

# PSB 5500

The VAMMAS 3-in-1 PSB-high speed concept has been proven for years in both Europe and North America. All PSB units are manufactured to the highest standards of quality and reliability. The PSB concept is a highly effective snow removal system that effectively utilizes human resources for winter airfield maintenance programs.



## PSB Advanced Technological Design

- Plow provides a segmented cutting edge design with a flexible moldboard that maintain cutting edge surface contact in various surface and snow conditions
- Dense 46 inch wafer broom for increased performance with automatic broom pattern and speed adjustments
- Powerful air blower to remove remnants as well as snow from edge lights
- Ergonomically designed 'control tower' cab, with operator in the center to have excellent, all-around visibility
- All PSB functions are integrated into the Vammas CAN system which monitor and report any operating concerns to the operator

### P8400 Plow



### 46 Wafer Broom



## Best Cab in the Industry

The ergonomically designed operator cab provides 360 degree visibility and the quietest cab on the market. One touch finger controls minimize operator fatigue during a snow event. Dual thermal pane glass with electrically heated windows ensure the operator has the best visibility in all conditions.



Newly designed flexible moldboard P8400 (30ft) plow allows the Vammas PSB 5500 to easily move large capacities of snow, while keeping the cutting edge on the surface. Segmented cutting edges minimize the damage to in pavement lighting.



The new broom design revolutionizes the application of brooms for airport use. The wafer broom exceeds all performance criteria during a snow event. The 22ft, 35 degree angle, 46 inch diameter broom, with wafer bristles, puts the power to the surface with increased broom rotation speeds. Only two castor wheels are necessary each 31 inch in diameter, with mechanical turning adjustments, supporting higher operating speeds, with no castor wobble.



# Vammas

## Innovative Snow Removal Systems



## Technical Specifications

### VEHICLE DIMENSIONS

Total length with plow  
68ft 7in  
Total working width  
24ft 7in  
Total width in transport no plow  
8ft 2in  
Total height  
12ft  
Weight without the plow  
66,000lbs  
Turning radius curb to curb  
35ft 9in  
Turning radius end of plow  
60ft

### P8400 PLOW DIMENSIONS

Plow width straight  
30ft  
Working total plow width  
24ft  
Width of cutting edge @ 37°  
22ft  
Working angle of the plow  
37°

### V46 BROOM DIMENSIONS

Broom total width  
22ft  
Working width  
18ft  
Broom diameter  
46in  
Broom working angle  
35°  
Castor wheels  
2 @ 31in. dia.

### AIR BLAST

Air flow  
23,400cfm  
Air nozzle speed  
250 mph

### DRIVE LINE

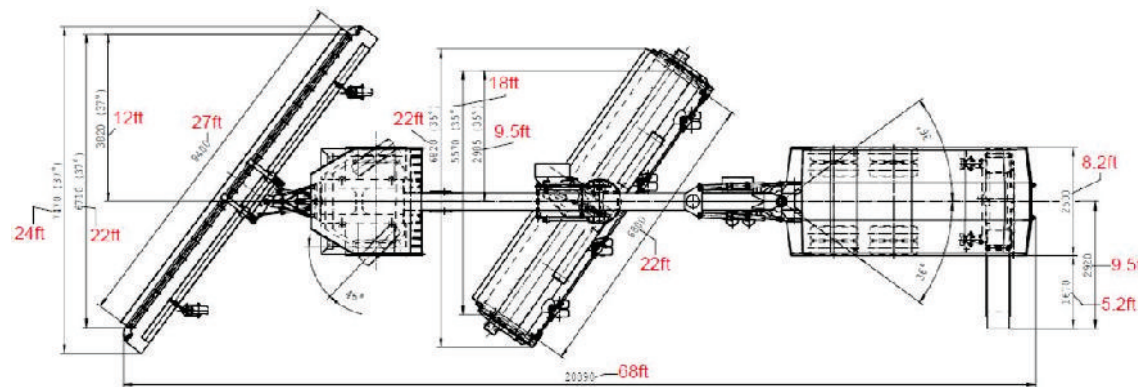
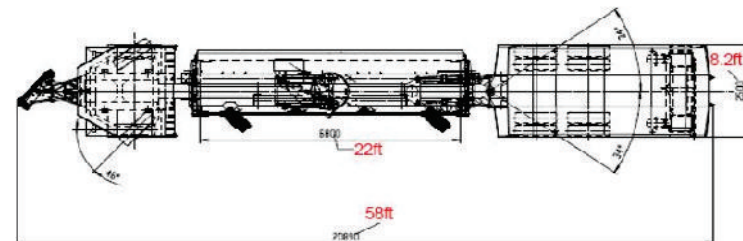
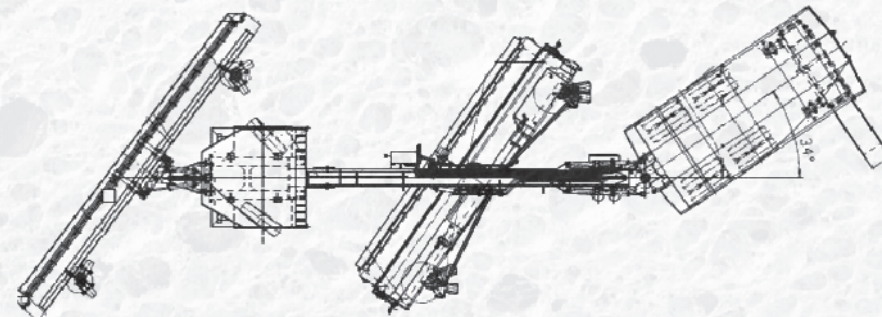
Two Engines  
Caterpillar C15  
Transmission  
Allison 4000RDS automatic

Vehicle Operating speed  
25 to 40mph



With the quick detach plow removed and the broom placed in transport position the Vammass PSB 5500 can be reduced to 8.5ft wide and 53 ft long, making for easy entry into most maintenance facilities.

The Vammass PSB5500 has a rear, electronically controlled and monitored, hydraulic rear steering system, ensuring that the operator is aware of the rear steering status. This also ensures smooth vehicle movement in tight areas without operator input. The operator can manipulate the rear steering without taking there hands off the wheel.



# Vammass



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