

**SWISS POWER**



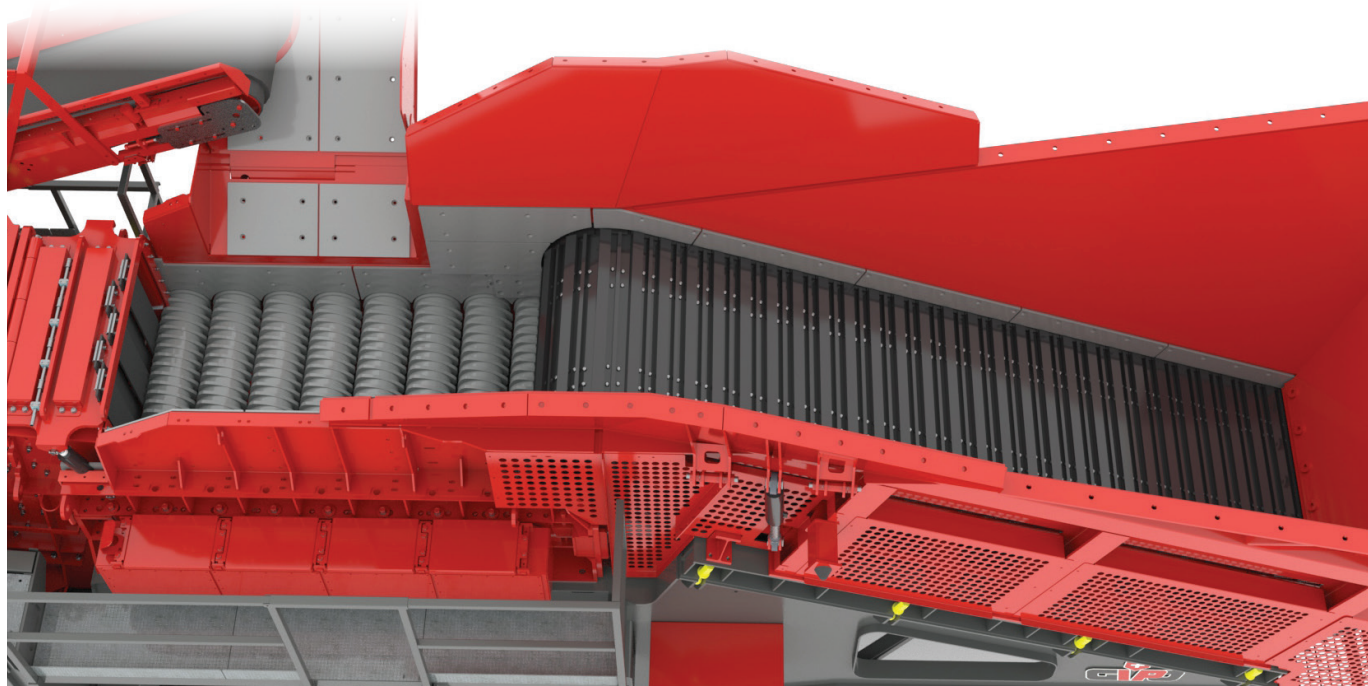
**MOBILE IMPACT CRUSHING PLANTS  
APRON CONVEYOR WITH  
ROLLER GRIZZLY  
PRODUCT RANGE**



MOBILE IMPACT CRUSHING PLANTS  
WITH APRON CONVEYOR AND ROLLER GRIZZLY  
LIMITLESS VARIETY

The GIPO apron conveyor is designed for the toughest applications and offers the highest reliability for large, coarse feed material. Continuous conveying of the material and also the discharge of coarse oversize material are guaranteed. The powerful drive makes possible trouble-free material removal with impressive hopper capacities.

The GIPO roller grizzly is the ideal pre-classifying device for feed material containing clay and for heavy feed material. Where conventional pre-screening machines clog and accumulate material, the GIPO roller grizzly impresses with its horizontally rotating rollers and the resulting cleaning function. Downstream plant in the material flow, such as a crusher, profit to a high degree from the preparatory work, which has a noticeable effect on their service life and servicing. The crusher is fed evenly and constantly by the horizontal movement of the rollers.

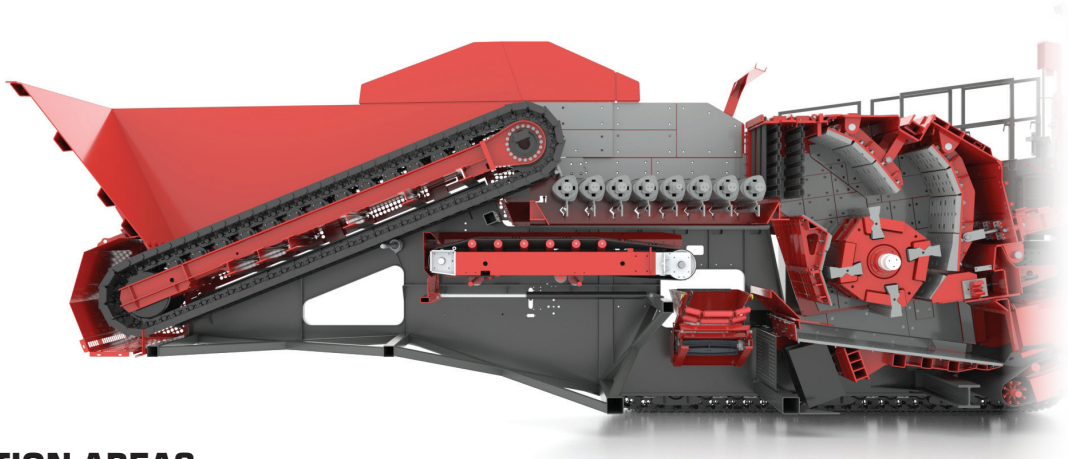


+ **PRODUCT OVERVIEW**

**PRODUCTS**

	GIPO P 100	GIPO P 131	GIPO P 130	GIPO P 150
Feed material size up to max. (mm)	600x800x1,000	900x800x1,100	900x900x1,100	900x1,000x1,300
Crusher inlet WxH (mm)	970x800 (*920)	1,270x800 (*920)	1,500x925 (*1,100)	1,670x925 (*1,100)
Feed performance*** (t/h)	Up to 250	Up to 500	Up to 600	Up to 800
Weight** (kg)	75,000 – 84,000	46,000 – 90,000	86,000 – 90,000	150,000 – 190,000

