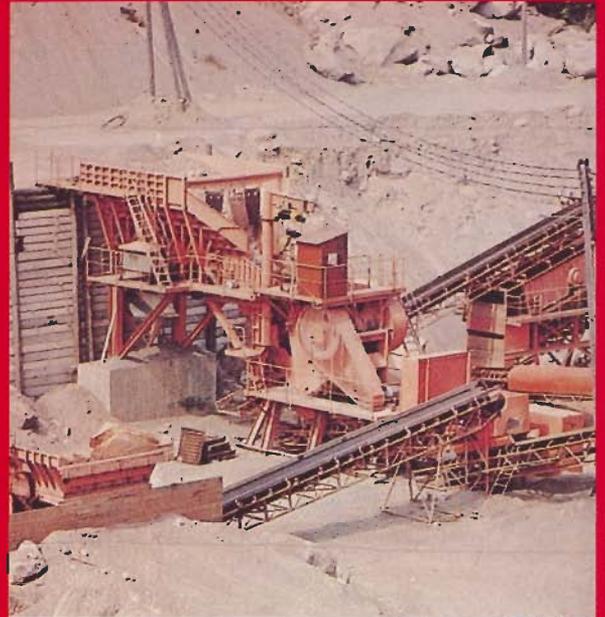


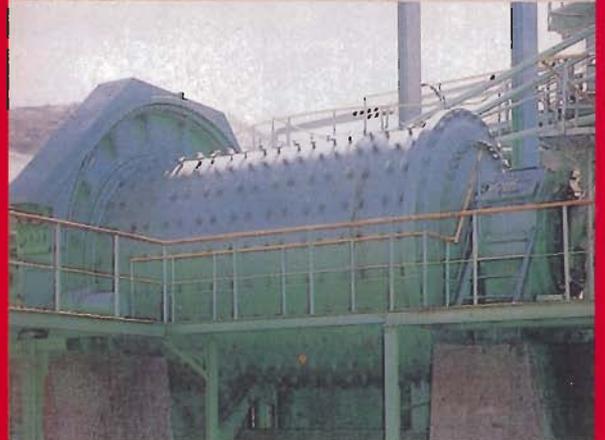


**Planning,
Designing,
Manufacturing
&
Installation of
Complete Plants**

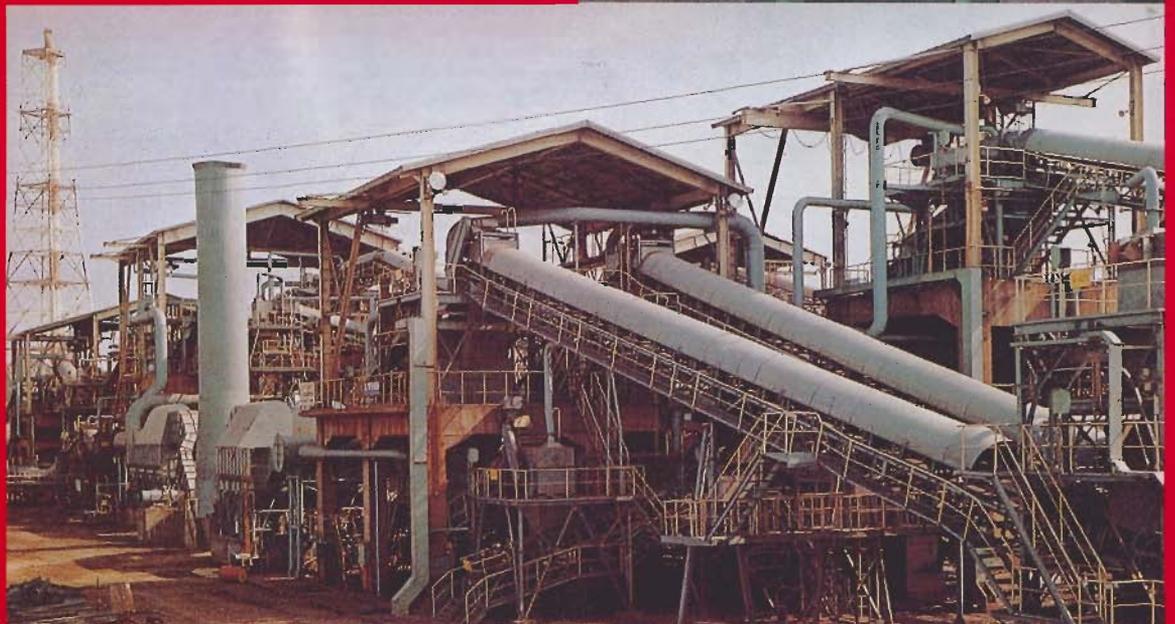
Aggregate Plants



**Crushing, Grinding &
Milling Systems**

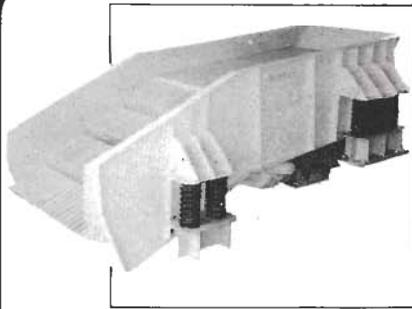


**Mineral
Processing**



APE PTE LTD

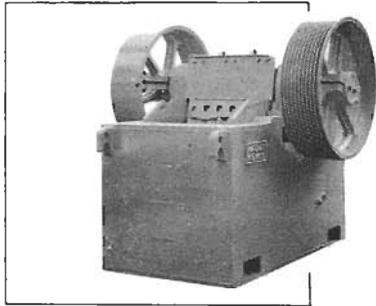
AGGREGATES ENGINEERING PTE LTD



VIBRATING GRIZZLY FEEDERS

This feeder will maintain continuous and regulated feed of material into the crusher to achieve maximum crushing capacity. The grizzly section will effectively scalp off all waste material. Capacity range from 50 to 500 tonnes per hour.

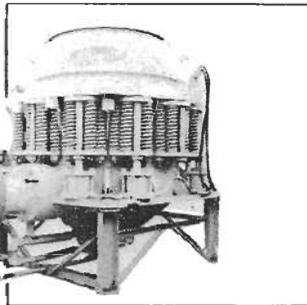
Size (mm)	Motor (kw)
900 x 2400	7.5
900 x 3600	11
1200 x 3000	11
1200 x 4500	15
1500 x 3600	15
1500 x 4500	25



SINGLE TOGGLE JAW CRUSHERS

Jaw Crushers are used in the initial stage of a crushing operation. Its size is not only of decisive importance for the total output of the plant but also influences the cost of the blasting and pre-crushing at the quarry.

