

Ferrell-Ross

A.T. Ferrell Company Inc.

32X84 Oilseed Flaking Mill



Built to Last:

Ferrell-Ross Flaking Mills are built to last a lifetime. Heavy-duty structural steel frame with a thick-gauge steel center section and aluminum roll cover, providing safe access and roll operation. Ferrell-Ross uses only the finest chilled cast iron rolls, fitted with forged steel journals to provide maximum service. Ferrell-Ross Flaking Mills means durability, years of dependable service, and value.

Designed Right:

Ferrell-Ross Flaking Mills are designed with the user in mind. Adjustments for roll clearance, scraper tension, aluminum roll covers, and feed rate are very accessible and easy.

Hydraulic cylinders maintain consistent pressure on the rolls at all times. A self-contained air-over-hydraulic pump provides a wide range of operating pressures. Hydraulic accumulators instantly absorb shock of foreign material passing through the rolls.

The standard feeder assembly includes a pin mixer shaft and a deep-pocket roll feeder. The feeder assembly has an adjustable slide gate, rare earth magnets, and an adjustable nip chute to direct material directly into the roll nip.

A specially designed mill housing allows for the removal of both rolls from either the front or the back of the flaking mill.

High efficiency, high torque 200 HP crusher-duty motor.

Standard Features:

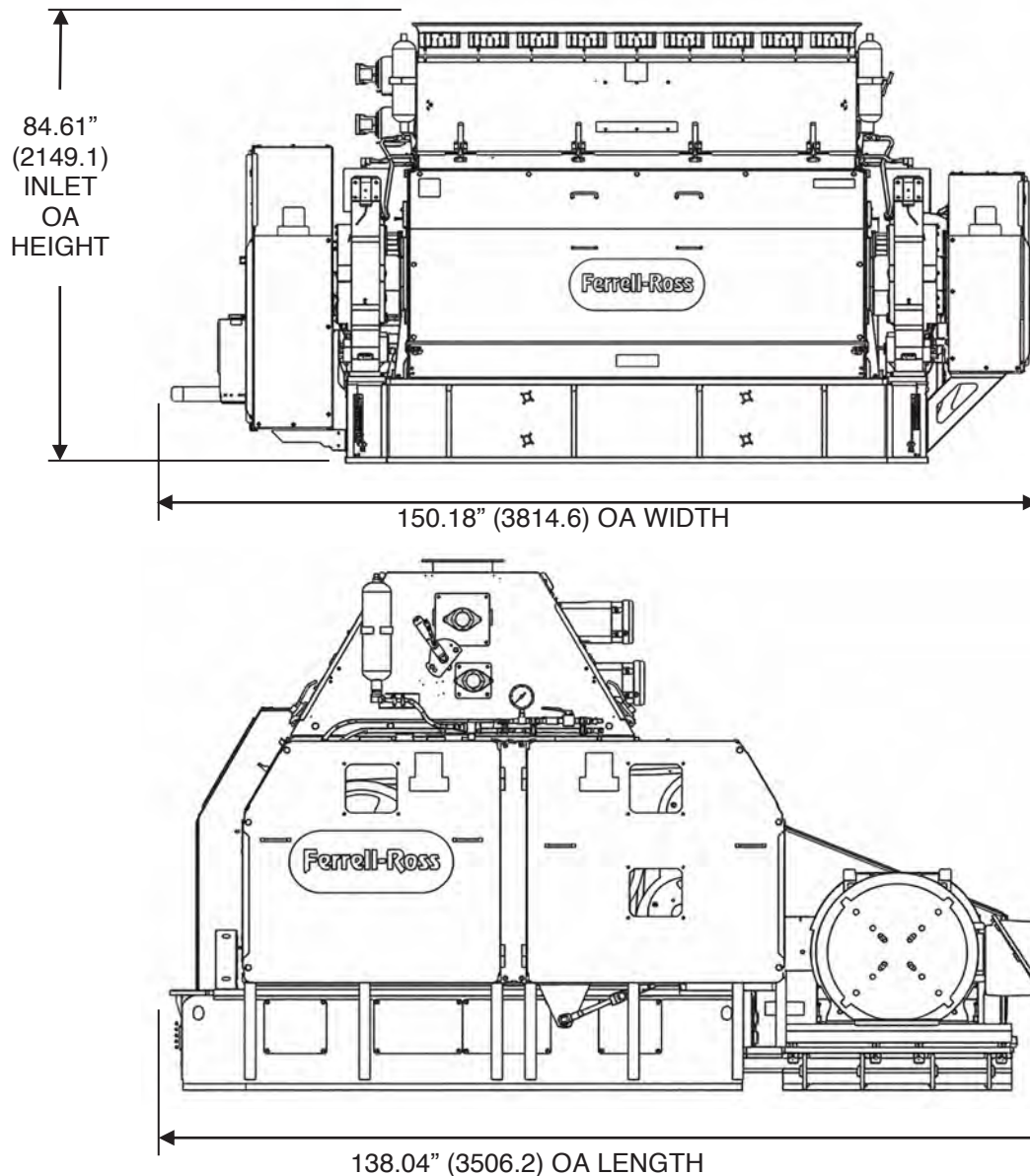
- Fixator Positive Roll Stops
- 11 Gauge HR Steel Mill Housing
- Hydraulic Accumulator Roll Protection
- Hard Coat Anodized Aircraft Aluminum Roll Feeder
- Convenient Central Greasing System
- Air-Over Hydraulic Pump with Electric and Manual 4-way Valve
- Aluminum Roll Covers
- Integrated Motor Base
- Cabinet-Style Belt Guards Secured to Base
- AC Variable-Speed Roll Feeder
- Heavy-Duty Steel Bearing Housings
- Hydraulic Roll Tension
- Double-Row, Self-Aligning Bearings
- Stainless-Steel Roll Scraper Assembly with Steel Blades
- Full-Width Flake Sampling Door
- Roll Saddles Adjust Horizontally and Vertically

Precision Milling Solutions for Every Process

1440 South Adams Street, Bluffton, IN 46714 USA (260) 824-3400 (800) 248-8318 Fax (260) 824-5463

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* Specifications:

- Weight: 53,897 lbs. (24,447 kg)
- Main Drive Motor: (1) 200 HP (149 kW)
- Capacity: 500 MTPD
- Roll Diameter: 32" (813 mm)
- Roll Length: 84" (2134 mm)
- Journal at Bearing: 11.024" (280 mm) Dia.
- Roll Speed: 2034 FPM
- Roll RPM: 275 RPM
- Bearings: 24056
- Journals: 4140 Forged Steel
- Roll Base: 1" & 1.5" Steel Weldment
- Upper Housing: 11-Gauge HRCQ Steel
- Roll Differential: 1.04:1
- Hydraulic System: Air/Hydraulic Pump, Air Supply 4.5 CFM @ 100 PSI Using 2-Gallon Reservoir

* Farrell-Ross reserves the right to change or modify specifications as required without notice.

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