

Flaker - 800



Key Features

- Unit frame of welded carbon steel.
- Heavy mass and low-vibration frame.
- Optional aspiration on top of the machine.
- Scraper system adjustable by counter weights located on the exterior of the unit.
- Rolls are removed from the front of the unit.
- Brackets between the roll journals and the frame allow the rolls to be rolled forward for easy and safe removal.
- Dismounting of the roll bearings made easier using a hydraulic dismounting aid.
- Differential side V-belts and pulleys with guard located for ease of access and maintenance.



*Rear View With
Differential Drive
Showing*



*Rear View With Optional
Recycle Screws*

Options

Optional Overflow System

- Recycle of unflaked material can be accomplished with built in screw conveyors or customer provided system.
- Allows product to cover the entire length of the rolls.

Benefits of the Overflow System:

- Higher throughput.
- The risk of damage to the roll ends is minimized.
- Roll end re-grinding significantly reduced, thus lowering maintenance cost.

Feeder Options

Roll Feeder:

- Product fed by special roll feeding unit with mixing shaft for consistent blending of the product.
- The mixing shaft paddles can be adjusted to compensate for variations in the feed product.
- Magnetic drum separator with special jacket for effective cleaning during operation.
- Feed rate is controlled with a variable speed drive.
- Pneumatically operated product shut-off slide can also be used to adjust the feed rate.

Vibrating Feeder:

- Vibratory feeding chute of enclosed design with inspection doors and regulating flap to control the depth of the product layer.
- Feed rate can be adjusted via the intensity of the vibration with variable control.

Hydraulic System:

- Control panel provided to control all hydraulic functions.
- Hydraulic unit can immediately reverse the pressure on the pressing roll when triggered by a level indicator due to low feed level in the feed hopper to protect the rolls.
- Nitrogen accumulators allow rolls to open to permit foreign material to pass without causing roll damage.

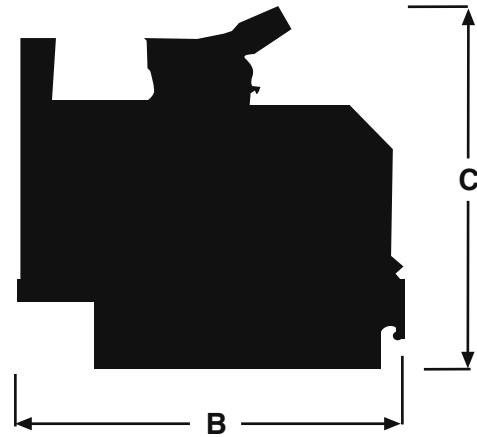


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Technical Data

Throughput of Bauermeister 800 Flakers for Oil Seeds

Flake Thickness (.000") ± 10%	Avg. t/day	
Soybean Cracks (140° F)	.010 "	500
	.011 "	540
	.012 "	550
	.014 "	560
	.016 "	620
Soybean Cracks (105° F)	.010 "	410



ROLL DIA.	ROLL LENGTH	DIMENSIONS (in)			MOTOR (HP)	WEIGHT (lbs)
		A	B	C		
800 (mm) 32 (in)	1,750 (mm) 69 (in)	134	81	71	150-200	24*

*With rolls, without motors



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