**CONCEPT AND APPLICATION AREA**



**APPLICATION AREAS**

The apron conveyor concept covers a very wide variety of application areas. Whether with impressive feed hopper capacity in stationary applications or on mobile GIPO plants – the apron conveyor provides the highest reliability. Thanks to its low maintenance effort the highest efficiency is possible, which is ultimately also reflected in an increase in the operating time.

**ROLLERS AND GAP DIMENSION**

The configuration of the roller axles specifies the required particle size. With two different standard bearing sizes, gap widths from 40 mm to 120 mm can be set. The special Reuleaux triangular shape of the drive cams produces a wave motion in the material and in this way ensures constant forward movement. From a specific gap width, these triangular drive cams are also designed as spacers in this shape so that clogging can be prevented. Depending on the degree of contamination of the feed material, the number of rollers is increased to safeguard the cleaning.

\* Inlet opening enlarged hydraulically.  
\*\* The weights are indicative. They may vary from the information stated depending on the configuration.  
\*\*\* Throughput for end products. Is not the same as the feed performance.



CRUSHING PLANT EQUIPMENT – VERSION PB RR				
Feed hopper				
Feed perform. up to approx. (t/h)***	250	500	600	800
Feed material size max. WxHxL (mm)	600x800x1,000	900x800x1,100	900x900x1,100	900x1,000x1,300
Hopper volume (m³)	6	8	8 (15)	Up to 50
Feed apron conveyor				
Useful width (mm)	900	1,200	1,200	1,400
Roller grizzly				
Useful width (mm)	970	1,270	1,270	1,500
Gap dimension (mm)	40 – 80	40 – 120	50 – 120	50 – 120
Number of rollers	8	8	10	10
Roller grizzly side discharge conveyor	Optional	Optional	Optional	Optional
Belt width (mm)	650	650	650	1,000
Impact crusher				
Crusher inlet WxH (mm)	970x800 (*920)	1,270x800 (*920)	1,270x925 (*1,100)	1,500x925 (*1,100)
Rotor diameter (mm)	1,200	1,200	1,300	1,300
Discharge channel				
Dimensions WxL (mm)	1,030x2,350	1,330x2,350	1,330x2,350	1,560x2,550
Thickness, base wearing plate (mm)	25	25+15	25+15	25+10
Crusher discharge conveyor				
Belt width (mm)	1,200	1,400	1,600	1,600

These items are available as an option for the GIGA version; they are included as standard on the KOMBI variant.

*All figures are examples and may vary depending on equipment and options.*

Feed	Final screening unit
<ul style="list-style-type: none"> <li>Manual or hydraulic hopper wall height increase</li> <li>Wearing lining</li> <li>Quick-release locking of the feed unit to reduce the transport weight</li> </ul>	<ul style="list-style-type: none"> <li>Very wide range of screen covering options</li> <li>Blanking cover</li> <li>Screen deck combination for mixing fractions</li> </ul>
Crushing unit	Air classifier
<ul style="list-style-type: none"> <li>Crushing adjusting mechanism for processing chippings</li> <li>Impact bars for every application</li> <li>Open or closed rotor</li> <li>Swivelling crane for impact bar replacement</li> <li>Hydraulic pin locking</li> </ul>	<ul style="list-style-type: none"> <li>Powerful removal of unwanted material from oversize material</li> <li>Removal at screen outlet for small foreign particles on middle and lower deck</li> </ul>
Drive unit	Conveyor belts
<ul style="list-style-type: none"> <li>Drive systems:             <ul style="list-style-type: none"> <li>Diesel-hydraulic with direct drive for crusher</li> <li>Electro-hydraulic with direct drive for crusher</li> <li>Combined diesel / electrical-hydraulic</li> </ul> </li> <li>Choice of various engine manufacturers</li> </ul>	<ul style="list-style-type: none"> <li>Hinged or connector systems for quick transport preparation</li> <li>Variable conveyor belt lengths</li> <li>Hoods and covers</li> <li>Measuring systems and belt scales</li> <li>Magnetic drums</li> </ul>
Ferrous metal discharge	Safety and working conditions
<ul style="list-style-type: none"> <li>Cross magnet, height adjustable</li> </ul>	<ul style="list-style-type: none"> <li>Plant lighting</li> <li>Central lubrication</li> <li>Refuelling pump</li> <li>Water spraying and misting</li> <li>Radio remote controls</li> <li>Country-specific standards</li> </ul>
	Colour scheme and logos
	<ul style="list-style-type: none"> <li>Plant colour scheme as per customer wishes</li> <li>Plant logos</li> </ul>

\*\*\*\* The final screen is designed to suit the application and may vary from the dimensions stated.





**+**  
**PRODUCTS**  
THAT MOVE MOUNTAINS





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Figures and text are for information only and may include options.

Subject to technical change. Performance data are dependent on the application conditions.