



BAITRACK BP SERIES



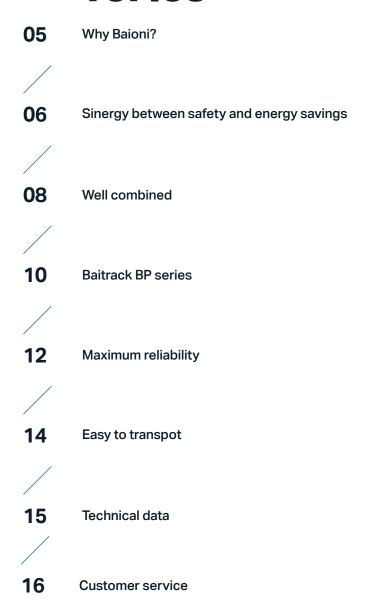


"Because we know our job and experience counts"



PRODUCT

TOPICS



Consult our catalogs to have a positive response to yours production problems.



The first mobile crushing and screening units equipped with electrical motors for material advancement and processing.

WHY BAIONI?

Because mobile plants are becoming more popular

- >> mining permits are under time constraints
- >> better resale value and reusability
- >> they can also be used individually
- >> they are in line with the latest advancements in mining
- >> they effect substantial savings in personnel and transport costs

Needs and expectations

- >> thanks to modern technology, mobile plants can produce grain sizes that could only be achieved in the past with static plants
- >> output quality is equal to that of static plants

What exactly does Baioni offer?

- >> extensive experience in both fields of plant design: mobile and static
- >> competence in stone and rock processing
- >> a program and complete cycle of crushing and screening of all fractions

What are the potential areas of application?

- >> at all quarry types
- >> at recycling sites
- >> in tight spaces such as tunnels
- >> various building and road construction sites

SINERGY BETWEEN SAFETY AND ENERGY SAVINGS

Baioni Crushing Plants SpA has created a system composed of different types of track-mounted mobile units for use in primary, secondary and tertiary crushing, screening and storing of inert materials originating from quarries, mines or recycling installations.

The innovative design of these mobile units consists of their complete and total reliance on electrical motors for operation, intended to allow for sustainable, environmentally friendly growth.

Diesel – direct drive electric drive displacement and operation.

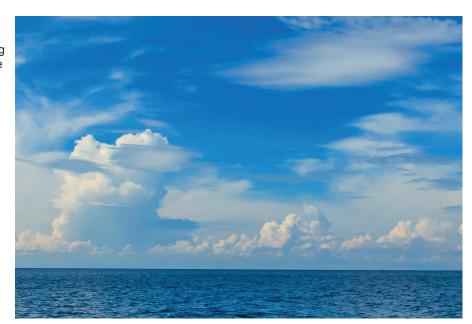
Up to 495 kVA power





Considering how much industrial processes can have negative environmental impacts, Baioni Crushing Plants is increasingly looking for effective solutions for a more sustainable management of aggregates production.

Baion track-mounted units can process Construction and Demolition (C&D) materials consisting of the debris generated during construction, renovation and demolition of buildings.





Reduction in energy consumption by about 35%



Elimination of bothersome oil leaks, lower environmental impact



The possibility of operating at a distance using a remote control



Less parts in motion, which means lower maintenance costs

INNOVATIVE BAIONI / COST-EFFECTIVE AND RELIABLE

Conventional drive systems (hydraulic)



Direct diesel drive system



These units are designed with the goal of meeting new challenges faced by the sector. They combine to form a production circuit complete with crushing and screening for a uniform production even in the most difficult of situations, while remaining individually usable.

All the units are the result of 3D assisted design that ensures perfect dimension of the structures, with no excess weight. This makes the units more maneuverable and safe, even in rough terrain.