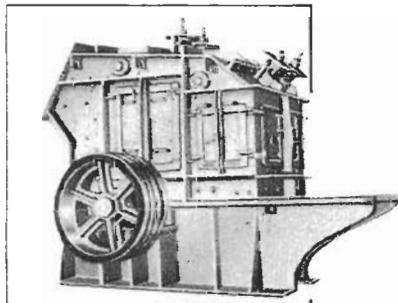
(Inch)	Feed Opening		Motor (kw)
	(Inch)	(mm)	
24 x 16	600 x 400		40 - 50
30 x 20	750 x 500		60 - 75
36 x 24	900 x 600		80 - 100
42 x 30	1050 x 750		100 - 150
48 x 40	1200 x 1000		150 - 175
60 x 48	1500 x 1200		200 - 250
10 x 6	250 x 150		
24 x 8	600 x 200		22 - 30
30 x 8	750 x 200		30 - 40
36 x 8	900 x 200		40 - 50
42 x 10	1050 x 250		50 - 60



CONE CRUSHERS

Cone Crushers are normally used in secondary and tertiary crushing which crushes material with a high degree of cubicity. Automatic tramp iron protection is provided by an effective hydraulically assisted spring release system.

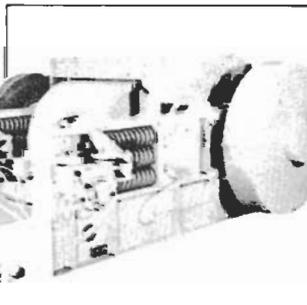
Model	Size (mm)	Motor (kw)
36	900	35 - 50
39	1000	55 - 75
48	1200	75 - 110
51	1300	110 - 130
60	1500	150 - 175
66	1700	175 - 190



IMPACTORS

Impactors are ideal for processing non-abrasive or medium hard to soft material and are capable of reducing large feed sizes to fine material in a single pass. It is specially designed to obtain a product of low flakiness index.

