

MULTI-MATERIAL FLATTENER (MMF)

This machine has been in operation in 22 SARCAN depot locations for over 15 years. The machine is designed to operate at a low speed with high torque to flatten the containers while limiting the noise levels.

One machine can flatten all containers in a depot with an annual volume of up to twelve (12) million containers.

Routine maintenance includes lubrication, checking gear box oil, and inspection or replacement of infeed belts. Crusher drums require re-welding of gripper beads every three to four years.

This machine has built-in safety switches that disengage operations for maintenance and conveyor clean out and servicing.

The standard machine is equipped to handle one mega bag which may be wheeled in and changed. In some of our locations, we have added an articulating conveyor which allows a quick switch to up to three different mega bags.

Warranty: Ninety days on all components, and one year on motors and drives. The units are CSA approved.



MMF Features:

This low speed, high torque flattener will process all beverage containers (excluding glass) at the following speeds and compaction ratios:

| | Containers Per Hour | Compaction Ratio |
|-------------------|---------------------|------------------|
| Aluminum cans | 20,484 ph | 3:1 |
| 2 litre PET | 4,644 ph | 2:1 |
| Under 1 litre PET | 9,072 ph | 1.6:1 |
| 4 litre HDPE | 4,896 ph | 1.6:1 |
| 1 litre tin cans | 3,672 ph | 3:1 |

Specifications:

MMF Machine:

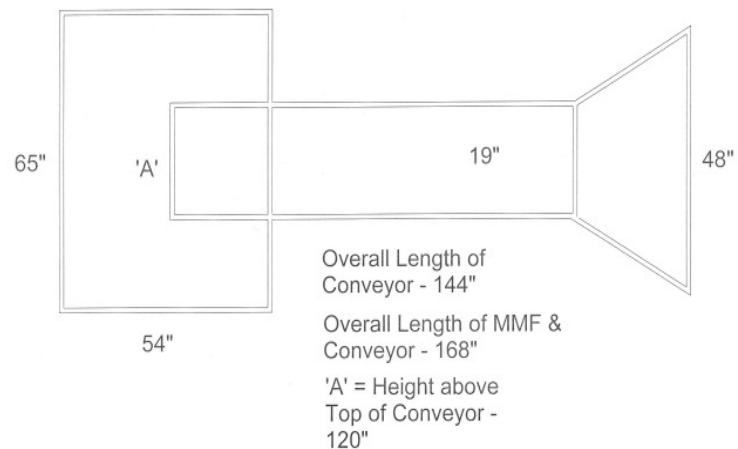
Power: 240V, 1PH, 40 AMP
3HP main drive

Weight: 2,008 lbs.

Height: 30"

Width: 60"

Depth: 19"



Input Hopper:

24" x 24" x 19" high

Conveyor:

Power: 120V, 1PH, 15 AMP
1 1/2 HP motor

Variable Speed Control: Leeson #MM23101

PVC Conveyor Belt: 16" wide; 16" cleat spacing; 3" cleats

Machine Stand:

Height: 60"

Width: 62" x 54"

Material: 4x4x.250 HSS



For more information, contact:
Kevin Acton
111 Cardinal Crescent
Saskatoon, SK S7L 6H5
Phone 306-933-0616 ext. 223
Fax 306-653-3932
Email: kacton@sarcan.sk.ca

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