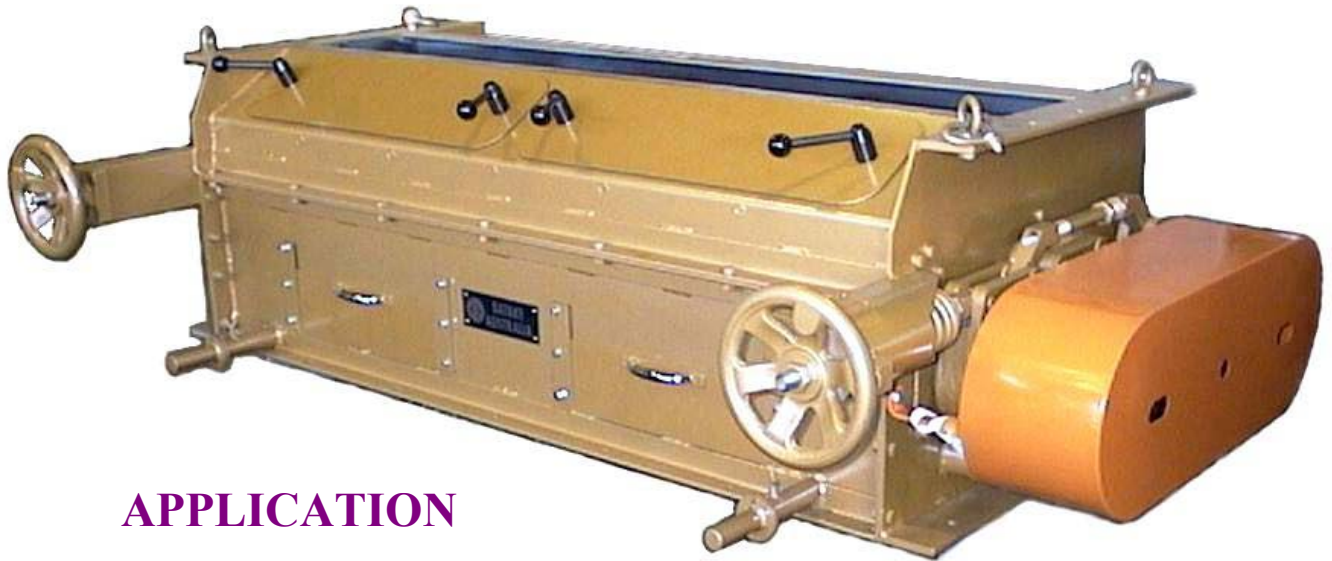


Pellet Crumbler Type FCRA



APPLICATION

The Satake Pellet Crumbler is used to reduce pellets produced on a press to “crumbles”. The pellets are ground between two fluted rolls that are fully adjustable allowing accurate particle size reduction.

OPERATING PRINCIPLE

The pellets are metered into the top of the pellet crumbler and fall either into the nip of the rolls or, if the integral by-pass valve is open, through the machine by-pass spout and remain unground. The pellets pass through the nip of the rolls, which are fluted with a profile that encourages a true cutting action. The gap between the rolls is adjusted by two hand wheels and this setting controls the degree of grind applied to the pellets