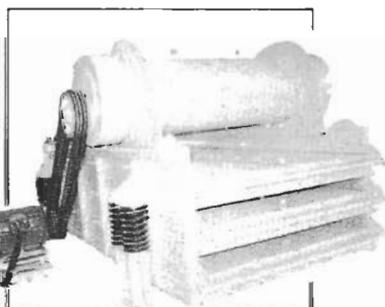
Feed Opening (mm)	Motor (kw)
300 x 530	7 - 15
370 x 770	11 - 15
400 x 770	30 - 45
450 x 1000	45 - 75
480 x 1460	75 - 110
480 x 2140	110 - 180



ROLL CRUSHERS

Double Roll Crushers are used economically to handle large capacities of intermediate or fine aggregate at a 3 to 1 ratio of reduction. Quarries and coal plants are typical installation sites. These crushers incorporate heavy duty anti-friction roller bearings. The shells and crushing members are of manganese steel, for long wear. Roll adjustment is fast and easy by means of shims and on the 4030 size quick adjustment is obtained with hydraulic assistance.

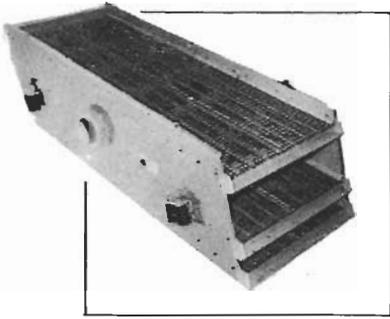
Sizes in Inches	Kw
24 x 16	25
30 x 18	30
30 x 26	75
40 x 22	45
40 x 30	180



HORIZONTAL VIBRATING SCREENS

Horizontal, Linear Motion Screen has two eccentric shafts on four oil lubricated self aligning spherical roller bearings. Amplitude of screen can be varied by adjusting counter weights at both ends of each shaft. Screens can be supplied in single, double or triple decks.

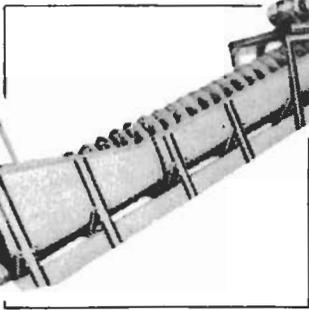
Model No	Screen Size (mm)	Motor (kw)
206	600 x 1800	3.5
308	900 x 2400	5
410	1200 x 3000	7.5
510	1500 x 3000	10
512	1500 x 3600	10
516	1500 x 4800	15
614	1800 x 4200	25



INCLINED VIBRATING SCREENS

Inclined Screen has a single shaft rotating on two oil or grease lubricated self aligning spherical roller bearings. Amplitude of screen can be adjusted by bolting equal weights to both ends of the shaft. The screen is supported by compression coil springs.

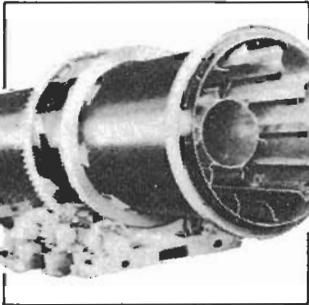
Model No	Screen Size (mm)	Motor (kw)
VSC 306	915 x 1830	3.7
VSC 408	1220 x 2440	5.5
VSC 510	1525 x 3050	7.5
VSC 616	1830 x 4880	15
VSC 820	2440 x 6100	30



SCREW CLASSIFIERS

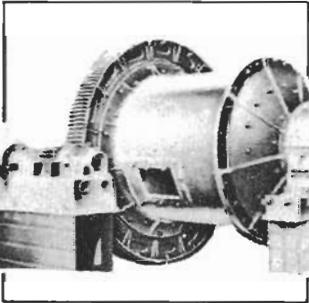
Screw Classifiers are used for the recovery of sand separating the water and impurities. The precision made screw ribbon squeezes and scrubs sand to eliminate slime and deposit clean, dehydrated sand.

