

TRAILBAZER - world class mobile crushing and screening plants with innovative features that result in reliability and versatility. The "WC" series of **CONE CRUSHING AND SCREENING PLANTS** is designed for heavy duty operation at mines and quarries and for contract crushing. The range includes plants that will attain capacities from 100 TPH to 400 TPH in demanding applications from iron ore to aggregate to sand crushing.

The "WC" series plants are fitted with **BAZER** hydraulic cone crushers and with either **BAZER** circular motion inclined screens or **BAZER** elliptical motion horizontal screens. **BAZER** crushers and screens are modern equipment designed for heavy duty operation and long life.

The "WC" series has an innovative design that provides two feed points - one for direct feed to cone and the second for direct feed to screen, which combined with the hydraulic settings and adjustable screens provides maximum flexibility to the plant operator to achieve the capacity and quality of product required. Whilst the "WC" series is designed for closed circuit production the provision of reversible stub conveyors allows for the product to be taken off the chassis to make an "open circuit".

With the ability to change feed points and modify the circuit, a "WC" series cone plant has great versatility to shift from one application to another thus suiting a contractor owner or a large company requiring site and application mobility.

Each "WC" series plant comes complete with crusher, screen, hydraulics, discharge conveyors, chutes and electricals - "All in One" chassis. To start operations the cone plant is positioned within feeding and receiving conveyors, connected to an electric supply source and crushing can begin. Each crushing plant is designed for ease of access to facilitate maintenance. The chassis are designed for rapid deployment and are easily transportable.





BAZER HYDRAULIC CONE CRUSHER

High capacity, versatile and easy to use cone crusher will give years of trouble free operation

Main shaft supporting structure The main shaft has upper and lower support areas. Due to this arrangement, large lumps of material can be crushed without any abnormal load such as cantilever loads being applied to the main body. Besides, a large spherical bearing is used for the upper support area this reduces critical loading of the main shaft and results in longer fatigue life and lower power consumption.

Hydraulic system The main shaft is supported with a hydraulic system during operation. Should any abnormal material be fed into the crusher, the main shaft will be lowered automatically thus releasing the abnormal material while continuing operation.

Wear Liners Not only the bottom frame, but all surfaces where feed material comes into contact with the main body are lined with liner plates to ensure that the main body is kept free of wear.

Drive Unit Bevel gears are used for the eccentric gear and pinion which provide excellent transfer of power with low noise.

Easy adjustment of CSS Due to the hydraulic system, it is possible to adjust CSS simply by pushing a few buttons.

PROFIT FROM RELIABILITY

HORIZONTAL / INCLINED VIBRATING SCREEN

Oversize bearings for long life

Heavy duty construction

Exposed surfaces have wear protection



CHASSIS

Supplied with conveyors incorporating German motorized pulleys

Dual tandem axle suspension heavy duty chassis

Heavy duty support legs and landing jacks

Platforms, hand-railings & ladders



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Model	WC900	WC1000	WC1200	WC1200-HS
Max. Plant Capacity	150 TPH	175 TPH	275 TPH	400 TPH (iron ore)
Max. Feed Size	110 mm	160 mm	250 mm	250 mm
Feed Height	2750 mm	3000 mm	3950 mm	3950 mm
CSS setting/clearing	Hydraulic	Hydraulic	Hydraulic	Hydraulic
Crusher CSS range	13 - 50 mm	10 - 50 mm	10 - 50 mm	10 - 50 mm
Crusher Drive Motor	75 KW	90 KW	160 KW	160 KW
Screen Type	Inclined	Inclined	Inclined	Horizontal
Screen Size	1.5 m x 4.5 m	1.5 m x 4.5 m	1.8 m x 5 m	1.8 m x 5 m
Number of Deck	Three	Three	Three	Three
Screen Inclination	16°	16°	16°	Horizontal
Screen Drive Motor	22 KW	22 KW	22 KW	37 KW
Transport Mode				
(L x W x H)	16.4 x 3.3 x 4.18 m	16.4 x 3.3 x 4.18 m	17.9 x 3.3 x 4.2 m	17.9 x 3.3 x 4.2 m
Working Mode (L x H)	16.4 x 5.26 m	16.4 x 5.26 m	18.4 x 5.8 m	18.4 x 5.8 m
Total Required Power	112 KW	127 KW	212 KW	227 KW

Disclaimer

Capacities vary from site to site depending on material, moisture content and gradation, therefore all stated capacities are indicative only. The company retains the right to modify any design at its discretion and therefore dimensions may change.

BHP INFRASTRUCTURE

PLOT 7, SECTOR 4

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