

# BACKHOE ANGLE BROOM WHLP

## A Hydraulic Broom for Backhoes

### Specifications

#### General

- + Hydraulically driven rotary angle broom
- + 32" diameter brush available in 8' (96") broom widths
- + Broom speed up to 200 rpm
- + Standard with storage stands

#### Frame

- + Constructed of 3-1/2" O.D. x .03" wall round tubular cross-member; 2 brush arms (formed from 1/4" plate)
- Self aligned bearings, with grease-able pillow block

#### Brush

- + Refillable core with flat wafers
- + Spacers and hubs manufactured from 20 gauge mild-steel strap 2" wide. Broom removal without disconnecting hoses allow for broom to follow surface contour follow in swept path

#### Swing

- + Hydraulic angle change 30° left/right
- + Parallel arms on top and bottom allow broom to "float"

#### Brush Hood

- + Coverage of 155° of broom
- + Formed edge fold for strength
- + Pre-drilled for installation of deflector
- + Ends covered by formed end plates

#### Casters

- + Two 10" heavy duty casters with 360° swivel

#### Brush Lift

- + Provided by cylinder with 8" stroke and 2" bore

#### 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

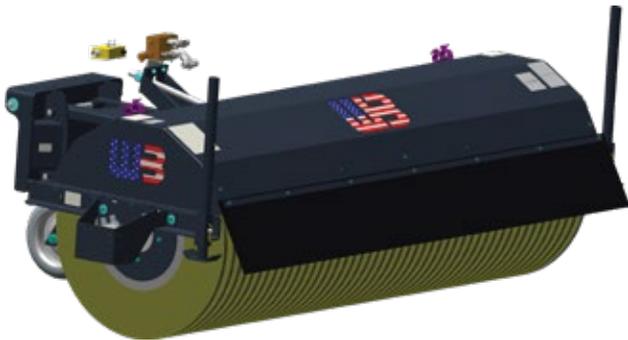
## Hydraulic Broom for Loaders

6-foot (72") Broom

Poly/Wire Brush

Standard Dual Motor (25 to 45 GPM)

Hydraulic Swing - fourth function valve required



### Available Options

Dirt Deflector

Electric/hydraulic swing and lift system

Sight Indicators

Sprinkler System

Independent Hydraulic System

Reserving Valve

# BACKHOE ANGLE BROOM WHLP

## Available Options

### Broom Width

- + 8-foot (96" dual motors) Broom
- + Brush Filament
- + Poly (Polypropylene)

### Motor Size

- + 6-7 foot
- + Standard Single Motor (for prime mover with 12 to 20 GPM)
- + Optional Dual Motor (25 - 45 GPM)
- + Low Flow (8 - 11 GPM)
- + Dual Low Flow (15 - 24 GPM)
- + 8 foot
- + Standard Dual Motor (for prime mover with 25 to 45 GPM)
- + Low Flow (15 - 24 GPM)

### Method of Swing

- + Manual Swing
- + Electric/Hydraulic Swing (Valve and control box actuate the swing cylinder)
- + Loader Mounting Kit
- + No Mounting (Mounting provided by customer)
- + Quick Coupler Mounting for loaders (Does not include cost of coupler) (Hook and Pin)
- + Mounting Frame with Pin-on ears (Customer may be required to provide dimensions) (Pin only)

### 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 (number of feet needed)
- + 45 Gallon Sprinkler System (Customer provides tank mounting location)
  - + 12 Volt
  - + 24 Volt
- + Sight Indicators