Model No	Screen Size (mm)	Motor (kw)
MCS 1515	450 x 4500	5
MCS 2020	600 x 6000	7.5
MCS 2520	750 x 6000	10
MCS 3625	900 x 7000	15



ROTARY DRYERS

Rotary dryers are available in various designs to suit the type and wetness of material to be dried and the degree of dryness required. Continuous drying in various designs of direct or indirect heating parallel or counterflow operations are available. Sizes range from 3 to 8 feet in diameter and 18 to 60 feet in length.

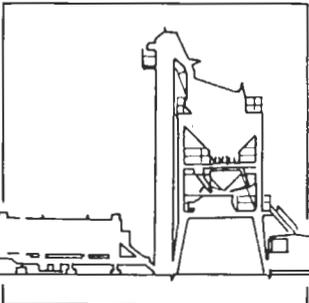


BALL MILLS

Fine or coarse, wet or dry, grinding in close circuit with airlock feeder, classifier, cyclone, dust collector with or without air heater produce a finely ground product of 28 to 325 mesh from a feed size of up to 1". Equipped with manganese steel liners, it is also suitable for abrasive materials. Sizes range from 3 to 13 feet in diameter and 3 to 30 feet in length.

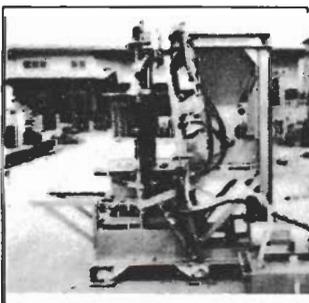
ROD MILLS

Rod Mills resemble Ball Mills except they use steel rods instead of balls as the grinding media. Product rate is higher and product size larger. For open circuit grinding, it is 6 to 20 mesh and for close circuit grinding up to 100 mesh is available. Sizes range from 4 to 10 feet in diameter and 6 to 16 feet in length.



ASPHALT PLANTS

Fixed and transportable asphalt mixing plants exemplify well engineered plant construction to meet customer's requirements. Basic plant is supplied to carry out all operations from drying to final mixing to which is added the required units from a great range of supplementary equipment such as proportioning feeders, fuel and bitumen heating and storage, secondary dust collectors, mixed storage hoppers and control systems.

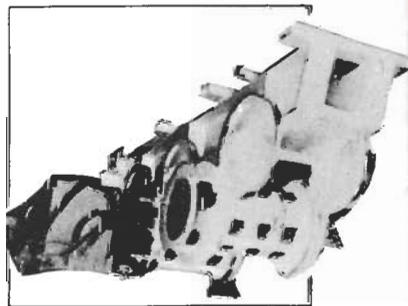


CEMENT BLOCK MACHINES

It is designed for maximum production capacity at minimum capital outlay. Various types of blocks can be produced by changing of moulds. All operations are hydraulically controlled. A motorised vibrator is integral with the mould. The machine can be operated by electricity or diesel.

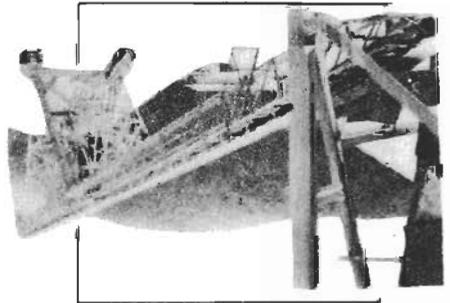
CEMENT PIPE SPINNING MACHINES

A reliable and independent machine that ensures high speed production of high quality spinned cement pipes. Sizes of up to 1200 mm diameter and 2 metre long can be produced in remote areas with little auxiliary support equipment. Spinning bed powered by hydraulic motor, mounted in a rugged steel frame.



