

## THE PLANT WITH COUNTLESS CONFIGURATION OPTIONS



With an impressive choice of configuration options, the GIPO B 1170 covers a broad spectrum. An absolute all-rounder from the simple crusher to the versatile recycling/processing plant.

TECHNICAL DATA	B 1170	B 1170 GIGA	B 1170 GIGA Ferrous mat. longitudinal discharge
Weight**			
Operating weight (kg)	64,000 - 68,000	77,000 - 81,000	85,000 - 89,000
Transport weight, plant (kg)	64,000 - 68,000	75,000 - 79,000	-
Transport weight, plant without GIGA (kg)	-	65,000 - 69,000	70,000 - 74,000
Transport weight, final screening unit (kg)	-	8,000 - 10,000	10,000 - 13,000
Power unit, drive			
Drive power (kW)	Up to 260	Up to 350	Up to 430

### CRUSHING PLANT EQUIPMENT

	Basic configuration	Optional configuration	Information
<b>Feed hopper</b>			
Feed perform. up to approx. (t/h)***	510		<ul style="list-style-type: none"> <li>Robust design made of highly wear-resistant material</li> </ul>
Hopper volume (m³)	4	8	<ul style="list-style-type: none"> <li>Hydraulically lockable hinged walls</li> </ul>
<b>Feed channel</b>			
Dimensions C channel WxL (mm)	1,080x4,200	-	<ul style="list-style-type: none"> <li>C channel with integrated pre-screening</li> </ul>
Dimensions FDR channel WxL (mm)	1,000x2,350	-	<ul style="list-style-type: none"> <li>FDR channel with separate pre-screen</li> </ul>
<b>Pre-screening</b>			
Upper deck WxL (mm)	1,090x2,600	-	<ul style="list-style-type: none"> <li>Upper deck optionally with round or slotted punch plate</li> </ul>
Lower deck LxW (mm)	1,670x1,080	-	<ul style="list-style-type: none"> <li>Blanking covers are available for both decks</li> </ul>
<b>Pre-screen side discharge conveyor</b>			Optional
Belt width (mm)	650	-	<ul style="list-style-type: none"> <li>Either connected or hinged versions</li> <li>Can be fitted on both sides</li> </ul>
<b>Jaw crusher</b>			
Crusher inlet WxL (mm)	1,120x680	-	<ul style="list-style-type: none"> <li>Highest quality materials for housing, arm and bearings</li> </ul>
Gap width (mm)	40 - 200	-	<ul style="list-style-type: none"> <li>High throughput thanks to optimal crushing chamber geometry</li> </ul>
<b>Crusher discharge conveyor</b>			
Belt width (mm)	1,400	-	<ul style="list-style-type: none"> <li>Crusher discharge conveyor designed with maximum width for optimal material flow</li> </ul>
<b>Ferrous metal discharge</b>			Optional
Magnetic conveyor	Cross discharge	Longitud. discharge	<ul style="list-style-type: none"> <li>Due to the innovative magnets in the longitudinal direction, the processing time for heavily steel-reinforced concrete can be reduced and the throughput increased. Malfunctions and belt damage are minimised</li> </ul>

### EQUIPMENT WITH FINAL SCREENING UNIT

These versions are available as an option for the GIGA version.

	Basic configuration	Optional configuration	Information
<b>Final screening unit****</b>			
Upper deck WxL (mm)	1,540x3,500	1,550x5,000	<ul style="list-style-type: none"> <li>Screening machine can be selected as 1-deck or 2-deck version</li> <li>GIGA final screening unit can be uncoupled and transported separately</li> </ul>
Lower deck WxL (mm) (optional)	-	1,550x4,500	
<b>Conveyor under screen</b>			
Belt width (mm)	1,400	1,400	<ul style="list-style-type: none"> <li>Can be folded mechanically or hydraulically</li> <li>Mechanism for combining fractions</li> </ul>
<b>Return conveyor</b>			
Belt width (mm)	650	-	<ul style="list-style-type: none"> <li>Can be swivelled and used as side discharge conveyor</li> </ul>
<b>Lower deck side discharge conveyor</b>			Optional
Belt width (mm)	650	-	<ul style="list-style-type: none"> <li>Connected, with reversing cross conveyor or banana conveyor</li> <li>Can be fitted on both sides</li> </ul>

GIPO B 1170



GIPO B 1170 GIGA



GIPO B 1170 GIGA



Ferrous mat. longitudinal discharge

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

### CONFIGURATION OPTIONS

<b>Feed</b>	<ul style="list-style-type: none"> <li>Manual or hydraulic hopper wall height increase</li> <li>Wearing lining</li> <li>Coarse pre-screening to reduce the load on the crusher</li> </ul>	<b>Final screening unit</b>	<ul style="list-style-type: none"> <li>Very wide range of screen covering options</li> <li>Screen deck combination for mixing fractions</li> </ul>
<b>Crushing unit</b>	<ul style="list-style-type: none"> <li>Crushing jaws for every application</li> <li>Overflow sensor</li> </ul>	<b>Air classifier</b>	<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 lower deck</li> </ul>
<b>Discharge channel</b>	<ul style="list-style-type: none"> <li>Discharge channel for the protection of the crusher discharge conveyor</li> </ul>	<b>Conveyor belts</b>	<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>
<b>Drive unit</b>	<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>	<b>Safety and working conditions</b>	<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>
<b>Ferrous metal discharge</b>	<ul style="list-style-type: none"> <li>Cross magnet, height adjustable</li> <li>Longitudinal magnet can be rotated and adjusted for height</li> </ul>	<b>Colour scheme and logos</b>	<ul style="list-style-type: none"> <li>Plant colour scheme as per customer wishes</li> <li>Plant logos</li> </ul>

\*\* The weights are indicative. They may vary from the information stated depending on the configuration.

\*\*\* The values stated in relation to the crushing performance, feed performance and feed material lump size are heavily dependent on the characteristics of the feed material (condition/abrasiveness, particle size distribution, portion of fine material, etc.), the required final particle size, optimal operation of the plant and feeding, as well as the correct adjustment of the plant.

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