

# ANGLE SWEEPER

## PH and TH 24" or 32"



- The PH sweeps when being pushed and the TH sweeps when being pulled
- Hydraulic drive
- Brush diameter 24" or 32"
- The PH24 model is recommended to be installed on the front of a tractor or skid steer
- The PH32 model is recommended to be installed on the front of a tractor, loader or truck
- The TH24 and the TH32 model are recommended to be installed on the back of a farm tractor (rear three-point hitch)

## Standard Features

### General

- Ground pressure is controlled by two springs (PH32 model only)
- Brush flotation system controlled by 2 shock absorbers, to follow ground variations.
- The brush is mounted on two flange bearings.
- Anchor rings for handling and transportation
- Storage stands
- Two shock absorbers to reduce brush hopping
- Stopper to protect the shock absorber

### Brush Drive

- Requires 7 to 25 GPM depending on the equipment for a rotation of 160 RPM.
- Brush speed is controlled by the carrier vehicle engine speed
- The brush is activated by a single or dual hydraulic motor(s), depending on the available flow.
- We recommend that the hydraulic hoses of the third valve of the equipment are minimum  $\frac{3}{4}$ " in diameter.

### Brush (PH24 model)

- Replaceable disc brush, exterior diameter 24" with a 6 3/8" interior diameter (core).
- Choice of brushes: polypropylene only or polypropylene / wire

### Brush (PH32 model)

- Replaceable disc brush, exterior diameter 32" with a 10" interior diameter (core)
- Choice of brushes: polypropylene only or polypropylene / wire

### Manual Angle Change (30 degrees)

- Manual cylinder

### Hydraulic Angle Change (30 degrees)

- 2" hydraulic cylinder with 2 hoses
- Hydraulic orientation kit with an electric diverter controlled by a wireless remote control

### Frame

- Laser cut parts for a smoother finish and design
- Tubular structure, robust construction
- 16-gauge steel hood, covering 180° of the brush

### Finish

- Powder coat
- All parts are painted individually

## Standard features

### Rubber travelling springs

- The purpose of the travelling springs is to serve as shock absorbers caused by irregularities of the road. When the sweeper is lifted up and the equipment is travelling at a high speed, they basically act as a ride control.

### Female quick coupler

- Depending on the model of the carrier vehicle (dimensions may be required).

### Caster wheels

- Remain aligned when the sweeper is lifted up
- Prevents tapered wearing of the brush and reduces excess pressure being put on the brush
- 18.5" diameter front caster wheels

## Options

### Flow regulator

- The purpose of the flow regulator is to control the speed of the brush rotation and protect the hydraulic motor(s) shaft seal(s)

### Dust deflector

- Adjustable rubber dust deflector
- The dust deflector is mounted with two adjustable brackets to be able to adjust the height when the brush starts to wear

### Water tank for dust control

- Water tanks of 85, 110 or 150 gallons set on a support base installed directly on the sweepers' back frame

### Water tank 200 gallons (on back of wheel loader or tractor)

- Water tank 200 gallons and support base installed on the back of the carrier vehicle

### Water tank 200 our 300 gallons (in box of truck or van)

- Water tank 200 or 300 gallons and support base in box of truck or van

### Sprinkler system

- 12 volt or 24 volt electric water pump
- Complete plumbing with quick coupler on the hoses for the sprinklers during storage
- Electric switch to start the water pump
- Electric wire with quick plug for storage of sprinkler system
- Sprinklers on the hood for direct watering of the brush
- Ramp with 5 additional sprinklers on the front of the sweeper