

E R & F TURNER 600 BCV2 BREAKFAST CEREAL FLAKING MILL

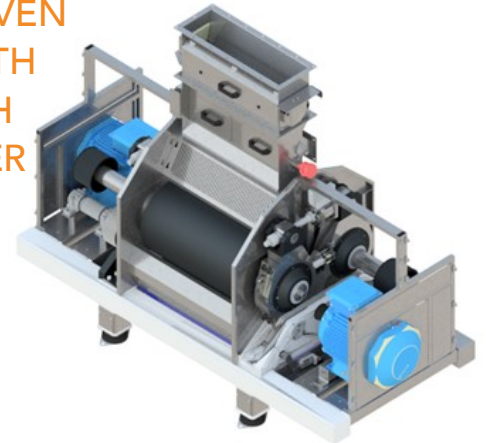
THE 600 BREAKFAST CEREAL FLAKING MILL IS A PROVEN HIGH CAPACITY MILL THAT HAS BEEN DESIGNED WITH THE LATEST HYGIENE REQUIREMENTS IN MIND, WITH AUTOMATED GAP CONTROL AMONGST MANY OTHER OPTIONS.

TYPICAL HUMAN FOOD APPLICATIONS

• Turner flaking mills are designed to handle the whole range of cereals in various forms and conditions to produce today's vast range of breakfast cereals such as cornflakes, wheat flakes, oat flakes, agglomerate flakes, rice krispies and mueslis

OTHER APPLICATIONS

• Flakes for snack bars, bread toppings & seed for oil extraction



FEATURES

- 600mm diameter Supercooled rolls
- 2 width options: 1000 & 1250mm
- Independently driven rolls with range of motors from 37 to 55kW
- Belt driven via high torque HTD belts
- In process parallel adjustment of roll gap
- Roll pressure system using dual acting hydraulic cylinders with an integral pressure relief valve that can react instantly to part the rolls in the event of a stone passing through, minimising any damage to the roll surface or machine is applied for breakfast cereal
- Easy to set up mill by adjustment of nuts on each pressure assembly
- Discharge via integral hopper boards
- Pneumatically operated scraper blades operate via a rotary switch and are easily adjustable by regulating the air pressure. These provide the effective roll cleaning essential to maintain optimum capacity
- Totally enclosed around the rolls for safety and hygiene with stainless steel covers
- Vertical split to bearing housings facilitates roll change without needing to remove overhead feed system
- Polypropylene cheek plates prevent whole grains going past the end of the nip
- Full control panel incorporating PLC for roll gap control and the pneumatic scraper controls

- A high precision, rigid bearing arrangement, enables the production of very fine flakes
- Chilled iron rolls manufactured from spun cast chilled iron allow for a considerable number of regrinds
- Our confidence in the quality of our rolls is due to over a decade of supply from the same source
- A common chassis supporting the mill and motors is isolated from the surrounding structure on anti-vibration mounts
- Rolls are fully guarded, when the covers are open

OPTIONS

- Control upgrades ranging from incorporation of soft starts for the mill motors and feeder to a fully automated, PLC control of roll gap via servo valves fitted to the hydraulic pressure assembly
- Integrated variable speed feed roll unit or stand alone vibratory feeder
- Integral conveyor discharge instead of hopper boards
- Supercooled Rolls for excellent temperature control.

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.
- Christy Turner offers a complete flaking mill roll service, including a full bearing service and regrinding with tapers if required. Finishes include fluted and matted

BENEFITS

- Proven design of 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



T +44 (0)1473 742325
F +44 (0)1473 462773
E info@christy-turner.com
W www.christy-turner.com

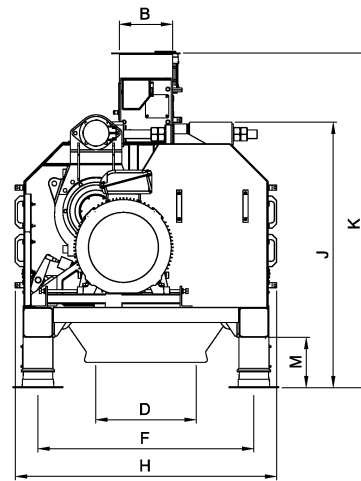
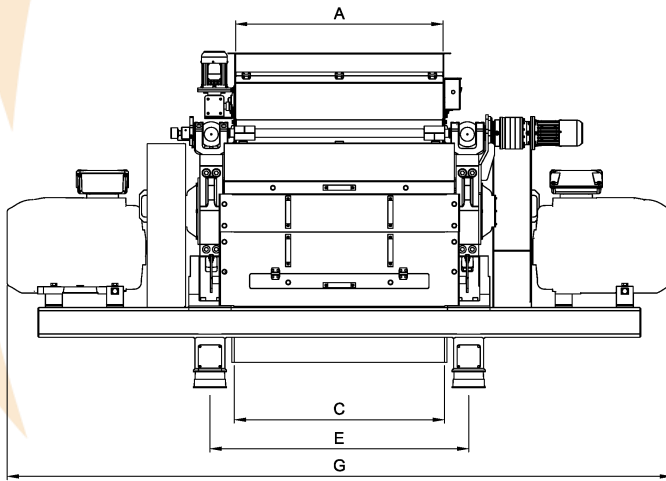
Christy Turner Ltd
Knightsdale Road
Ipswich
Suffolk
IP1 4LE
England

E R & F TURNER 600 BREAKFAST CEREAL FLAKING MILL

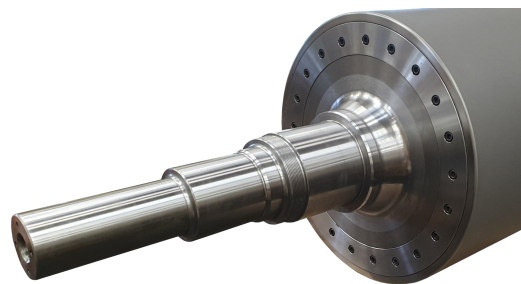
MODELS & SIZES

All dimensions in mm & weights in kg

Model	Roll Diameter	Roll Width	Feed Option*	Motor(s)	Inlet		Discharge		Mount Centres		Overall				C'rance	Weight
					A	B	C	D	E	F	G	H	J	K	M	
600V x 1000	600mm	1000mm	None	37kW x 2	984	144	1050	600	1308	1300	3620	1540	1610	1836	300	9000
				45kW x 2							3760					9250
			Roll Feeder	37kW x 2	1025	300	1050	600	1308	1300	3620	1540	1610	2056	300	9250
				45kW x 2							3760					9500
600V x 1250	600mm	1250mm	None	45kW x 2	1234	144	1300	600	1558	1300	4000	1540	1610	1836	300	10,250
				55kW x 2							4000					10,400
			Roll Feeder	45kW x 2	1025	300	1300	600	1558	1300	4000	1540	1610	2056	300	10,500
				55kW x 2							4000					10,650



SPUN CAST SUPERCOOLED ROLLS



PROVEN CHASSIS



T +44 (0)1473 742325
F +44 (0)1473 462773
E info@christy-turner.com
W www.christy-turner.com

Christy Turner Ltd
Knightsdale Road
Ipswich
Suffolk
IP1 4LE
England