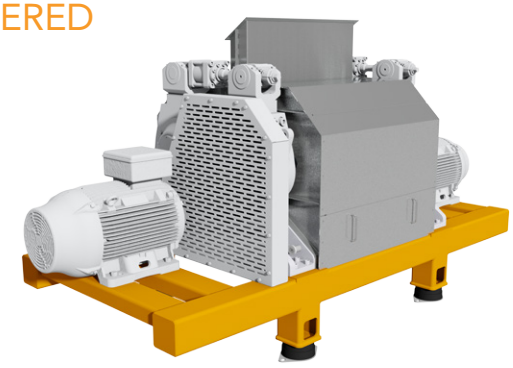
E R & F TURNER 600 FLAKING MILL

NEW HIGH CAPACITY FLAKING MILL RE-ENGINEERED SPECIFICALLY FOR THE ANIMAL FEED MARKET FOR PRODUCTION IN LARGER PLANTS.



TYPICAL ANIMAL FEED APPLICATIONS

- Steam flaked, micronized and extruded grains, maize, wheat, barley, beans, peas, soya and additionally for oil seed processing

OTHER APPLICATIONS

- Flaking of cracked soya beans, sunflower kernels, rapeseed and corn germs, as well as processing a raft of other seeds and raw materials

FEATURES

- 600mm diameter rolls
- 2 width options: 1000 & 1250mm
- Belt driven via high torque HTD belts
- Independently driven rolls with range of motors from 37 to 55kW
- Simple roll set up by adjustment of nuts on each pressure assembly
- Roll pressure is applied by dual acting hydraulic cylinders. A pressure relief valve reacts instantly to part the rolls in the event of a stone passing through, minimising any damage to the roll surface or machine
- Adjustable scraper blades keep the rolls clean, essential to maintain optimum capacity
- Discharge via integral hopper boards
- Totally enclosed around the rolls for safety and hygiene with stainless steel covers
- Polypropylene cheek plates prevent whole grains passing through the rolls
- Provision in front cover to easily insert a sampling tray

BENEFITS

- Having a heavy duty cast iron chassis, the mill retains the stability and accuracy of the roll gap and imposed pressure. The castings absorb the high pressures and shock loads to give a long and trouble free life
- A high precision, rigid bearing arrangement, enables the production of very fine flakes, if required
- Chilled iron rolls manufactured from the highest quality spun cast chilled iron, allowing for a considerable number of regrinds
- Pneumatically operated scrapers
- A common chassis supporting the mill and motors is isolated from the surrounding structure on anti-vibration mounts
- Rolls are fully guarded, even when the covers are open

OPTIONS

- Fine adjustment mechanism to enable in process roll gap adjustment
- Fully automated, PLC control of roll gap via servo valves fitted to the hydraulic pressure assembly
- Integrated variable speed feed roll unit or standalone vibratory feeder
- Water cooled rolls

REPLACEMENT WEAR PARTS

- To guarantee reliability and performance it is imperative to use genuine parts. All Christy Turner replacement parts are guaranteed to be manufactured from the most suitable materials and to the correct dimensional specification. In addition all parts have full material traceability, essential for anyone involved in food or feed production
- Christy Turner offers a complete flaking mills roll service, including a full bearing service and regrinding with tapers if required. Finishes include fluted and matted

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FLAKING MILLS

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