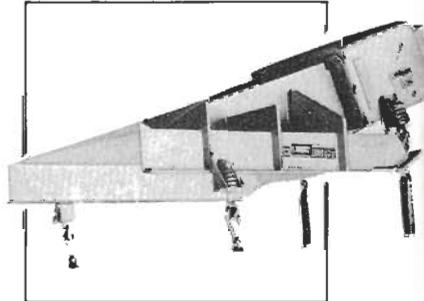
CONVEYORS

Conveyors are available in a complete range of types and sizes to suit every material handling requirement. Standard and specially designed conveyors can be supplied. By purchasing both the conveyor and processing equipment from the same manufacturer, the owner is assured of greatest efficiency and economy.



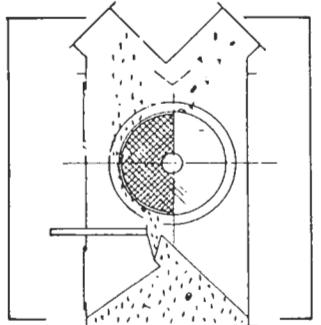
HI-VI VIBRATORY FEEDERS

A complete line of light and medium duty Vibratory Feeders is available to accurately feed and control material at rates ranging from pounds to many tons per hour. Seven base-mounted units are offered with a wide selection of trays.



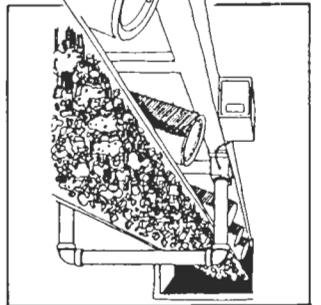
HEAVY-DUTY VIBRATORY FEEDERS

To move large tonnages of almost any bulk material, Electro-permanent magnetic drive and long stroke mechanical drives are available, capacities up to 2500 tph (2267 metric tph). Screen decks, grizzlies, special liners and other adaptations are available.



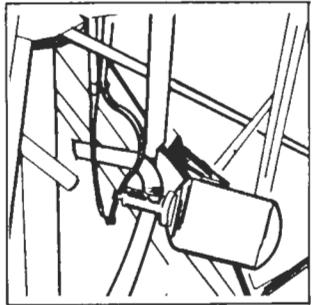
TRAMP IRON SEPARATORS

As material reaches the drum the powerful permanent non-electric magnetic field attracts and holds ferrous particles to the revolving shell. As the revolving shell carries the material through the stationary magnetic field, the non-magnetic material falls freely from the shell while ferrous particles are firmly held until carried beyond a divider and out of the magnetic field.



METAL DETECTORS

Solid state Metal Detectors detect unwanted tramp or stray metal in moving bulk material, packaged or bagged material carried on conveyors. They can also be used to detect the presence of metal items in conveyor speeds up to 600 feet per minute. The Metal Detector is installed around a conveyor or chute so that existing equipment need not be modified or relocated.



