

Specifications

General

Hydraulically driven rotary angle broom
Available in 5' (60") and 6' (72") widths
Hydraulic swing capable of 30° left or right of center
Broom speed up to 200 RPM, dependent on prime mover
Brush lift provided by means of the 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 O.D. round tubular cross member
Two brush arms formed from 3/16" steel plate
Heavy duty, self-aligning, flange type bearings support the broom core
Threaded adjustable link to compensate brush pattern from wear
Rear 360° swivel caster wheels

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 Drive

Brooms are standard with a single low-speed, high-torque, 18 c.i.d hydraulic motors.
Motor is coupled directly to the brush core by means of a 1" 6 spline shaft
Motor is 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



Available Options

Dirt Deflector
Independent Hydraulic System
Low Flow Drive Motor
Hose Kit

*Standard model HCT

Hydraulic Broom for Commercial Mowers

5-foot (60") Broom
Combo (Poly/Wire) Brush
Standard Single Motor (12-20 GPM)
Hydraulic Swing
M-B Yellow

Available Options

Broom Width

- 6-foot (72") Broom

Brush Filament

- Poly (Polypropylene)

Single Motor Size

- Low Flow (8-11 GPM)

Method of Swing

- Electric/Hydraulic Swing (Valve and control box actuate the swing cylinder)

Optional Equipment

- Independent Hydraulic system (IHS)
Required if mower has mechanical drive deck. Includes hydraulic pump, relief valve, hydraulic reservoir, and hoses to broom.
- Deflector (Number of feet)
- Hose Kit and Quick Disconnects

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

Part Number	Description
201-75209	Hydraulic Motor, Standard Flow
201-75649	Hydraulic Motor, Low Flow
201-92028	Shaft, Hydraulic Motor (Standard & Low Flow)
203-140701	Cylinder, Swing
402-93754	Disc, Wafer Retainer, Core
410-143148	Mechanical Hub
410-143409	Pin, Swing
410-160218	Storage Stand
410-93199	Splined Hub
600-90327	Bearing, Support, Core Hubs and Motor
603-160294	Bearing, Flange, Caster Mounting
901-169241	Service Kit, Caster Wheel

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