

# GIPO B 1490

## POWERFUL PLANT FOR TOUGH APPLICATIONS



Whether in quarrying or the recycling sector, the GIPO B 1490 makes short work of every material – impressive in tough applications.

### TECHNICAL DATA

	B 1490	B 1490 GIGA
<b>Weight**</b>		
Operating weight (kg)	82,000 - 97,000	92,000 - 110,000
Transport weight, plant (kg)	68,000 - 90,000	-
Transport weight, plant without GIGA (kg)	-	68,000 - 90,000
Transport weight, final screening unit (kg)	-	10,000 - 13,000
<b>Power unit, drive</b>		
Drive power (kW)	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)***	710		<ul style="list-style-type: none"> <li>Robust design made of highly wear-resistant material</li> </ul>
Hopper volume (m³)	9	15	<ul style="list-style-type: none"> <li>Hydraulically lockable hinged walls</li> </ul>
<b>Feed channel</b>			
Dimensions C channel WxL (mm)	-	-	<ul style="list-style-type: none"> <li>C channel with integrated pre-screening</li> </ul>
Dimensions FDR channel WxL (mm)	1,190x2,400		<ul style="list-style-type: none"> <li>FDR channel with separate pre-screen</li> </ul>
<b>Pre-screening</b>			
Upper deck WxL (mm)	1,290x2,500	1,290x3,410	<ul style="list-style-type: none"> <li>Upper deck optionally with round or slotted punch plate</li> </ul>
Lower deck LxW (mm)	1,670x1,280	2x 1,180x1,280	<ul style="list-style-type: none"> <li>Blanking covers are available for both decks</li> </ul>
<b>Pre-screen side discharge conveyor</b>			
Belt width (mm)	650	1,000	<ul style="list-style-type: none"> <li>Optional</li> <li>Either connected or hinged versions</li> <li>Can be fitted on both sides</li> </ul>
<b>Jaw crusher</b>			
Crusher inlet WxL (mm)	1,330x900	-	<ul style="list-style-type: none"> <li>Highest quality materials for housing, arm and bearings</li> </ul>
Gap width (mm)	80 - 220	-	<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>			
Magnetic conveyor	Cross discharge	-	<ul style="list-style-type: none"> <li>Optional</li> <li>Discharge of ferrous metal with innovative adjustment system</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)	1,550x5,500	1,800x5,500	<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)	1,550x5,000	1,800x5,000	
<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>			
Belt width (mm)	650	-	<ul style="list-style-type: none"> <li>Optional</li> <li>Connected, with reversing cross conveyor or banana conveyor</li> <li>Can be fitted on both sides</li> </ul>

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

### CONFIGURATION OPTIONS

#### Feed

- Manual or hydraulic hopper wall height increase
- Wearing lining
- Feed apron conveyor
- Coarse pre-screening to reduce the load on the crusher

#### Crushing unit

- Crushing jaws for every application
- Hydraulic hammer
- Overflow sensor

#### Discharge channel

- Discharge channel for the protection of the crusher discharge conveyor

#### Drive unit

- Drive systems:
  - Diesel-hydraulic with direct drive for crusher
  - Electro-hydraulic with direct drive for crusher
  - Combined diesel / electrical-hydraulic
- Choice of various engine manufacturers

#### Ferrous metal discharge

- Cross magnet, height adjustable

#### Final screening unit

- Very wide range of screen covering options
- Blanking cover
- Screen deck combination for mixing fractions

#### Air classifier

- Powerful removal of unwanted material from oversize material
- Removal at screen outlet for small foreign particles on lower deck

#### Conveyor belts

- Hinged or connector systems for quick transport preparation
- Variable conveyor belt lengths
- Hoods and covers
- Measuring systems and belt scales
- Magnetic drums

#### Safety and working conditions

- Plant lighting
- Central lubrication
- Refuelling pump
- Water spraying and misting
- Radio remote controls
- Country-specific standards

#### Colour scheme and logos

- Plant colour scheme as per customer wishes
- Plant logos

\*\* 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.