

# **MIGHTY SWEEP 2003-8**

## **SPECIFICATIONS**

### **Standard Equipment**

#### **Weight**

Machine with Roll-over Protection canopy: 5,175 lbs.

Machine with Roll-over Protection cab: 5,450 lbs.

**Machine operating weight: 6,220 lbs.**

#### **Chassis**

All welded, formed 1/4" thick, 7" channels, integral 1/4" thick hydraulic reservoir, gussets at all stress points, rear engine, oscillating front axle, rigid semi-float rear axle, locking engine compartment.

#### **Engine**

Diesel: Cummins 4B 3.9, 76-HP, water cooled, 32 gallon fuel capacity, located forward.

#### **Air Cleaner**

Heavy-duty dual element with precleaner

#### **Transmission**

Heavy-duty hydrostatic, infinitely variable 0-25 MPH, replaceable 10 micron spin-on oil filter 40% gradability at 3,500 PSI.

#### **Hydraulic System**

Live engine-driven 28 GPM pump with 5 GPM steering priority, 30 gallon hydraulic system capacity, 25 gallon reservoir, high-capacity oil cooler, 100 mesh suction filter, 10 micron return filter. Integrated circuit for broom rotation, angle, lift and broom counterbalance.

#### **Steering**

Priority hydraulic power steering.

#### **Brakes**

4-wheel hydraulic with dual master cylinder. Front disc and rear drum with mechanical park brake.

#### **Tires and Wheels**

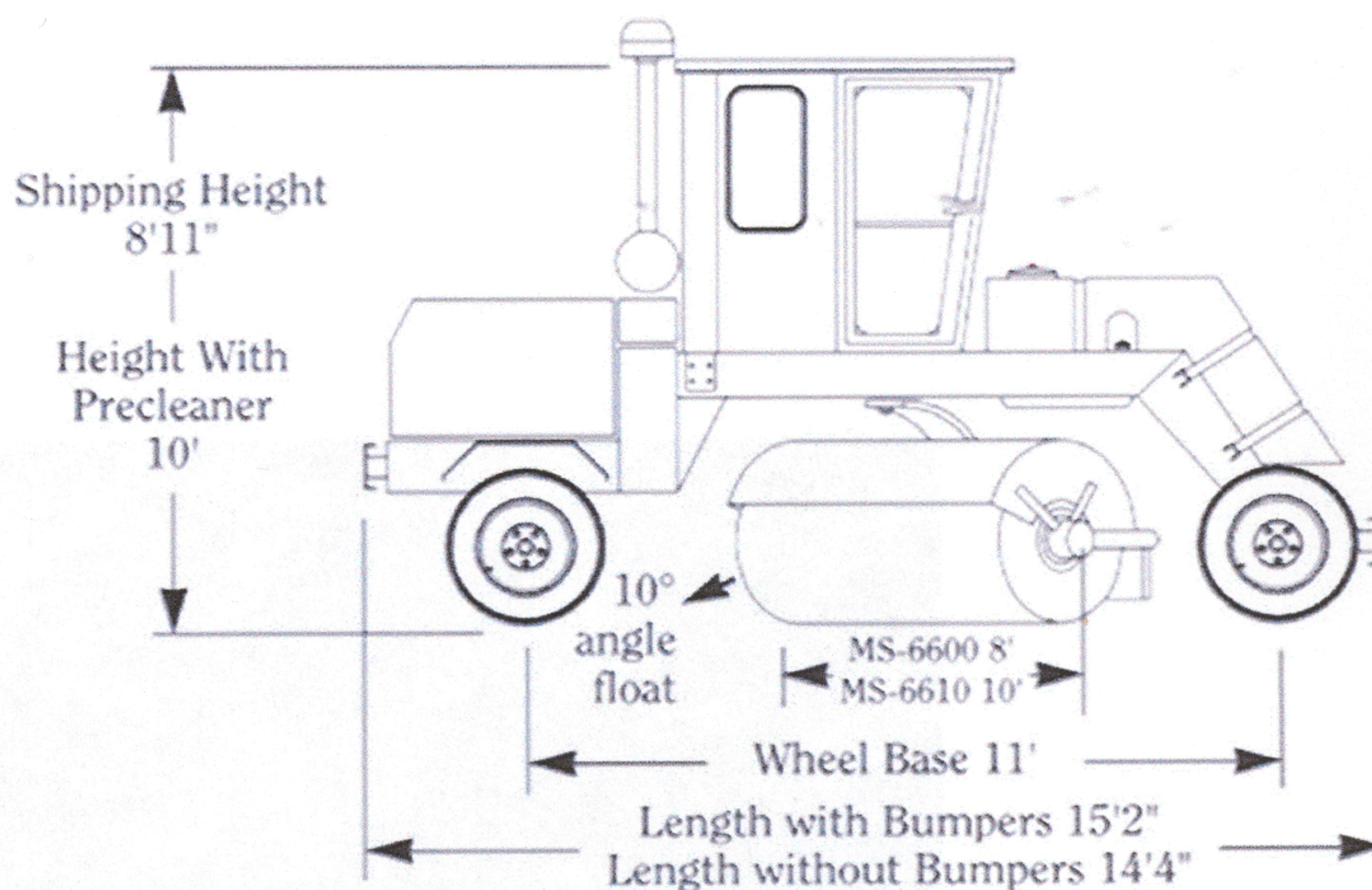
P-225x15 mounted on 5 bolt wheels.

#### **Controls & Accessories**

Tachometer, hour meter, oil pressure, water temperature and AMP gauges; seat belt; engine throttle, hydrostatic control with master clutch, broom drive, left and right angling, broom lift and float with exclusive hydraulic counterbalance to extend broom wear life expectancy.

#### **Broom**

Direct, hydraulic drive enclosed in broom core; 16 gauge steel, 160° broom cover with end plates, full 45° power angling left or right, swing frame mounted on large sealed tapered bearings; core assembly is all steel, 8' long with 7'6" sweeping surface, 10° angle float to conform to surface.



### **Optional Equipment**

#### **Comfort**

- Cab Roll-over Protection (ROPS) enclosure, right and left full-view doors with locks, tempered safety glass
- Pressurizing blower, 100% filtered pressurization, three-speed fan in cab, domelight
- Air conditioner with heater, 27,000BTU/hr. cooling capacity, 39,000BTU/hr. heating capacity, 180 CFM fan, two-speed
- Defroster recirculating fan, 300 CFM two-speed fan, pedestal mount switch
- Sound control interior
- Operator suspension seat

#### **Safety options**

- Front windscreen, tempered safety glass
- Wiper, front
- Wiper, rear
- Rotating beacon
- Reverse signal alarm
- Traffic horn
- Light group, head and tail lights (including Class-A turn signal)

#### **Engine Options**

- John Deere 4039 76-HP
- Caterpillar 3054 86-HP

#### **Engine Accessory Options**

- Turbine pre-cleaner
- Ether cold-start system (recommended below 30° F)

#### **Machine Options**

- **6610 Option, 10' broom core with twin motor-drive system and striplet type refill**
- Water System, **150 gal.** non-corrosive tank with external filter and shutoff valve with 12-volt electric pump
- Front and rear bumpers
- Spare tire and wheel
- All-poly brush
- 1/2 poly - 1/2 wire brush
- All wire brush
- Hydrostatic broom drive - a closed-loop system for independent broom speed variable 0-250 RPM
- Scraper blade attachment



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