

# Model SHT™

Tractor Mount



Shown with optional independent hydraulic system

## **FEATURES**

- Hydraulic angle change 30° left / right.
- 5, 6, and 7 foot broom widths
- 25" diameter brush
- Four point self centering swing system
- The brush hood covers 155°
- Heavy duty spline shaft hydraulic motor. Low flow, hi-torque motor available

***Recommended for compact utility tractors between 18 and 30 hp.***

***Frame mounted, popular configuration includes independent hydraulic system, custom fit to your tractor.***

## **SPECIFICATIONS**

### **General**

- Hydraulically driven rotary angle broom
- Broom: 25" diameter x 6' wide (other widths available)
- Broom Speed: up to 200 rpm
- Storage stands

### **Frame**

- Construction: 2-7/8" O.D. x .20" wall round tubular cross member; 2 brush arms (formed from 1/4" plate)
- Bearings: self aligned, greaseable pillow block

### **Drive**

- Brush core: coupled to motors by 1" SAE B 6-spline shaft; splined hub on both ends of unit
- Power: one low-speed, high torque, 18 in<sup>3</sup> motor
- Motor mount: outside the brush frame
- Motor guarded by 1/4" formed plate

### **Brush**

- Core: refillable flat wafers - poly, wire, or combination (poly, wire combination on one wafer)
- Spacers and hubs: manufactured from 20 gauge mild steel strap 2" wide
- Broom removal: achieved without disconnecting hoses

### **Swing**

- Hydraulic angle change: 30° left/right
- Arms: maintain the center of the path on the center line of prime mover regardless of sweeping angle

### **Brush Hood**

- Construction: 16 gauge steel
- Coverage: 155°
- Formed edge fold for strength
- Predrilled for installation of deflector
- Ends covered by formed end plates

### **Brush Lift**

- Provided by single hydraulic cylinder with 3-11/16" stroke and 3" bore
- Minimum ground clearance of 12" for transport
- Threaded adjustment to allow flexibility within the application

### **Finish**

- One coat of epoxy primer and one polyurethane top coat
- MB yellow

### **Warranty**

- Six month MB warranty policy

### **Available Options**

- Dirt deflector
- Sight indicators (flags)
- Sprinkler systems
- Reversing valve
- Electric / hydraulic swing and lift system
- Independent hydraulic system
- Custom color

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