

Animal Feed Milling

Live Bin Bottoms MMU-220

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Description ▼

The MMU Live Bin Bottom is a multiple screw feeder that consists of 2, 3, 4, 5 or 6 parallel screws in a single trough casing.

In its basic configuration it is equipped with:

- One or more direct drives, one each for two screws;
- Gear transmissions;
- Modular trough;
- Screws with variable pitch flighting;
- Flow intercepting diaphragm to avoid material flushing;
- No intermediate bearings;
- Splined shaft couplings;
- Flanged end bearing assemblies opposite drive end;
- Mild steel design.

Function ▼

| Extracting and feeding extremely poorly flowing materials from silos.



Applications ▼

MMU Live Bin Bottoms are installed under the outlets of silos for bran and middlings in animal feed milling plants.

Benefits ▼

- ✓ **Modular trough design enables access to all internal components without need for drop-bottom troughs or inspection hatches;**
- ✓ **Easy, time-saving maintenance;**
- ✓ **Low material residue;**
- ✓ **Progressive feeding process.**



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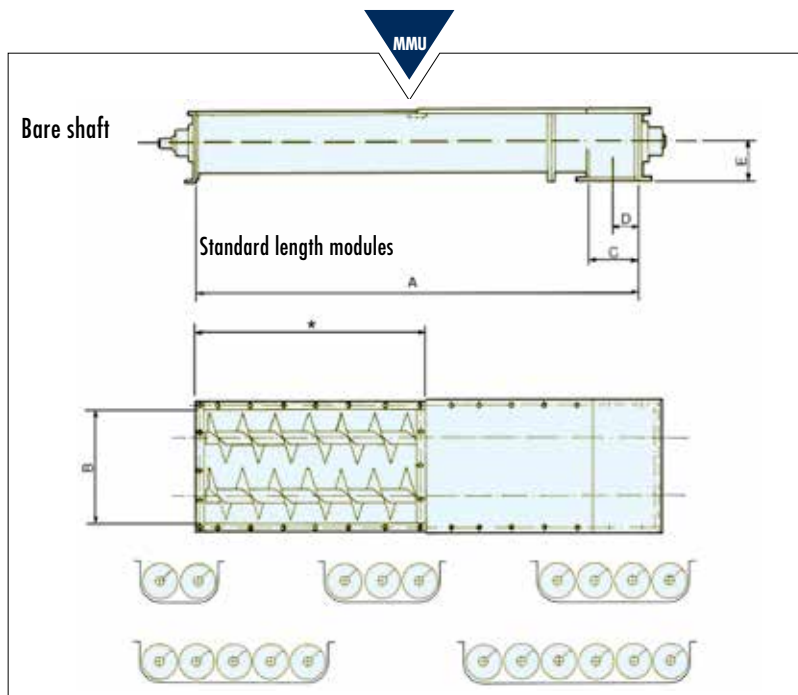
Live Bin Bottoms MMU-220



Technical Features / Performance ▼

- ▶ Flight diameter from Ø 150 to 500 mm;
- ▶ Feed rates up to 200 m³/h;
- ▶ Modular overall lengths in steps of 500 mm;
- ▶ Variable length open trough section depending on silo outlet dimensions;
- ▶ Fixed tapered screw and trough length;
- ▶ Accurate finishing (no steps or niches);
- ▶ Direct drive (directly connected with screw) with either direct power transmission, offset chain transmission, or offset belt transmission;
- ▶ End bearing assemblies with long-life lubricated bearings and adjustable Teflon[®] seals;
- ▶ Wide range of accessories and options: overflow hatches with safety grid, tubular trough inserts, trough feet, rotation detectors, flow interception diaphragms.

Overall Dimensions ▼



Screws

Ø	A (m)	B (mm)					C (mm)	D (mm)	E (mm)
		2 Screws	3 Screws	4 Screws	5 Screws	6 Screws			
150	1.5-2-2.5-3	340	505	670	835	1,000	172	86.0	145
200	1.5-2-2.5-3	445	665	885	1,105	1,325	222	111.0	185
250	1.5-2-2.5-3	545	815	1,085	1,355	1,625	262	131.0	215
300	2-2.5-3-3.5-4	640	955	1,270	1,585	1,900	315	157.5	245
350	2-2.5-3-3.5	755	1,135	1,515	1,895	2,275	370	185.0	275
400	2.5-3-3.5	850	1,275	1,700	2,125	2,550	417	208.5	305
500	2.5-3	1,045	1,565	2,085	2,605	3,125	512	256.0	380

This datasheet does not show the complete range but only the models most suitable for the application.



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