

ABATTOIR ENGINEERING

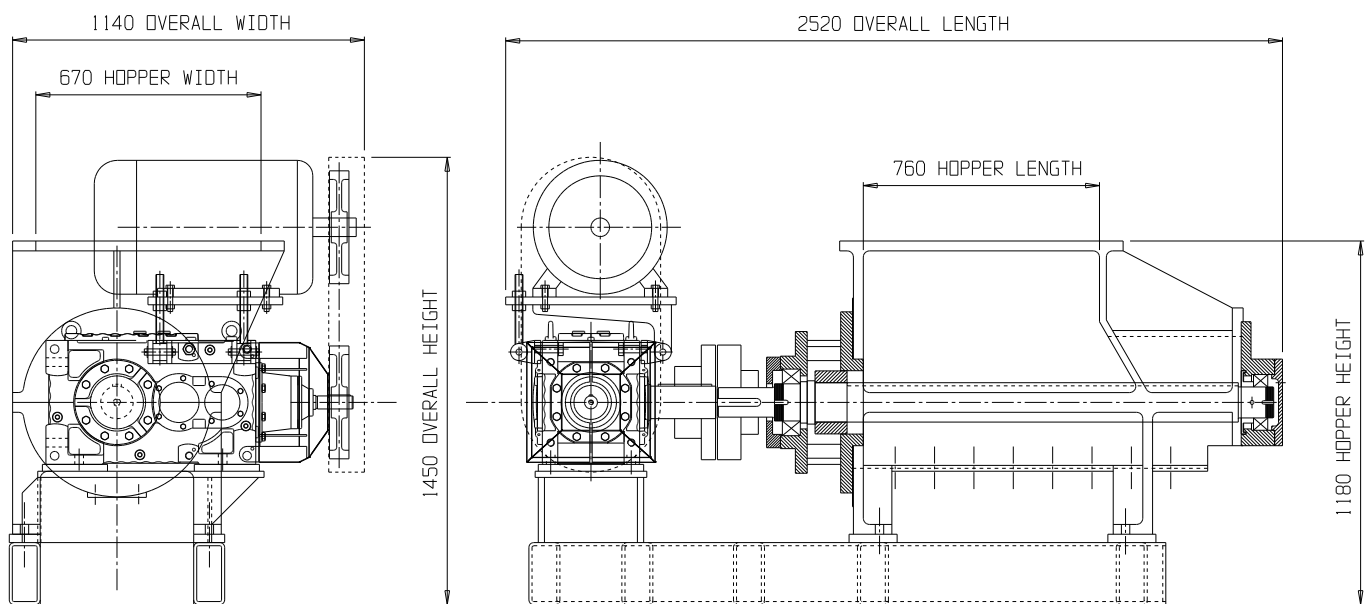


MK2 PRE-BREAKER

The Pre-Breaker is specifically designed for size reduction of animal carcasses, bones, offal and related materials. The MK2 Pre-Breaker is designed to provide efficient operation under demanding working conditions, with a priority on robust design and ease of operation and maintenance.

FEATURES

- Cast Steel Upper and Lower Shells
- Anvils & Rotary Strikers
- Hard faced and ground
- Drive Assembly direct coupled to main shaft assembly.
- The complete unit mounted on a common fabricated steel base frame.
- DRIVE: 45 KW.T.E.F.C. Motor



SPECIFICATIONS

SIZE	430 mm Barrel, 1450 mm High, 2520 mm Long, 1140 mm Wide	CAPACITY	Fat Material - 5,000 kgs/hr Beef & Mutton Frames - 10,000 kgs/hr Bones - 15,000 kgs/hr Frozen Blocks - 5,000 kgs/hr Soft Offal & Bone (Slashed Paunches) - 7,000 kgs/hr Note: This is dependent on type and size of material and means of feeding the unit.
WEIGHT	Total standard weight – 3.3 Tonnes	OPTIONAL EXTRAS	<ul style="list-style-type: none"> • Additional feeding hopper. • Legs to satisfy varying discharge heights. • Solid discharge housing for bottom discharge with smaller particle size. • Open end discharge housing for bottom and end discharge with larger particle size and greater throughput.
CONSTRUCTION	Cast Steel upper and lower shells. Anvils and beaters hard faced and ground. The breaker assembly, motor and gearbox are all mounted on a fabricated steel frame.	COMPREHENSIVE SERVICING	<ul style="list-style-type: none"> • Existing Pre-Breakers can be partly or fully reconditioned. • A comprehensive range of spare parts is available from stock at all times. • A new lower main body shell can be fitted.
BEARINGS	Self aligning roller bearings mounted in machined housings at each end of Pre-Breaker.		
DRIVE	45 K.W.T.E.F.C. Motor with a belt drive. Bevel Helical Gear Box The Gearbox is direct coupled through a cone ring coupling to the Breaker Shaft.		
FINISH	Undercoat is red oxide primer and finished in high gloss enamel.		



SPARE PARTS

Part No.	Description
3A389D/M5	Belt Guard
3A389A/M1	Base Frame
3A389	Limit Switch Cam Plate
3A389	Limit Switches
3A389	Frame
3A389D/P3	Motor
3A389D/P7	Motor Pulley
3A389	Motor Pivot Pulley
3A389B/M12	Split Bearing Housing
3A389B/M12	Spacer
3A389B/M3	Main Shaft
3A389B/M4B	Single Blade Beater
3A389B/M17	Beater Key
3A389B/M6B	Triple Blade Beater
3A389B/M2	Upper Shell
3A389B/M5B10	Reverse Beater
3A389B/M11	Bearing Housing
3A389B/M9	Bearing Cap
3A389	Gearbox
3A389D/P6	Gearbox Pulley
3A389D/M1	Motor Pivot Frame
3A389D/M4	Coupling Half Gearbox
3A389D/M6	Coupling Pin
3A389D/M7	Keeper
3A389D/M5	Coupling Guard
3A389D/M3	Coupling Half Breaker
3A389D/P2	Coupling Rubber
3A389B/M7	Anvil
3A389B/M1	Lower Shell
3A389B/P1	Stud

Part No.	Description
3A389D/M9	Motor Base Plate
3A389B/M13	Bearing Cap
3A389B/M8	Flinger
3A389D/P4	Vee Belt
3A389B/P5	Seal
3A389B/M15	Locknut R/H
3A389B/M16	Lockwasher
3A389B/P4	Bearing
3A389B/P6	Seal
3A389B/P6	Seal
3A389B/P2	Bearing
3A389B/M18	Lockwasher
3A389B/M10	Locknut L/H
3A389D/P1	Circlip

