

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 |
|---|-----------------|------------------|
| Weight** | | |
| 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 |
| 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)*** | 710 | | <ul style="list-style-type: none"> Robust design made of highly wear-resistant material Hydraulically lockable hinged walls |
| Hopper volume (m³) | 9 | 15 | |
| Feed channel | | | |
| Dimensions C channel WxL (mm) | - | - | <ul style="list-style-type: none"> C channel with integrated pre-screening |
| Dimensions FDR channel WxL (mm) | 1,190x2,400 | | <ul style="list-style-type: none"> FDR channel with separate pre-screen |
| Pre-screening | | | |
| Upper deck WxL (mm) | 1,290x2,500 | 1,290x3,410 | <ul style="list-style-type: none"> Upper deck optionally with round or slotted punch plate Blanking covers are available for both decks |
| Lower deck LxW (mm) | 1,670x1,280 | 2 x 1,180x1,280 | |
| Pre-screen side discharge conveyor | | | Optional |
| Belt width (mm) | 650 | 1,000 | <ul style="list-style-type: none"> Either connected or hinged versions Can be fitted on both sides |
| Jaw crusher | | | |
| Crusher inlet WxL (mm) | 1,330x900 | - | <ul style="list-style-type: none"> Highest quality materials for housing, arm and bearings High throughput thanks to optimal crushing chamber geometry |
| Gap width (mm) | 80 - 220 | - | |
| Crusher discharge conveyor | | | |
| Belt width (mm) | 1,400 | - | <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) | 1,550x5,500 | 1,800x5,500 | <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) | 1,550x5,000 | 1,800x5,000 | |
| 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 attachment 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 labelling |

** 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.