## DIMENSIONS

Overall Width	50.5 (1300)
- without blade	
Overall Length	145.3 (3690)
- with blade	
Overall Height	90.3 (2294)
Ground Clearance	8.5 (214)
Frame Height	30.5 (775)

Shipping Weight	5150 lbs. (2336 kg)	
- Vehicle without blade	5150 lbs. (2336 kg)	
Shipping weight	5600 lbs. (2540 kg)	
- Vehicle with blade	5600 lbs. (2540 kg)	

## HYDRAULIC SYSTEM

Pump Flow	5.1 US GPM @ 1200 rpm
	19.2 L/min
Relief Valve Setting	1300 PSI

## CAPACITIES

	U.S. gallons	Liters
Engine Cooling system	6.6	25.0
Fuel tank	40.0	152.0
Engine Oil Pan	2.5	9.4
Transmission	2.4	9.0
Differential	4.8	18.0
Hydraulic Tank	10.0	38.0
Windshield washer tank	1.1	4.0

## PERFORMANCE

Maximum Speed	19 mph	30 km/h
Inside Turning Radius	12 ft.	3.7 m
Ground pressure	2.9 Psi	203 g/cm <sup>2</sup>
Maximum Gradeability: (static test when loaded)		
- Uphill	Up to 55 %	
- Sidehill	Up to 35 %	

## CAB

1 person, insulated cab with electric power lift and integrated roll over protective structure (ROPS) complying with SAE J1040  
Three point safety belt  
Adjustable suspension seat  
Heater / defroster with fresh air intake  
Windshield wiper and washer  
Intermittent windshield wiper  
Dome light and dash lights  
Front (halogen) lights

## CAB (continued)

1 rear light  
2 stop and tail lights  
Parking brake light  
Directional signal lights  
Roof strobe light

## STANDARD EQUIPMENT

Engine block heater 600 W  
Air Cleaner - Type Dry  
Anti - freeze Up to -35°F (-37°C)  
Back-up alarm  
Oil cooler for differential with temperature indicator and filter  
Instruments:  
Hourmeter  
Fuel gauge  
Oil pressure gauge  
Temperature gauge  
Voltmeter  
Fuel level indicator  
Warning lights:  
Engine oil temperature  
Engine oil pressure  
Transmission oil temperature  
Parking brake  
High beam light  
Alternator charge capacity  
Warning buzzers:  
Engine temperature  
Engine oil pressure  
Transmission oil temperature  
Blade push frame

## OPTIONAL EQUIPMENT

Cab  
Special color  
Radio with speakers  
Rear windshield wiper  
Rear windshield defroster with visual indicator  
Headlight protector  
Strobe light protector  
Transmission oil temperature indicator  
Speedometer

Tracks  
With rubber covered steel crosslinks  
With steel crosslinks

	Width
Narrow	58 in. (1470 mm)
Wide	70 in. (1770 mm)
V plow	48 in. (1200 mm)

Miscellaneous  
Additional rear hydraulics  
Sand spreader

Vehicle shown with optional equipment. The specifications for a basic vehicle are given on the basis of adequate skills and ability of operator (as indicated in Operator's Guide) and under ideal snow conditions. The manufacturer reserves the right to change or discontinue any specifications, design, features, model or accessories shown or instructed without notice. \* Trade Mark of Bombardier Inc. © Copyright Bombardier Inc. 10/2001

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