

SKID STEER ANGLE BROOM WHL

A Hydraulic Broom for Skid Steers Specifications

GENERAL

- Hydraulically driven rotary angle broom
- Available widths: 6' (72") and 7' (84")
- Hydraulic swing capable of 30° left or right of center
- Broom speed up to 200 RPM, dependent on prime mover
- Storage stands for simple mounting, dis-mounting and storage
- Hoses provided from hydraulic drive motor(s) to bulkhead or valve on broom
- Customer must supply hoses from bulkhead or valve to prime mover
- Spring system to dampen transportation bounce
- Mounted with Skid Steer Quick Attach with easy entry steps

BRUSH

- 32" O.D x 10" I.D wafer style brush
- 2" spacers manufactured from 20-gauge mild-steel strap
- Brush core can be installed with either end to the left right with no effect on sweeping performance
- Brush and core assembly can be removed from frame without disconnecting hoses from drive motor(s)

BRUSH FRAME

- 3.5" O.D. round tubular cross member
- Two brush arms formed from 1/4" steel plate
- Heavy duty, self-aligning, pillow block bearings support the broom core

BRUSH HOOD

- Manufactured from 16-gauge steel with formed edge fold for additional strength
- 12-Gauge steel end plates
- Hood covers 140° of brush
- Pre-drilled holes for easy installation of front deflector

BRUSH LIFT

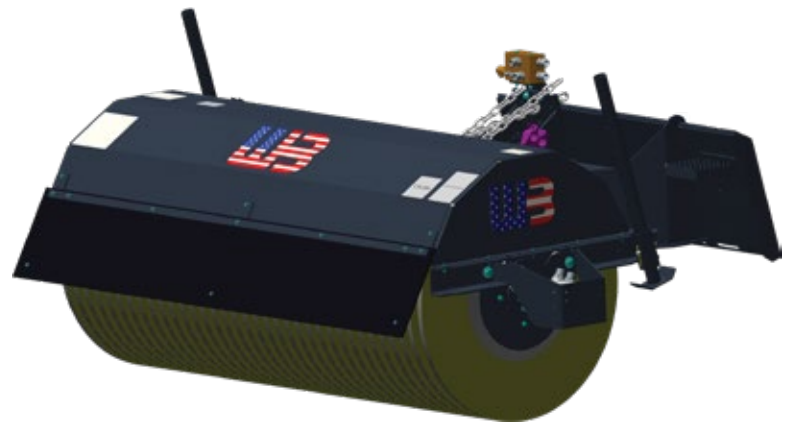
- Lift provided by means of prime mover
- Brush pattern is adjustable by means of chain links

BRUSH DRIVE

- Brooms are standard with a single low-speed, high-torque, 18 c.i.d. hydraulic motors
- Motors are coupled directly to the brush core by means of a 1.25" 14 spline shaft
- Motor is mounted outside of brush frame and is protected by formed 1/4" guards
- Motor mounts to brush frame with rubber bushings

FINISH

- Steel surfaces undergo a phosphatizing acid bath to clean and etch the surfaces to provide superior adhesion
- Epoxy primer and polyurethane topcoat
- Painted gray



AVAILABLE OPTIONS

- Dirt Deflector
- Low Flow Drive Motor
- Dual Standard Flow Drive Motors
- Dual Low Flow Drive Motors
- Sprinkler Systems
- Sight Indicators
- Oil Cooler
- Hose Kit

SKID STEER ANGLE BROOM WHL

A Hydraulic Broom for Skid Steers

Poly/Wire Brush
Standard Single Motor (10 to 22 GPM)
Hydraulic Swing Cylinder ONLY
M-B Yellow
Standard Skid Steer Quick Coupler

AVAILABLE OPTIONS

BROOM WIDTH

- + 6-foot (72") Broom
- + 7-foot (84") Broom

BRUSH FILAMENT

- + Poly (Polypropylene) and wire

MOTOR SIZE

- 5-7 FOOT HL
- + Optional Dual Motor (20-44 GPM)
- + Low Flow (8-16 GPM)
- + Dual Low Flow (16-28 GPM)
- 8 FOOT HL
- + Low Flow (16-28 GPM)

METHOD OF SWING

- + Universal Control Box (adapts to 14 pin harness)
- + Bobcat 7 Pin Adapter (non-reversible)
- + John Deere 3 pin harness
- + CAT 8 pin adapter (adapts to 14 pin harness)

SKID STEER MOUNTING KIT

- + Universal Skid Steer (Standard Offering)
- + Custom Mount Design Fee

INDEPENDENT HYDRAULIC SYSTEM (IHS)

- + Independent Hydraulic System (IHS)
(Includes Rear 540 PTO hydraulic pump, relief valve, oil cooler
3-point hydraulic reservoir and hoses to broom)
- + Required if tractor/loader auxiliary hydraulic system cannot
supply 8 GPM @ 2,000 psi
- IHS Options:
Tank Location
 - + Front (Tank mounts on broom mounting frame)

OPTIONAL EQUIPMENT

- + Deflector
- + 45 Gallon Sprinkler System (mounted on the brush hood) + 12 Volt
- + Hose Kit (skid steer application)
- + Sight Indicators
- + Oil Cooler with Fan (available for dual motor brooms)

