

TRAILBAZER - world class mobile crushing and screening plants with innovative features that result in reliability and versatility. The "WS" series of WHEELED SCREENING PLANTS is designed for heavy duty operation at mines and quarries and for contract screening. The range includes plants that will attain capacities from 200 TPH to 400 TPH. The screening plants are fitted with either circular motion inclined screens or elliptical motion horizontal screens. Washing plants are also available fitted with a washing system and a screw washer.

The Trailbazer "WS" Series Screening Plant has a Double Deck Vibrating Grid that screens out oversize, and a generous Feed Hopper from which a variable speed Belt Feeder extracts material onto a heavy duty Double Deck or Triple Deck Vibrating Screen, from which onboard product conveyors discharge the required sizes of product. The result is that the standard screening plant produces three or four sized products.

The standard wheeled chassis comes complete with all equipment and conveyors including electrical control panels. To start operations the screening plant is simply connected to an electric supply source, the conveyors are opened and screening can begin. Each screening plant is designed for ease of access to facilitate maintenance and replacement of screening media.

Alongside the "WS" series the Rubblemaster TS3600 compact tracked screening plant is offered with a Double Deck Vibrating Grid that provides three sized products and can demonstrate capacities up to 200 TPH.



TRILBAZER "WS" SERIES MOBILE SCREENING PLANTS

FEATURES

- BAZER vibrating screens have oversize bearings, heavy duty construction and substantial wear protection for long life
- BAZER Double Deck Vibrating Grid is designed for impact and high wear
- Main Belt Feeder has VVF drive to control feeding on to the screen
- Onboard conveyors fitted with German Motorized Pulleys
- Vibrating Screen amplitude and angle are adjustable
- Platforms are provided for easy accessibility for maintenance
- "All in one" chassis screening plant can be relocated easily



MODELS AVAILABLE

- WS200 With Horizontal Belt Feeder & Large Inclined Vibrating Screen
- WS300 With Horizontal Belt Feeder & Large Inclined Vibrating Screen
- WF1200 Feeding unit with Vibrating Grid, Horizontal Belt Feeder and inclined conveyor
- WS400 With Three Deck Elliptical Motion Triple Shaft Horizontal Vibrating Screen
- TS3600 Track Plant with Inclined Feed Conveyor & Inclined Circular Motion Screen



PROFIT FROM RELIABILITY



INCLINED SCREEN FEATURES

- Generous sizing of bearings for long operating life
- High strength steel side walls for durability
- Complete bolted design to avoid residual stress
- Replaceable modular wire mesh clamping design
- State of art oscillator designed for rugged use
- Adjustable weights for stroke adjustment
- Amplitude variation from 50% to 100%
- Self tensioning motor base
- Easy access to replace screen mesh
- Snubbers for smooth operation preventing lateral movement

HORIZONTAL SCREEN FEATURES

The proven BAZER range of Horizontal Screens increases production, reduces recirculation load and adds profit to your daily operation

Triple shaft arrangement generates elliptical throw that can be adjusted for changing stroke angle and stroke length by clocking the gears

High stroke of 19 mm

Equals

High capacity 1.5 times that of inclined screens

Adjustable throw angle, from 30 degree to 60 degree

Plus

Adjustable speed, variable from 675 to 875 rpm

Equals

Maximized production for your application

Oversize bearings provide long service life

The extra-strong box construction & heavy-duty spring mounts add up to make a screen which will yield maximum performance under tough conditions year after year with minimum down time

Can be fitted with piping for conversion to washing applications



TS 3600 RUBBLEMASTER TRACKED SCREENING PLANT

Cost efficient solution for the production of high quality, define grain sizes. Weighing just 16 tonnes, this compact plant has a Deutze 41.5 kW engine and throughput capacity of 200 t/h, depending on the material



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Model	BAZER WS200	BAZER WS300	BAZER WS400	BAZER WF1200	Rubblemaster TS3600
Type	Wheeled Inclined Screen	Wheeled Inclined Screen	Wheeled Horizontal Screen	Wheeled Feeding Unit	Tracked Inclined Screen
Plant Capacity	225 TPH	300 TPH	400 TPH	400 TPH	200 TPH
Screen Size	1.5m x 4.5m	1.8m x 5.0 m	1.8m x 5.0m		1.25m x 3m
Number of Decks	2 (Two)	2 (Two)	3 (Three)		2 (Two)
Vibrating Grid	Double Deck	Double Deck		Double Deck	Double Deck
Max. Feed Size	450 mm	450 mm	450 mm	450 mm	450 mm
Hopper Volume	7.0 m ³	7.0 m ³		7.0 m ³	3.8 m ³
Feed Conveyor	1000 mm Variable Speed	1200 mm Variable Speed		1200 mm Variable Speed	1000 mm Variable Speed
Side conveyors	650 mm 2 Nos.	800 mm 2 Nos.	800 mm 3 Nos.		650 mm 2 Nos.
Fines conveyor	1000 mm	1000 mm	1200 mm		800 mm
Screen Inclination	16°	16°	Horizontal		Inclined
Power	External 46.7 KW	External 54 KW	External 58.5 KW	External 22 KW	Deutz, 4 Cylinder diesel 41.5 KW
Discharge Height	Up to 2900 mm	3000 mm	4000 mm	4000 mm	4000 mm
Transport Mode (L x H x W) m	14 x 4.2 x 3.3	14 x 4.2 x 3.3	10 x 4.2 x 3.3	7.8 x 4.2 x 2.8	11 x 2.5 x 3.4
Working Mode (L x H) m	16.4 x 4.7	16.4 x 4.7	12.6 x 4.5	12.9 x 4.7	13 x 3.8

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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