

GIPO B 1290

THE PLANT FOR HARSH CONDITIONS: UNIQUE DURABILITY AND RELIABILITY



The powerful GIPO B 1290 shines in tougher applications with its robust design – proven engineering ingenuity fine-tuned to the optimum.

TECHNICAL DATA	B 1290	B 1290 GIGA
Weight**		
Operating weight (kg)	73,000 - 77,000	81,000 - 90,000
Transport weight, plant (kg)	73,000 - 77,000	-
Transport weight, plant without GIGA (kg)	-	71,000 - 80,000
Transport weight, final screening unit (kg)	-	8,000 - 10,000
Power unit, drive		
Drive power (kW)	Up to 350	Up to 430

CRUSHING PLANT EQUIPMENT

	Basic configuration	Optional configuration	Information
Feed hopper			
Feed perform. up to approx. (t/h)***	540		<ul style="list-style-type: none"> Robust design made of highly wear-resistant material
Hopper volume (m³)	8	-	<ul style="list-style-type: none"> Hydraulically lockable hinged walls
Feed channel			
Dimensions C channel WxL (mm)	-	-	<ul style="list-style-type: none"> C channel with integrated pre-screening
Dimensions FDR channel WxL (mm)	990x3,400		<ul style="list-style-type: none"> FDR channel with separate pre-screen
Pre-screening			
Upper deck WxL (mm)	1,090x2,600	-	<ul style="list-style-type: none"> Upper deck optionally with round or slotted punch plate
Lower deck LxW (mm)	1,671x1,080	-	<ul style="list-style-type: none"> Blanking covers are available for both decks
Pre-screen side discharge conveyor			Optional
Belt width (mm)	650	-	<ul style="list-style-type: none"> Either connected or hinged versions Can be fitted on both sides
Jaw crusher			
Crusher inlet WxL (mm)	1,130x900	-	<ul style="list-style-type: none"> Highest quality materials for housing, arm and bearings
Gap width (mm)	80 - 200	-	<ul style="list-style-type: none"> High throughput thanks to optimal crushing chamber geometry
Crusher discharge conveyor			
Belt width (mm)	1,200	-	<ul style="list-style-type: none"> Crusher discharge conveyor designed with maximum width for optimal material flow
Ferrous metal discharge			
Magnetic conveyor	Cross discharge	-	Optional <ul style="list-style-type: none"> Discharge of ferrous metal with innovative adjustment system

EQUIPMENT WITH FINAL SCREENING UNIT

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

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

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

CONFIGURATION OPTIONS

Feed	<ul style="list-style-type: none"> Manual or hydraulic hopper wall height increase Wearing lining Feed apron conveyor Coarse pre-screening to reduce the load on the crusher 	Final screening unit	<ul style="list-style-type: none"> Very wide range of screen covering options Blanking cover Screen deck combination for mixing fractions
Crushing unit	<ul style="list-style-type: none"> Crushing jaws for every application Hydraulic hammer Overflow sensor 	Air classifier	<ul style="list-style-type: none"> Powerful removal of unwanted material from oversize material Removal at screen outlet for small foreign particles on lower deck
Discharge channel	<ul style="list-style-type: none"> Discharge channel for the protection of the crusher discharge conveyor 	Conveyor belts	<ul style="list-style-type: none"> Hinged or connector systems for quick transport preparation Variable conveyor belt lengths Hoods and covers Measuring systems and belt scales Magnetic drums
Drive unit	<ul style="list-style-type: none"> Drive systems: <ul style="list-style-type: none"> Diesel-hydraulic with direct drive for crusher Electro-hydraulic with direct drive for crusher Combined diesel / electrical-hydraulic Choice of various engine manufacturers 	Safety and working conditions	<ul style="list-style-type: none"> Plant lighting Central lubrication Refuelling pump Water spraying and misting Radio remote controls Country-specific standards
Ferrous metal discharge	<ul style="list-style-type: none"> Cross magnet, height adjustable 	Colour scheme and logos	<ul style="list-style-type: none"> 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.