



Model SHT Tractors



Features

- Complete mount package
- Hydraulic angle change 30° left / right.
- 5, 6, and 7 foot broom widths
- 25" diameter brush
- Parallel arm swing system
- Electric/hydraulic control for lift and swing
- The brush hood covers 155°
- Heavy duty spline shaft hydraulic motor. Low flow, hi-torque motor available at no extra cost.
- Self contained independent hydraulic system
- Requires access to a PTO or front crankshaft pulley

SPECIFICATIONS

General

- Hydraulically driven rotary angle broom
- Broom: 25" diameter x 72" wide (other widths available)
- Broom Speed: up to 200 rpm
- Complete with mounting hitch and hardware and independent hydraulic system including pump, reservoir, electric over hydraulic controls for lift and swing

Frame

- Construction: 2-7/8" O.D. round tubular cross member; 2 brush arms (formed from 1/4" plate)
- Bearings: self aligned, 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 c.i.d. motor
- Splined hub: both ends of unit
- Motor mount: outside the brush frame

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

- Manual 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

Controls

- Remote mounted electric over hydraulic valve system
- Basic valve includes a built in relief and valves for brush rotation, swing and lift
- Swing and lift hydraulics are on priority flow basis, directing .5 gpm from the brush rotation to swing or cylinder lift.

Finish

- One coat of epoxy primer and polyurethane
- Safety yellow

Warranty

- Six month MB warranty policy

Available Options

- Dirt Deflector
- Sight Indicators (flags)
- Storage Stands
- Sprinkler Systems
- Reversing Valve

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