Ulderico Baioni, President of Baioni

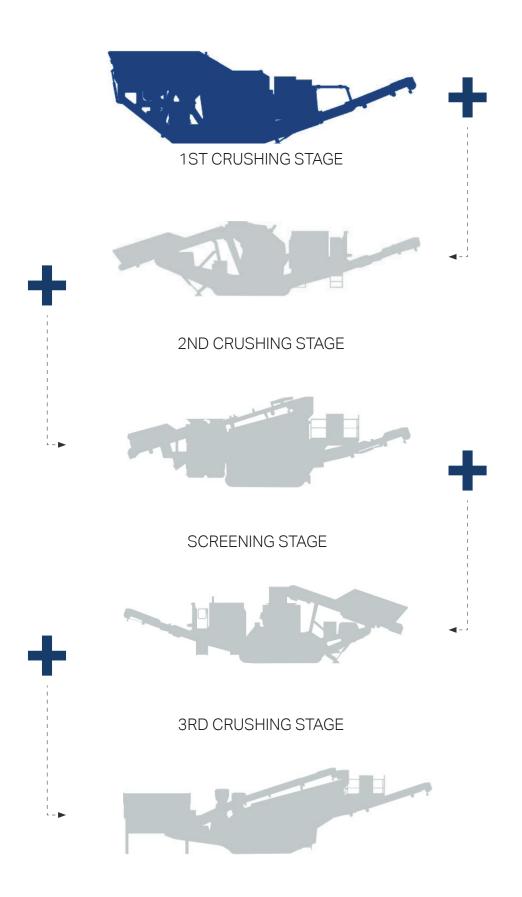
THE PERFECT COMBINATION

When track-mounted units are in sequence, the primary and secondary jaw crushers, cone crushers and impact mills perform better.

The electric power switches of each machine contained in a unit can be linked allowing for excellent control of material flow through each phase of the crushing and screening process.

- >> THE MACHINES COMUNICATE, THE INPUT TO THE CRUSHER IS REGULATED BY A VIBRATING FEEDER AND CAN VARY WITH THE SIGNAL COMING IN FROM THE SUBSEQUENT SECONDARY CRUSHER.
- >> THE CONVEYORS AND TRANSPORT PARTS REMAIN IN MOTION AS A FUNCTION OF INCOMING LOADS, EXCEPT IN CASES OF BREAKDOWN.
- >> ELEVATED SAFETY DUE TO THE PRESENCE OF INTERLINKED EMERGENCY STOP BUTTONS IN EACH UNIT.

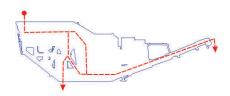




END SCREENING STAGE

BAITRACK BP

AT WORK (IN SEQUENCE)



Efficient ${\it dust suppression system:}$ emissions reduced to a minimum by the water-air system, supplied on request.

up to 850 mm Max feeder size

520 t/h Max capacity unit 1.300 x 970 mm Max crusher mouth size



The BaiTrack BP mobile primary crushing series is available in four models of different production capacities. The completeness of the offering makes it possible to create any crushing line for both natural and demolition materials ensuring maximum yield with minimum maintenance costs.

The four models of the BaiTrack BP series, BP 90/60B, BP 110/70B, BP 130/85B and BP 130/95B, make maximum use of the crushing capacity of the large BP jaw crusher for a production yield that ranges from 71 to 520 T/h.

During design, particular attention was paid to facilitating operation and maintenance procedures and to simplifying the process of preparation for transport.



POWERFUL AND RELIABLE

The **BaiTrack BP** mobile series is a high-performance trackmounted primary jaw crusher perfect for company's operating in the mining, crushing and recycling sectors. The **BP jaw crusher series** includes the **BP-B series**, which comprises models for mobile applications, further completing our offering. Our extensive experience in the quarrying, mining and construction sectors, illustrated by numerous installations across the world, ensures that we are constantly aware of global changes and are constantly designing new efficient and reliable jaw crusher models with reduced energy and maintenance costs that are in line with the latest trends.

The BAITRACK mobile units are designed for producing aggregates, for primary crushing in quarries and for recycling construction/demolition materials. They can be used with any type of minerals and rocks, even if particularly hard and abrasive. These units can reduce production costs remarkably while at the same time guaranteeing high performances.

- >> ELECTRICALLY POWERED TRACKS
- >> HYDRAULIC FOLDING OF THE SIDES AND THE HOPPER
- >> HYDRAULIC FOLDING OF THE WASTE CONVEYOR BELT FOR TRANSPORT
- >> BYPASS WASTE CONVEYOR BELT BELOW THE FEEDER
- >> EASY TO TRANSPORT AND REPOSITION
- >> INDIPENDENT MOBILE UNITS THAT CAN BE ASSEMBLED INTO A SINGLE GROUP
- >> A WIDE RANGE OF OPTIONALS FOR ANY AGGREGATES



- **O1** Excellent feeding and efficient pre-screening: wide and long feeding surface that allows to increase production.
- O2 High productivity thanks to perfect crusher load size: the possibility of **increasing the hopper capacity** by adding supergates. Hydraulic folding of the supergates. Internal armoring of the sheet metal to prevent wear.
- O3 Smooth material flow and reduction of obstructions: jaw crusher with semi-hydraulic regulation. Very easy dismantling of the fixed jaw crusher withreduced stop times.
- **Q4** Reduced consumption and fuel efficiency: diesel motor on board for supplying electrical energy to all units.
- **05 Belt conveyor**: for stockpilling or feeding of the next step.
- 06 Efficient removal of metal/steel objects

- O7 Control board: easy and intuitive to use, quick diagnostics in case of breakdowns,
 PLC with a touchscreen for all utilities.
- **08** Maximum stabilization during work phases: **stabilizers** equipped with standard hydraulic control.
- **09 Extra-large tracks**, each equipped th its own electric motor.
- **10** Folding of the **waste conveyor** accomplished using hydraulic piston control.
- **11 Bypass conveyor** with hydraulic slide control that llows orientation of materials towards either the extractor belt or the waste belt.



