



Available Options

- Dirt Deflector
- Independent Hydraulic System (Turf and tractors only)
- Low Flow Drive Motor
- Dual Low or Standard Flow Drive Motors
- Hydraulic Engine Pallets (Trucks only)
- Sprinkler System
- Sight Indicators

Specifications

General

Hydraulically driven rotary angle broom
Available in 5' (60"), 6' (72") and 7' (84") widths
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

Brush

25" O.D x 6 3/8" 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 or 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

2 7/8" 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
Threaded adjustable link to compensate brush pattern from wear
Caster wheels **Truck and commercial turf only**

Brush Hood

Manufactured from 16- Gauge steel with formed edge fold for additional strength
Hood covers 130° of brush
Pre-drilled holes for easy installation of front deflector

Brush Lift

SHL – Brush head is lifted by means of the prime mover
SHT – Brush head is lifted by a hydraulic cylinder

Brush Drive

5', 6', 7' 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" 6 spline shaft
Motors are mounted outside of brush frame and are protected by formed 1/4" guards

Finish

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

*Standard model SHT

Hydraulic Broom for Tractors

5-foot (60") Broom

Poly/Wire Brush

Single Standard Flow Motor (12 to 20 GPM)

Hydraulic Swing

M-B Yellow

Agricultural tractor front mount frame (*inquire about models*)

Available Options

Broom Width

6-foot (72") Broom

7-foot (84") Broom

Brush Filament

Poly (Polypropylene)

Motor Size

Low Flow (8 - 11 GPM)

Method of Swing

Manual Swing

Electric/Hydraulic Swing and Lift (Valve and control box actuate the swing and lift cylinders)

Max 30GPM. Required if tractor does not have remote available for lift and swing functions.

Mounting Kit

No Mounting (Mounting provided by customer)

Custom Mount Design Fee (This applies to mounts not previously designed by MB)

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

Recommended Spare Parts (*for current pricing refer to the online Parts Guide at www.m-bco.com/attachments*)

Part Number	Description
100-132340	Pin, Swing
201-75209	Hydraulic Motor, Standard Flow
201-75649	Hydraulic Motor, Low Flow
201-92028	Shaft, Hydraulic Motor
203-72275	Cylinder, Lift
203-92074	Cylinder, Swing
401-132066	Guard, Motor
402-93754	End Disc, Core
410-93199	Hub, Splined, Core Support
410-94050	Storage Stand
600-68509	Bearing, Core Hub Support -

For brush replacements see "Replacement Brush Guide" section or online at www.m-bco.com