Baxter

32" x 6"/8"

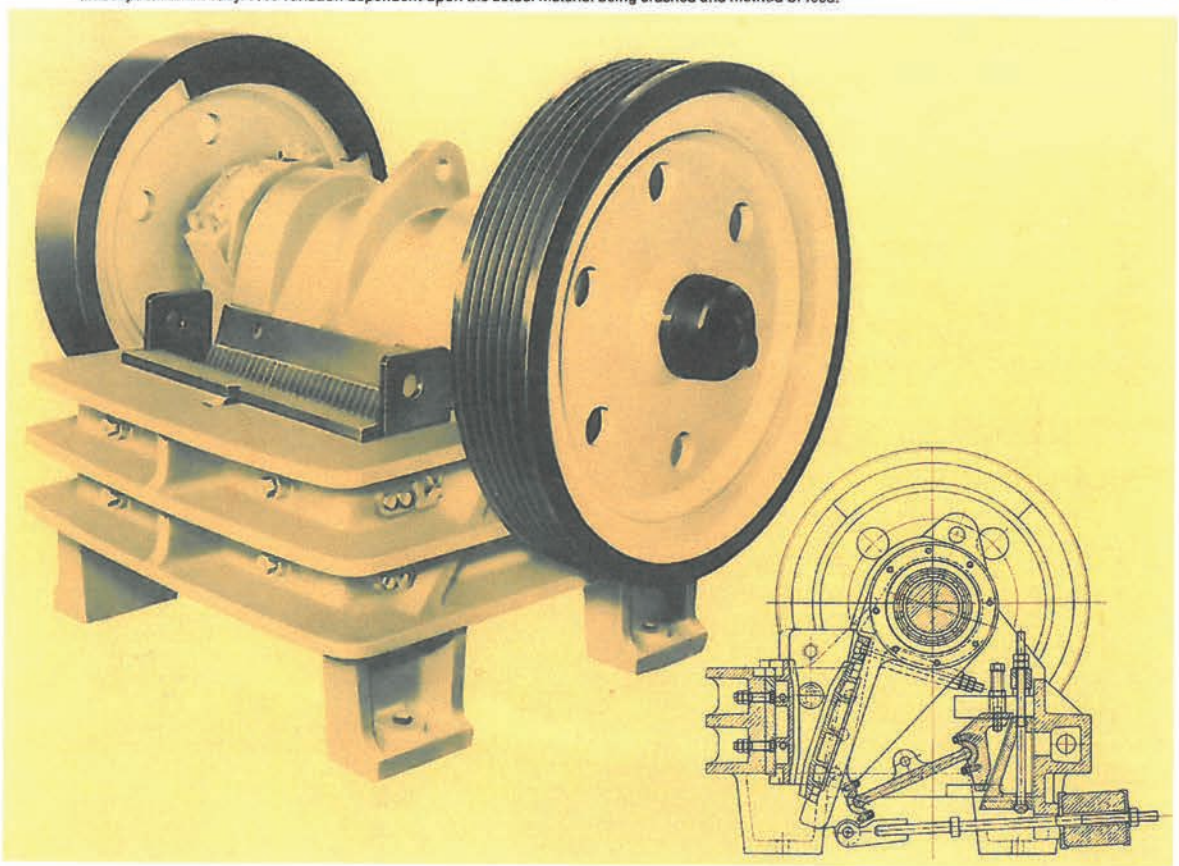
ALL STEEL ROLLER BEARING GRANULATOR

The Baxter 32" x 6"/ 8" Granulator is used for fine reduction with the mouth opening size 32" x 6". The machine may also be used as a secondary crusher with a mouth opening size 32" x 8". To change from the 6" to 8" opening it is necessary to remove the packing casting behind the fixed jaw and then to fit special side plates supplied with the machine.

APPROXIMATE OUTPUT DATA

Size of Granulator Mouth		Max. Size of Feed		Min. recommended Jaw Setting		Approximate Capacity in Long Tons (2,240 lb.) per Hour at Various Settings									
Ins.	m/m	Ins.	m/m	Ins.	m/m	Ins.	m/m	Ins.	m/m	Ins.	m/m	Ins.	m/m	Ins.	m/m
						¼	13	¾	19	1	26	1¼	38	2	50
32 x 6	813 x 152	5¼	133	¼	13	12—15		15—20		20—25		25—35			
32 x 8	813 x 204	7	178	¾	19			14—18		18—22		25—35		40—50	

NOTE: The Approximate Capacities given above are based on a continuous feed of hard material weighing at least 100 lb. per cubic foot. It must be emphasised that capacities are subject to variation dependent upon the actual material being crushed and method of feed.



Specification

1 MAIN FRAME

The frame is a one piece steel casting. The bearing housings are machined to precision limits to accommodate the main bearings and eccentric shaft.

2 JAWSTOCK

Heavy cast steel construction to give high strength. The jaw stock is precision machined to accommodate the roller bearing assembly, the eccentric shaft seals, swing jaw and toggle bearing

3 ROLLER BEARINGS

The Granulator is fitted with four super quality heavy duty double row self aligning roller bearings. All bearings are sealed against the ingress of dust and moisture

4 ECCENTRIC SHAFT

Machined from a high quality steel forging oil hardened and tempered and accurately precision machined to accommodate the roller bearings.

5 JAWS

Both the fixed and swing jaws are cast in high quality chrome manganese steel. Both jaws are reversible to give double life. The back face of both jaws are machined to ensure accurate contact.

6 TOGGLE PLATE

The Toggle Plate is cast in special wear resistant iron. In case of tramp iron or other foreign matter entering the Granulator mouth, over-load protection is given by the Toggle Plate which is designed to break; it is quickly replaceable.

