

Medium Frame Conveyors - MFC

Bunting® MFC's provide a rugged smaller framed conveyor for handling parts, assemblies or scrap in both non-magnetic and Magnetic applications. MFC's fit into those tough tight fitting applications where space is limited for larger bulky conveyors. Their frames are only 3-1/2" thick and only 2-3/4" wider than their conveyor belts but their robust steel welded rugged construction can handle a broad range of tough jobs.



SPECIFICATIONS FOR MAGNETIC AND NONMAGNETIC MODELS

BELT: Standard 2-ply green PVC general-purpose belt is antistatic and can handle 90 lbs per inch tensile force and temperatures to 176°F. With urethane cover layer, total belt thickness is .093 inch.

DIMENSIONS: Overall length of the unit ranges from 2' to 12'.

SLIDER BED: 16-gauge (.060) 300 series stainless steel on magnetic models. Mild steel or stainless steel on nonmagnetic models.

MAGNETIC BED: BM 600 single-lane magnetic element. Multiple lanes and other magnetic elements are available.

SNUB ROLLERS: 2-1/2" dia. x 11/16" hex axle with adjustable mounting clips.

TAKE-UP PULLEY: 3" dia. crowned face with 1" dia. CRS shaft and sealed precision ball bearings.

TAKE-UP: Flat side design, internally mounted screw adjustment. Allows for a take-up adjustment of 4".

DRIVE BEARING: Self-aligning, heavy-duty, sealed precision ball bearings.

DRIVE: Standard 70 fpm, 1/3" hp, 115V, 1 ph, 60 Hz, heavy-duty TEFC incline gearmotor. Other motors are available on request.

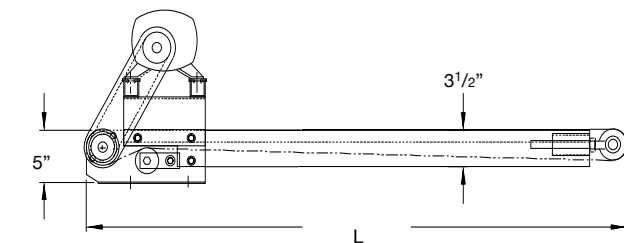
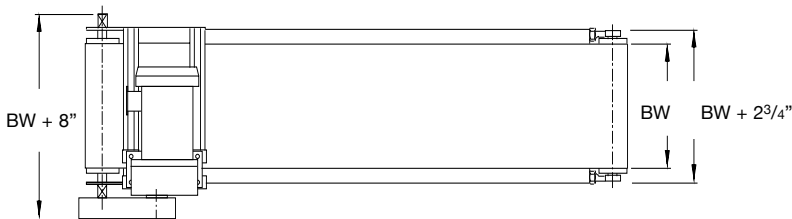
BELT SPEED: Constant or variable speeds to 250 fpm.

MOTOR MOUNTING: Standard bottom-mounted under conveyor. Optional above-belt location can be ordered at no extra charge.

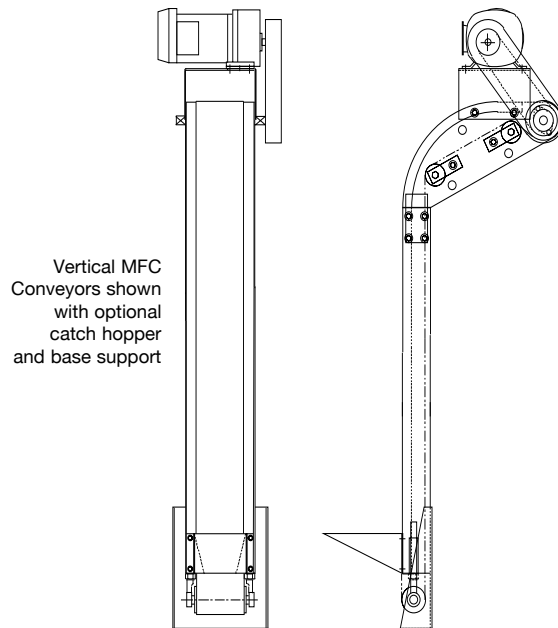
Conveyor Part Number / Standard Size Chart*

(BW) Belt Width	Overall Length (L)				
	2'	4'	6'	8'	10'
2"	MFC 020-2	MFC 020-4	MFC 020-6	MFC 020-8	MFC 020-10
4"	MFC 040-2	MFC 040-4	MFC 040-6	MFC 040-8	MFC 040-10
6"	MFC 060-2	MFC 060-4	MFC 060-6	MFC 060-8	MFC 060-10
8"	MFC 080-2	MFC 080-4	MFC 080-6	MFC 080-8	MFC 080-10
10"	MFC 100-2	MFC 100-4	MFC 100-6	MFC 100-8	MFC 100-10
12"	MFC 120-2	MFC 120-4	MFC 120-6	MFC 120-8	MFC 120-10
18"	MFC 180-2	MFC 180-4	MFC 180-6	MFC 180-8	MFC 180-10
24"	MFC 240-2	MFC 240-4	MFC 240-6	MFC 240-8	MFC 240-10
36"	MFC 360-2	MFC 360-4	MFC 360-6	MFC 360-8	MFC 360-10

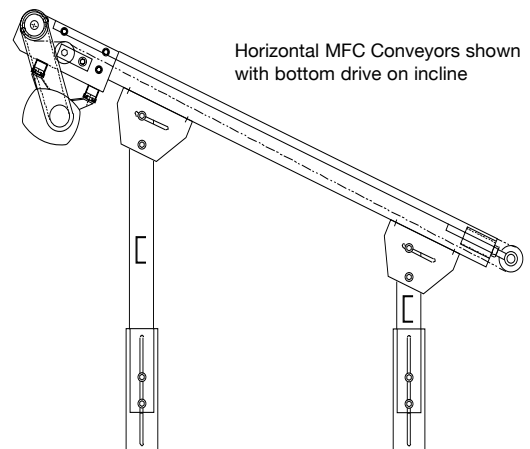
* Consult factory for non-standard sizes.



