

THE LARGEST PLANT IN OUR RANGE KEEPS ITS PROMISES



The heavyweight among our GIPO impact crushing plants has led the fleet for many years and offers an impressive throughput.

TECHNICAL DATA

P 170

P 170 KOMBI

Weight**	P 170	P 170 KOMBI
Operating weight (kg)	87,000 - 96,000	135,000 - 240,000
Transport weight, plant (kg)	82,000 - 90,000	74,000 - 90,000
Power unit, drive		
Drive power (kW)	Up to 566	Up to 746

CRUSHING PLANT EQUIPMENT

	Basic configuration	Optional configuration	Information
Feed hopper			
Feed perform. up to approx. (t/h)**	1,100		<ul style="list-style-type: none"> Robust design made of highly wear-resistant material Feed hopper can be enlarged with wall attachments for more volume
Feed material size max. WxHxL (mm)	900x1,000x1,500		<ul style="list-style-type: none"> Hydraulically lockable hinged walls
Hopper volume (m ³)	9	18	
Feed channel			
Dimensions C channel WxL (mm)	1,490x4,100	-	<ul style="list-style-type: none"> C channel with integrated pre-screening
Dimensions FDR channel WxL (mm)	1,500x2,350	1,520x3,400	<ul style="list-style-type: none"> FDR with separate pre-screen
Pre-screening			
Upper deck WxL (mm)	1,600x3,300	1,600x3,850	<ul style="list-style-type: none"> Standard design and extended version
Lower deck LxW (mm)	2x 1,180x1,580	2x 1,500x1,580	<ul style="list-style-type: none"> Upper deck with either round/slotted punch plate, grizzly bar or stepped punch plate Blanking covers are available for both decks
Pre-screen side discharge conveyor			
Belt width (mm)	1,200	1,200	Optional <ul style="list-style-type: none"> Either connected or hinged versions Can be fitted on both sides
Impact crusher			
Crusher inlet WxH (mm)	1,670x925 (*1,100)	-	<ul style="list-style-type: none"> *Size of crusher inlet can be increased hydraulically
Rotor diameter (mm)	1,300	1,400	<ul style="list-style-type: none"> Universal impact crusher with various equipment options
Discharge channel			
Dimensions WxL (mm)	1,730x2,550	-	<ul style="list-style-type: none"> No narrowing and constriction thanks to wide discharge
Thickness, base wearing plate (mm)	25	-	<ul style="list-style-type: none"> Base wearing plate designed for maximum durability
Crusher discharge conveyor			
Belt width (mm)	1,800	-	<ul style="list-style-type: none"> Crusher discharge conveyor designed with maximum width for optimal material flow
Ferrous metal discharge			
Magnetic conveyor	Cross discharge	Longitud. discharge	Optional <ul style="list-style-type: none"> 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

EQUIPMENT WITH FINAL SCREENING UNIT

These versions are included as standard on the KOMBI variant.

	Basic configuration	Optional configuration	Information
Final screening unit****			
Upper deck WxL (mm)	2,000x6,500	2,000x7,500	<ul style="list-style-type: none"> Screening machine can be selected as 1-deck, 2-deck or even as a 3-deck version GIGA final screening unit can be uncoupled and transported separately
Middle deck WxL (mm) (optional)	2,000x6,000	2,000x7,000	
Lower deck WxL (mm) (optional)		2,000x7,000	
Conveyor under screen			
Belt width (mm)	1,600	-	<ul style="list-style-type: none"> Can be folded mechanically or hydraulically
Return conveyor			
Belt width (mm)	800	-	<ul style="list-style-type: none"> Can be swivelled and used as side discharge conveyor
Side discharge conveyor, middle and lower deck			
Belt width (mm)	650	800	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 Roller grizzly 	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 adjusting mechanism for processing chippings Impact bars for every application Open or closed rotor Swivelling crane for impact bar replacement Hydraulic pin locking 	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 middle and lower deck
Drive unit	<ul style="list-style-type: none"> Drive systems: <ul style="list-style-type: none"> Diesel-hydraulic Diesel-hydraulic with direct drive for crusher Electro-hydraulic with direct drive for crusher Combined diesel / electrical-hydraulic Choice of various engine manufacturers 	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
Ferrous metal discharge	<ul style="list-style-type: none"> Cross magnet, height adjustable Longitudinal magnet can be rotated and adjusted for height 	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
		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.