EASY TO TRANSPORT

The BaiTrack BP series is also easy to transport thanks to its compact size, weighing between 34 and 100 tons. Easy to operate and fast to assemble and start up.

Baioni plants' compact designs and transport-friendly weights allow them to be moved easily from site to site. The track-mounted plants feature quick and easy setup and operation, they comply with safety and environmental standards.



High flexibility for the needs of multisite quarries



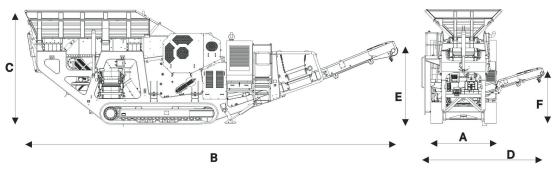
Simple set-up



BAITRACK BP TECHNICAL DATA

 $Characteristics, photos\ and\ dimensions\ are\ not\ binding.\ Baioni\ Crushing\ Plants\ SpA\ reserves\ the\ right\ to\ modify\ the\ specifications\ without\ prior\ notice.$

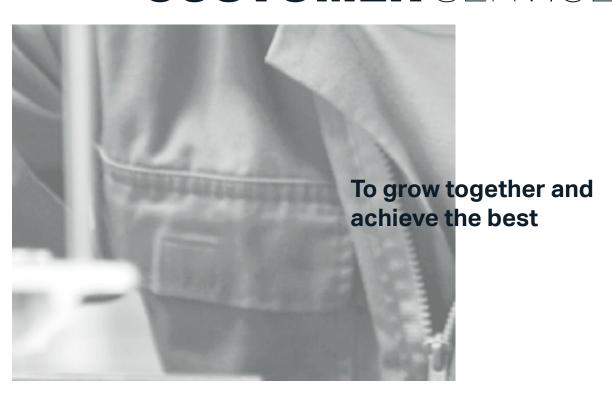
lopper volume approx. m3 lopper volume (with extention) m3 eed capacity up to approx. T/h eed size max. mm lopper dimensions width x length mm iibrating grizzly feeder type	5 10 250 510 2.250x3.960 AVC 80 800 x 3.756	6 12 390 640 2.418x5.120 AVC 90A 900 x 4.440	7 14 650 730 2.580x5.350 AVC 110	8 16 730 850 3.727x5.745 AVC 130
eed capacity up to approx. T/h eed size max. opper dimensions width x length mm	250 510 2.250x3.960 AVC 80 800 x 3.756	390 640 2.418x5.120 AVC 90A	650 730 2.580x5.350	730 850 3.727x5.745
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	AVC 80 800 x 3.756	AVC 90A		
ibrating grizzly fooder type	800 x 3.756		AVC 110	∆\/C 130
ibrating grizzly reeder type		900 v 4 440		AVC 130
ibrating grizzly feeder dimensions width x length mm	1,000	JUU X 4.44U	1.070 x 4.960	1.300 x 5.000
y pass chute	yes	yes	yes	yes
/aste conveyor (optional)	NTS 40/3,3	NTS 65/4,5	NTS 65/4,5	NTS 65/4,5
ubber band dimensions width x length mm	400x3.300	650x4.500	650x4.500	650x4.500
crusher type	BP 90/60B	BP 110/70B	BP 130/85B	BP 130/95B
crusher mouth size mm	900x600	1.100x750	1.300x860	1.300x970
Crusher weight approx. Kg	11.700	21.560	32.000	42.000
djustment range of gap width jaw setting mm	50-135	75-170	65-200	100-220
crusher gap adjustment	Hydraulic - mechanic			
crushing capacity with CSS = 60 mm up to approx.	71-100	115-130	175-210	280-340
Crushing capacity with CSS = 135 mm up to approx. T/h	150 -180	280-310	355-440	430-520
xtracting conveyor T/h	NTS 80/10	NTS 110/11,5	NTS 120/11,5	NTS 120/12
ubber band dimensions width x length mm	800 x 10.000	1.100x 11.500	1.200 x 11.500	1.200 x 12.000
Senerator kVA	165	250	275	275
Control board	onboard			
Magnetic separator	option		-	
lopper extention	option			-
Overall weight approx. Kg	34.000	57.800	85.000	102.670