Horizontal MFC Conveyors shown as Top Drive



Vertical MFC Conveyors shown with optional catch hopper and base support



Horizontal MFC Conveyors shown with bottom drive on incline



Medium-Frame Adjustable Conveyors

SPECIFICATIONS FOR MAGNETIC MEDIUM-FRAME CONVEYORS

BELT WIDTHS: Belts available in widths of 8", 12", & 18", oil and abrasion resistant.
OVERALL LENGTH: Overall length of the unit is 8'-0".

SLIDER BED: #16 Ga. (.060) 300 Series Stainless Steel.

MAGNETIC BED: BM 600 single-lane magnetic element in 8" and 12" belt widths. Dual lane in 18" belt width

SNUB & RETURN ROLLERS: 2-1/2" dia. x 11/16" hex axle with adjustable mounting clips.

TAKE-UP ROLLER: 3" dia. crowned face with 1" dia. CRS shaft.

TAKE-UP: Flat side design, internally mounted screw adjustment. This feature permits an effortless installation of the conveyor into press area and maintains an accessible take-up adjustment of 4".

BEARINGS: Cast iron housing, lubricated for life, with self-aligning precision ball bearings.

DRIVE: 1/3 hp, 115V, 1 ph, 60 Hz, heavy-duty TEFC incline gear motor.

BELT SPEEDS: Standard 70 fpm (other speeds from 40-120 fpm available upon request).

CAPACITY: Maximum uniformly-distributed live load of 175 lbs. (NOTE: size, shape, and weight of product can affect capacity.)

MOTOR MOUNTING: Standard bottom-mounted under conveyor (Optional above-belt location at no extra charge).

OPTIONAL EQUIPMENT

MAGNETIC SLIDER BED: Full magnetic coverage for ferrous scrap and small parts with multi-lane platen.

DRIVE: 1/3 & 1/2 hp, Inline 230/460V, 3 ph, 60 Hz, TEFC.

CONTROLS: NEMA 1 - 115V, 1ph, 60 Hz, toggle on/off switch with motor starter with integral start/stop push buttons and 15'-0" extension cord.

NEMA 1 - 230/460V, 3 ph, 60 Hz, toggle on/off switch with motor starter with integral start/stop push buttons.

BELT CLEANER: 4" diameter powered bristle brush with parts deflector.

Portable Adjustable Model

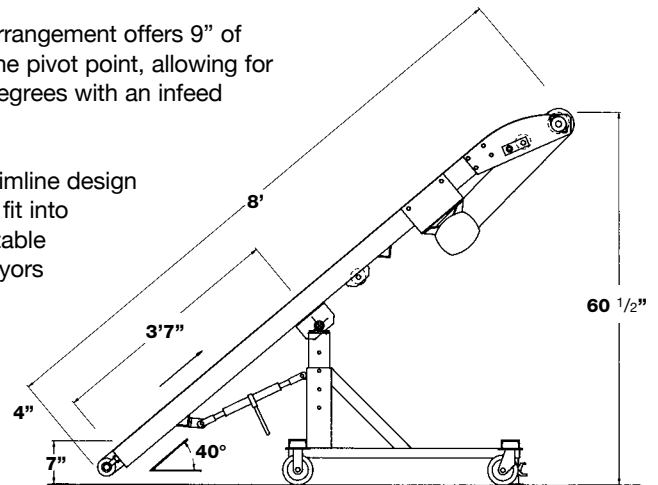
Model No.	Belt Width	Overall Width	Overall Length
MFC 080-8	8"	12-3/4"	8'
MFC 120-8	12"	16-3/4"	8'
MFC 180-8	18"	22-3/4"	8'

The Bunting Magnetic Medium-Frame Conveyor features a portable base or easy movement and adjustment, while the permanent magnetic element located under the belt provides positive control of parts and scrap.

The unique mounting arrangement offers 9" of vertical adjustment at the pivot point, allowing for an incline of up to 40 degrees with an infeed elevation of only 7".

Easy adjustment and slimline design permit this conveyor to fit into areas where non-adjustable and non-magnet conveyors are not practical.

Horizontal models are also available. When ordering, specify portable after Model No.



Fixed Base Model

Model No.	Belt Width	Overall Width	Overall Length
MFC 080-8	8"	12-3/4"	8'
MFC 120-8	12"	16-3/4"	8'
MFC 180-8	18"	22-3/4"	8'

Fixed Base Model

For stationary applications, the Bunting Magnetic Medium-Frame Conveyor is available with a fixed base. Two sets of medium-duty supports provide up to 11" adjustment, with a maximum incline of 40 degrees.

This model is ideal for applications in which the conveyor will be stationary for long periods of time. Like the portable model, this conveyor features the magnetic element for positive control of parts and scrap.

When ordering, specify fixed base model after Model No.