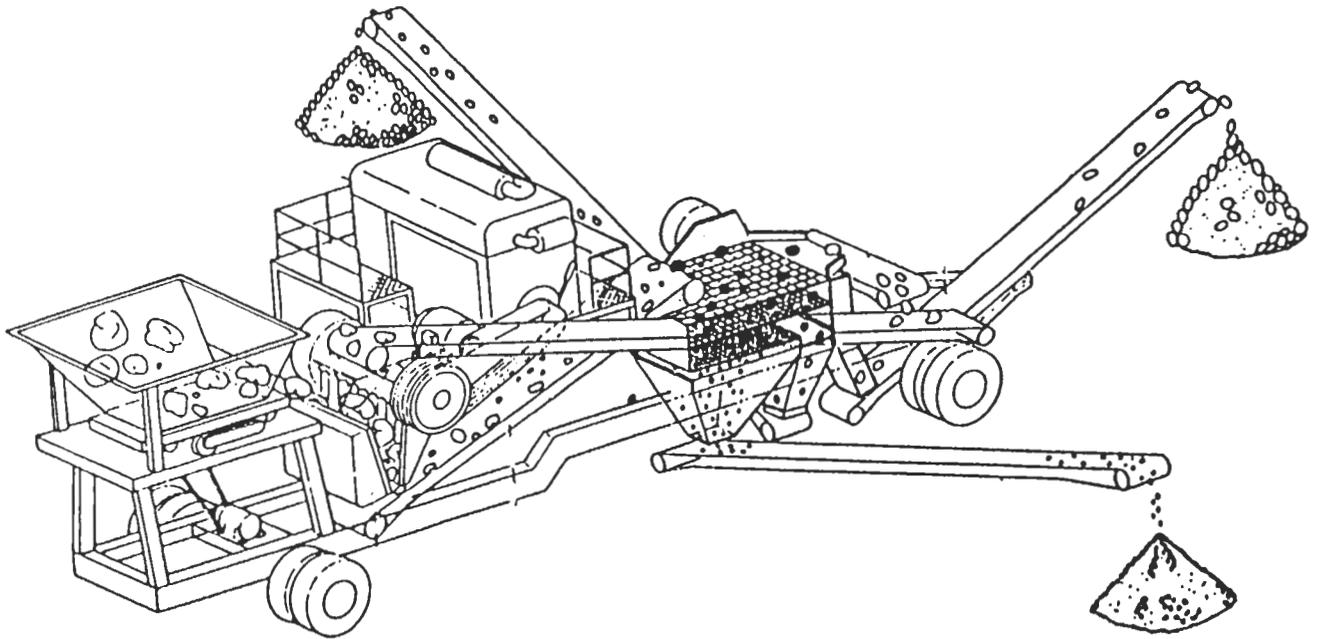
AIR CANNONS

Air Cannon system is the practical easy to apply method for solving bulk flow problems in silos, hoppers, chutes and storage piles. It works for all types of stubborn materials, like those of high density, or moisture content, entangling shapes, coarse and fine sizing. Easy to install and maintain and uses ordinary compressed air with low volume usage.

MOBILE CRUSHING & SCREENING PLANTS

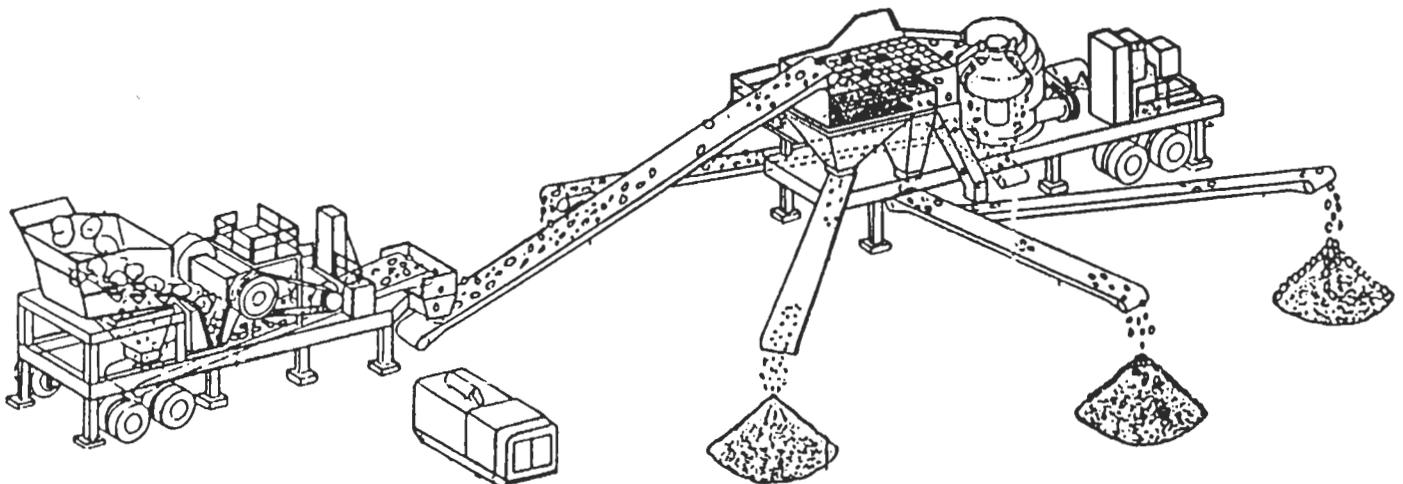
MDP SERIES

CAPACITY: 15 — 50 TONS PER HOUR



MMG & MMV SERIES

CAPACITY: 100 — 200 TONS PER HOUR





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