BAITRACK BP **DIMENSIONS**

Unit width	Α	2.470	2.800	3.285	4.000
Unit length	В	13.610	15.850	16.320	17.408
Feed height approx.	С	3.796	4.470	5.360	6.380
Total width	D	4.650	5.235	5.400	9.887
Discharge height approx.	Е	2.635	3.126	3.082	2.950
Waste conveyor height approx.	F	1.690	2.140	2.315	4.010
Width		2.784	2.805	3.285	4.000
Height		3.800	3.900	3.900	4.320
Length		13.610	15.800	16.400	16.400

CUSTOMER SERVICE



Baioni provides a complete and professional after-sales service ensuring assistance and maintenance where required. For each plant, in every part of the world, spare parts and, where necessary, specialized technicians are sent, minimizing the downtime. **The Baioni Crushing**

Plants spare parts service is responsible for the after-sales management of equipment, ensuring a timely supply of the parts requested by the

customer; ready assistance to solve any problem and a continuous and competent information service on the characteristics of the machine and on the consultation of the documentation supplied with it.

From the moment of purchase, the Baioni customer is assisted in all phases of operation by competent technical and commercial consultants.

Baioni customer service programs also internal training courses for technicians who dedicate themselves every day to the care and maintenance of the machines; they are offered a training on site or at the Monte Porzio headquarter where every type of machine is available for testing and check.



Consultancy



R&D



Design



Technical and sales assistance



Site inspection

Production



Assembly and start-up



Staff training



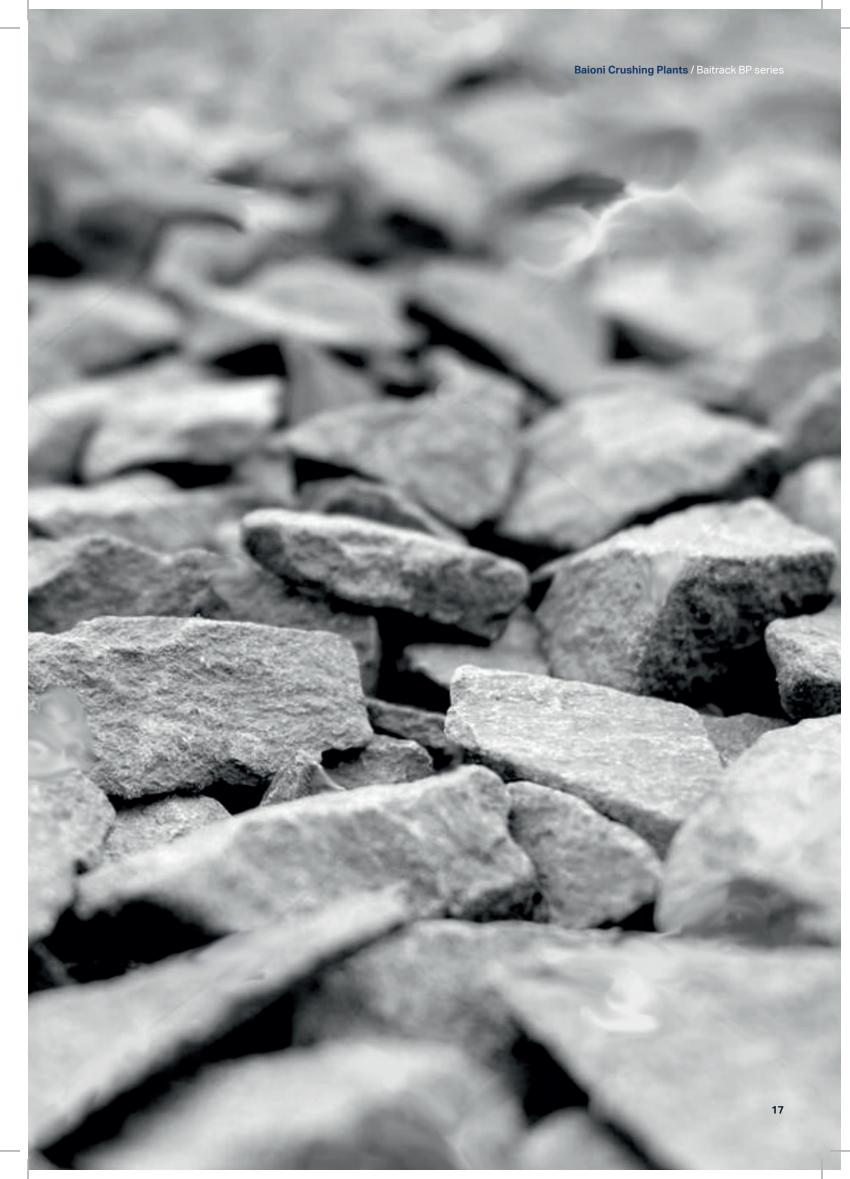
After sales



Spare parts



Maintenance and service



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