

2008 Pacific Northwest Snowfighters Conference

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Current Snowplow Technology

- Truck Chassis
- Application Spreaders
- Hydraulics & Controllers
- Accessories

Truck Chassis

- Mack GU713
- Engine – 425 HP,
1540 ft. lbs. Torque
- Primary Transmission
Eaton Fuller
RTO-16908LL
- Test Transmission –
Eaton Fuller Autoshift
16910C
- Wheelbase – 208”



Application Spreaders

- Sanders
- Slide-In & Chassis Mount
- 8 & 9 CY Capacity
- 304 Stainless Steel Construction
- 150 Gallon Pre-Wet Capacity



Application Spreaders

- De-Icing/Anti-Icing Flushing Tanks
- 2500 Gallon Capacity
- 409 Stainless Steel Construction
- 3-Lane Capability



Hydraulic Components

- Control Valves
- Electric over Hydraulic
- Monroe MMV Manifold
- Parker MCV-ISO Valve Sections



Hydraulic Controllers

- Snowplow & Dump Body Controls
- Multi-Function 4-way Joystick for Front Mount Snowplow, Wing Plow, Underbody Scraper & Dump body
- Multi-Zone Monroe I-Grip



Monroe I-Grip

- Multi-Function Single Stick Design
- Push Button Function Control
- 3-Zone Switching
- Spreader Adjustments



Push Button Function Control

- Programmer Push Button
- Spreader On/Off
- Switches Used for any Function such as Lights, Tailgate, Tarp, Etc.
- Dump Body Control



Sander/De-Icer Controller

- Sander/De-Icer Controls
- Monroe MC-840
- Sander Controller
- Pre-Wet Controller
- De-Icing Controller
- Street Flushing Controller



Sander/De-Icer Controllers

- In-Cab Management System
- Integrated Design with Multi-Function Joystick
- Can-Bus Communication



Sander/De-Icer Controller

- Color Display Screen
- Touch Screen Interface
- Window CE Platform
- Advanced Data Collection
Event, Date, Time, and Location
- Spreader, Spinner, Pre-Wet, and De-Ice Control
- Multiple Materials
- GPS Data Interface

Snowplows

- Front Mount
- One-Way Funnel
- Two-Way Butterfly
- Custom Built to ITD Specs



Snowplows

- Truck Mount Wing Plows
- Both Dual and Single Function Control
- Primarily Right Hand
- Two (2) Left Hand



Accessories

- Air Foils
- Pavement Temperature Gauges



Questions?

Thank You