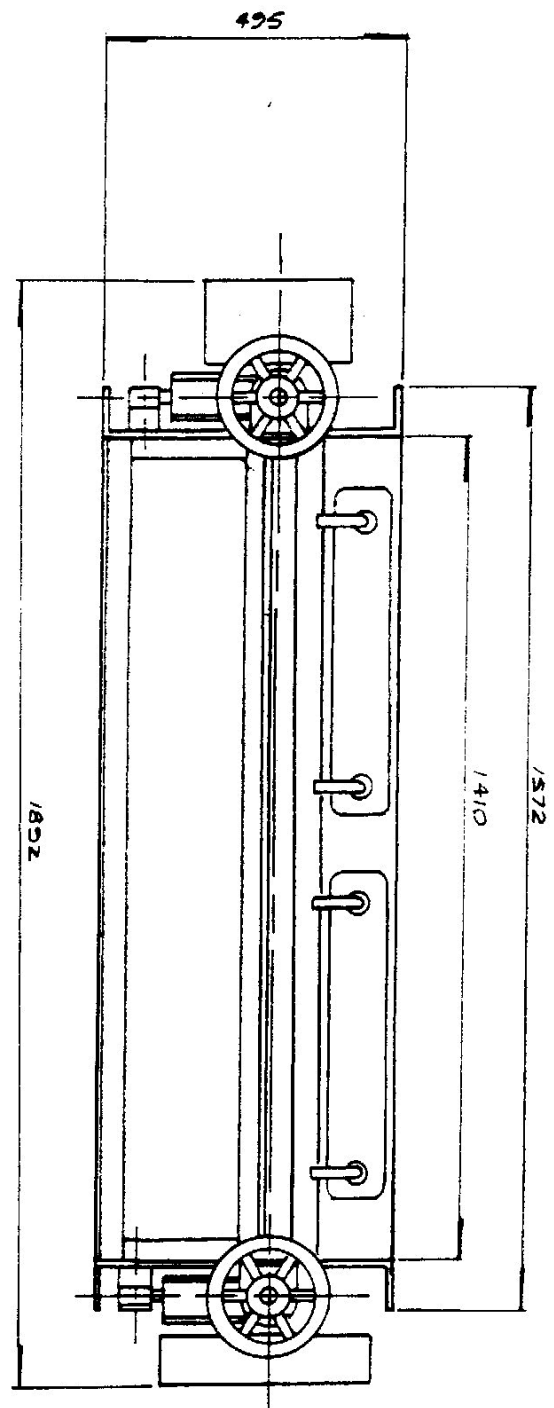
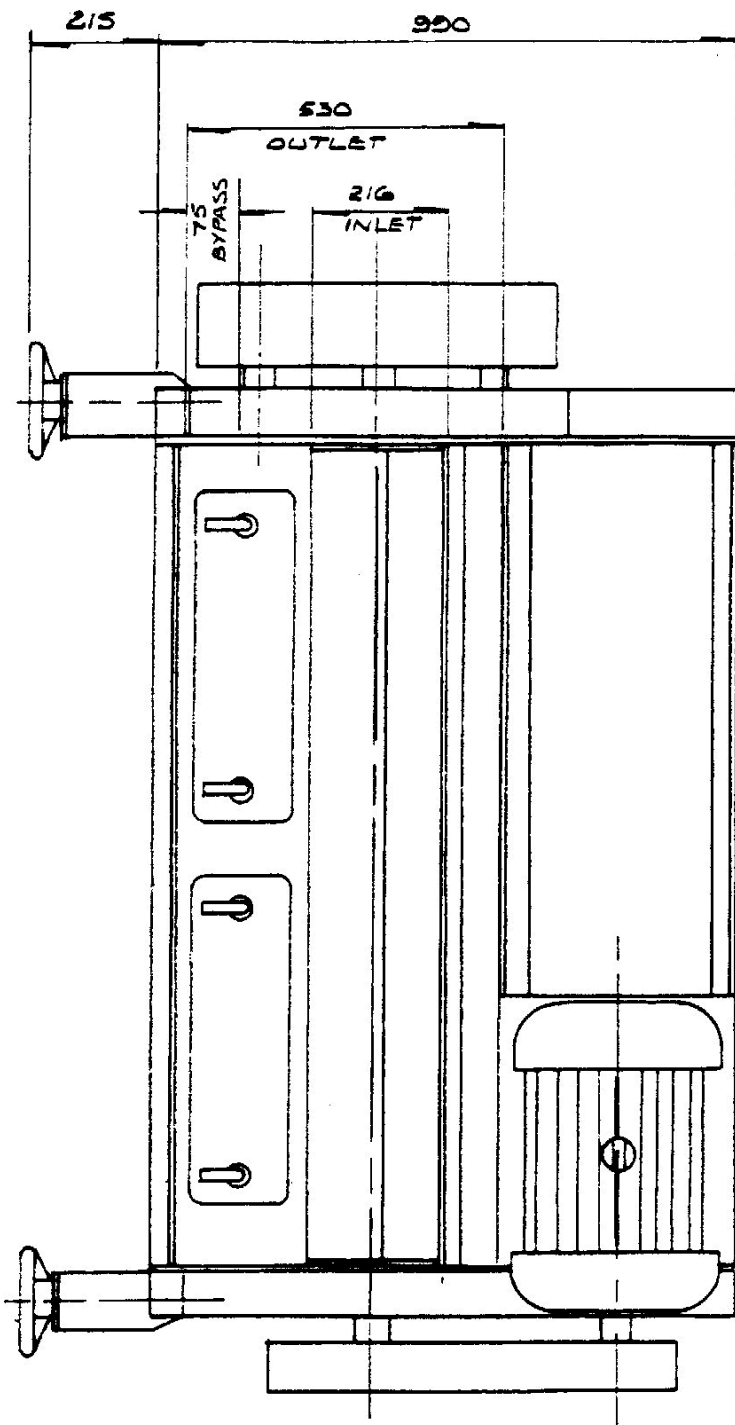


CONSTRUCTION

The pellet crumbler body is constructed in mild steel with rolls of hardened alloy steel. The machine is fitted with an automatic take-up device designed to keep an even tension on the main drive for efficient power transmission. A spring loaded take-up on the secondary vee-belt drive between the rolls ensures constant belt tension and quiet operation. The rolls are spring loaded to minimise the risk of damage should foreign material enter the nip of the rolls.

Large inspection doors are fitted to the body to allow easy access for checking roll adjustment and the inside of the machine.

A feed roll to ensure even spread of pellets across the width of the roll is available as an option.



TECHNICAL DETAILS

Type	FCRA 855	FCRA 1060
Capacity	Up to 15T/hr	Up to 20T/hr
Motor size	11kW	15-22kW
Roll dimensions	200mm x 400mm	250mm x 1525mm
Exhaust	N/A	N/A
Weight	1450kg	1880kg