TOTAL WEIGHT: 4,552 kg (10,037 lb)
SPEED: 330 R.P.M.

7 FLYWHEELS

The two flywheels are of solid grey cast iron. To ensure that the Granulator runs silently and free from vibration, both flywheels are correctly balanced with weights. Normally the machine is driven by vee belts. One flywheel is grooved for this purpose

8 TOGGLE BEARINGS

Precision machined from special Swedish alloy steel. The bearings are hardened and tempered after machining to ensure long life, both bearings are easily renewable. The toggle bearings are specially machined for a grease lubrication system

9 LUBRICATION

All Roller Bearings are grease packed during assembly in our Works. Provision is made for the lubrication of the roller bearings and seals by means of a grease gun through pressure nipples.

10 SIDE PLATES (CHEEK PLATES)

The side plates are of one piece construction manufactured from wear resistant steel plate

11 DRAWBACK MECHANISM

Consists of a single steel drawback rod with adjustable rubber compression block.

12 JAW ADJUSTMENT

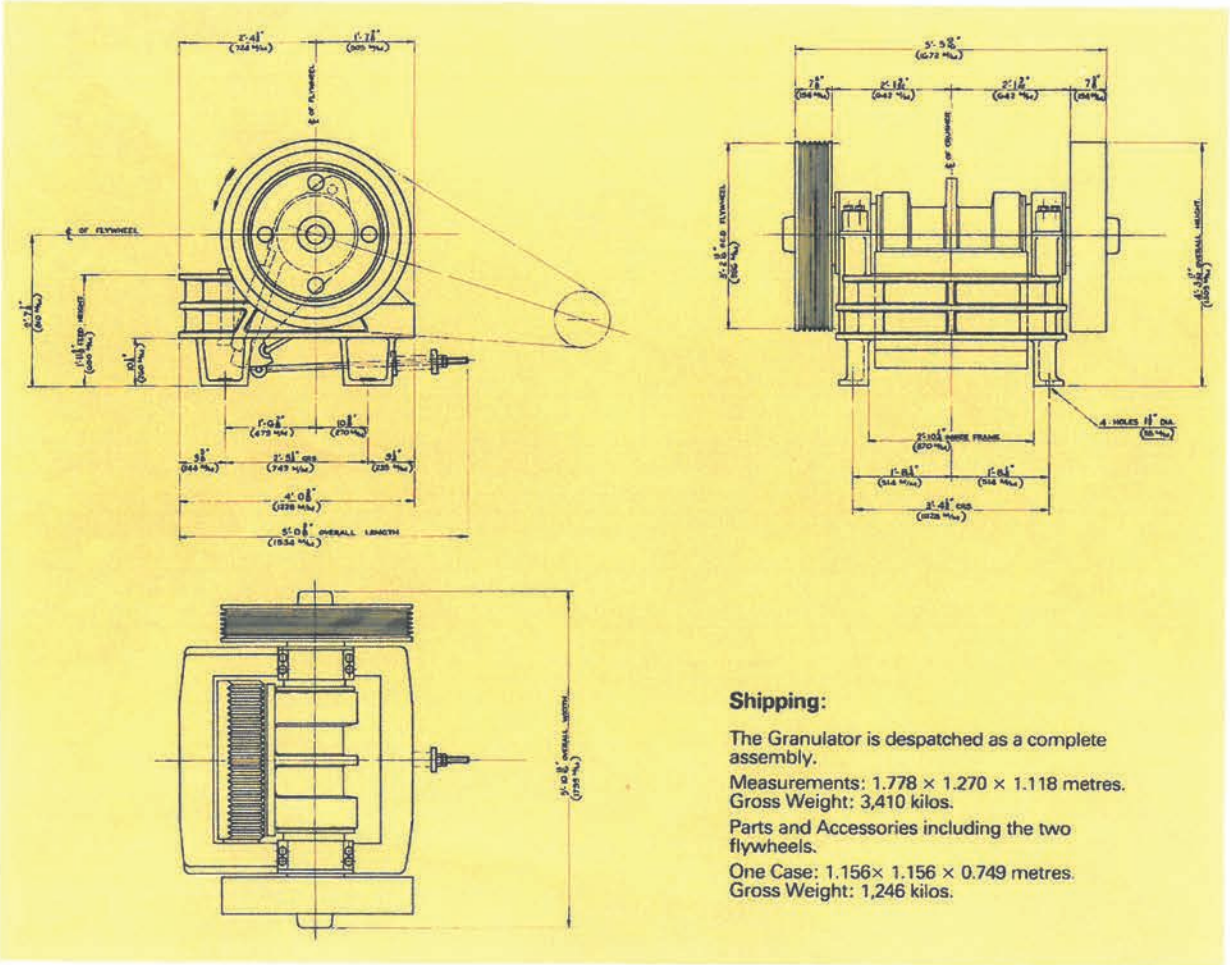
The jaw setting is easily changed by means of the wedge screw adjustment at the rear of the machine

13 DRIVE ARRANGEMENT

The Granulator is normally driven direct from an electric motor or diesel engine through vee belts.

H.P. CONSUMPTION: 30/40
MINIMUM SETTING: ½" (13 mm)

BAXTER CRUSHERS LTD.



Shipping:

The Granulator is despatched as a complete assembly.

Measurements: 1.778 × 1.270 × 1.118 metres.
Gross Weight: 3,410 kilos.

Parts and Accessories including the two flywheels.

One Case: 1.156× 1.156 × 0.749 metres.
Gross Weight: 1,246 kilos.