

E R & F Turner 415 Dimpled Roller Mill

For Breakfast Cereal products

- ❖ **Special Design** – the 415 Dimpled Roller Mill is designed specifically for palletising cooked grains so that they can be flaked to form a multi-grain (agglomerated) flake.
- ❖ **Rolls** – the rolls are manufacture from the highest quality induction hardened special steel. The front roll has a replaceable shell, which is dimpled to client's specification and the pockets are coated with high-release material. The other roll is also fitted with a shell whose surface is plain. Both rolls are water cooled and equipped with rotary water unions.
- ❖ **Roll Drive** – independently driven by two 15 kw electric motors via. HTD belts and shaft mounted gear boxes. The drives come complete with, pulleys, belts & guards plus a single 30kW inverter which allows regulation of roll speed in the range 20 – 40 rpm.
- ❖ **Mill Control** – Roll contact pressure and movement to and from the working position is undertaken by hydraulic rams. The mill comes complete with an air-over-hydraulic power skid which only needs to be supplied with compressed air.
- ❖ **Control of the Roll Gap** – The mill can be run either with a small adjustable roll gap or alternatively with the rolls pushed fully together with variable force. In either case, this working adjustment of the rolls is achieved with left and right fine adjustment screws.
- ❖ **Scraper blades** – Each roll is provided with a pneumatically operated scraper/contacter blade which incorporates a working stop mechanism to allow the blades to work either in full contact with the rolls or alternatively at an adjustable gap. There is a choice of stainless steel or plastic blades.



Typical applications for the **415 Dimpled Roller Mill**:

Pellets for Multigrain flakes

Rolls	Power	Weight
415 diameter x 350 wide	2 x 15 kw	3000 kg