

# **SWISS POWER**

MOBILE VERTICAL IMPACT
CRUSHING PLANTS
PRODUCT RANGE





# MOBILE VERTICAL IMPACT CRUSHING PLANTS LIMITLESS VARIETY

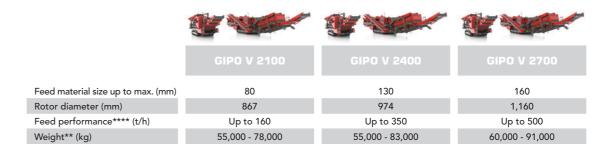
GIPO AG is setting new standards also in the chippings and crushed sand manufacturing sector with the incorporation of the Magotteaux vertical impact crusher. The fully mobile processing plant combines the proven GIPO KOMBI or GIGA system consisting of feed unit, final screening machine and integrated oversize material return, with a Magotteaux vertical impact crusher MAG'Impact. Various fractions of premium chippings with the best cubicity can be produced using these plants.

The range of customer-specific options is varied and almost unlimited. Whether additional feed channel or pre-screening: the plant is adapted to your needs. You can choose between a conventional diesel engine, an electrical drive system or even a combined drive system.



# **PRODUCT OVERVIEW**

## **PRODUCTS**



## **APPLICATION AREAS**



## **GIPO V WITH DOWNSTREAM SCREENING MACHINE**

The GIPO V can be used as an upstream plant.



#### **GIPO V GIGA / GIPO V KOMBI**

The GIPO V GIGA / GIPO V KOMBI provides the perfect combination of refining and flexibility.



#### **GIPO V IN THE ASPHALT SECTOR**

The GIPO V GIGA / KOMBI has proven to be a straightforward, robust and cost-effective processing plant in the asphalt sector.

\*\*\*\* Throughput for end products. Is not the same as the feed performance.

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

# PROVEN DURING THE RECYCLING OF **ASPHALT – UNIQUE GIPO TECHNOLOGY**



TECHNICAL DATA	V 2100	V 2100 GIGA	V 2100 KOMBI
Weight**			
Operating weight (kg)	50,000 - 55,000	76,000 - 80,000	76,000 - 80,000
Transport weight, plant (kg)	50,000 - 55,000	74,000 - 78,000	70,000 - 74,000
Transport weight, plant without GIGA (kg)	-	58,000 - 60,000	-
Transport weight, final screening unit (kg)	-	13,000 - 18,000	-
Power unit, drive			
Drive power (kW)	Up to 430	Up to 430	Up to 430

#### **CRUSHING PLANT EQUIPMENT**

5 11	Basic configuration	Optional configuration	Information
Feed hopper			
Feed perform. up to approx. (t/h)***	Up to 160		<ul> <li>Robust design made of highly wear-resistant material</li> </ul>
Feed material size max. (mm)	80		<ul> <li>Feed hopper can be enlarged with wall attachments for more volume</li> </ul>
Hopper volume (m³)	3	7*	Hydraulically lockable hinged walls
			*Larger capacity thanks to feed channel
Feed conveyor			
Belt width (mm)	1,200		<ul> <li>Continuous loading and material distribution</li> </ul>
			Dosing flap for controlled material flow
Vertical impact crusher			
Inlet opening ø (mm)	1,050	-	Low maintenance effort
Rotor diameter (mm)	867	-	End products of the highest quality
Crusher discharge conveyor			
Belt width (mm)	1,200	-	Crusher discharge conveyor designed with maximum width for optimal material flow

#### **EQUIPMENT WITH FINAL SCREENING UNIT**

These items are available as an option for the GIGA version; they are included as standard on the KOMBI variant.

	Basic configuration	Optional configura- tion GIGA	Optional configura- tion KOMBI		Information
Final screening unit****					
Upper deck WxL (mm)	1,800x5,500	1,800x6,500	2,000x5,500	•	Screening machine can be selected as 1-deck, 2-deck
Middle deck WxL (mm) (optional)	1,800x5,000	1,800x6,000	2,000x5,000		or even as a 3-deck version
Lower deck WxL (mm) (optional)	1,800x5,000	1,800x6,000	2,000x5,000	•	GIGA final screening unit can be transported separately
Conveyor under screen					
Belt width (mm)	1,400	1,400	1,600	•	Can be folded mechanically or hydraulically
				•	Mechanism for combining fractions
Return conveyor					
Belt width (mm)	650	-	Can be swivell	ed ar	nd used as side discharge conveyor
Side discharge conveyor, middle	and lower deck		Optional		
Belt width (mm)	650	-	Connected, with reversing cross conveyor or banana conveyor		
			Can be fitted on both sides		











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

#### **CONFIGURATION OPTIONS**

#### Feed

- Feed channel
- Pre-screening

#### Ferrous metal discharge

- Cross magnet, height adjustable
- Metal detector

- Table and impact plates for every application
- Swivelling crane for impact bar replacement

#### 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

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

- 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



 $<sup>\</sup>hbox{$^{**}$ The weights are indicative. They may vary from the information stated depending on the configuration.}$ 

<sup>\*\*\*</sup> 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.

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

# GIPO

# THE SOLUTION FOR UNIVERSAL GRAVEL **PROCESSING – THE PERFECT UNIT FOR MEDIUM FEED QUANTITIES**



TECHNICAL DATA	V 2400	V 2400 GIGA	V 2400 KOMBI
Weight**			
Operating weight (kg)	55,000 - 60,000	81,000 - 85,000	81,000 - 87,000
Transport weight, plant (kg)	55,000 - 60,000	79,000 - 83,000	75,000 - 80,000
Transport weight, plant without GIGA (kg)	-	62,000 - 65,000	-
Transport weight, final screening unit (kg)	-	13,000 - 18,000	-
Power unit, drive			
Drive power (kW)	Up to 450	Up to 450	Up to 450

# **CRUSHING PLANT EQUIPMENT**

	Basic configuration	Optional configuration	Information
Feed hopper			
Feed perform. up to approx. (t/h)***	Up to 350		<ul> <li>Robust design made of highly wear-resistant material</li> </ul>
Feed material size max. (mm)	130		Feed hopper can be enlarged with wall attachments for more volume
Hopper volume (m³)	3	7*	Hydraulically lockable hinged walls
			*Larger capacity thanks to feed channel
Feed conveyor			
Belt width (mm)	1,200		<ul> <li>Continuous loading and material distribution</li> </ul>
			Dosing flap for controlled material flow
Vertical impact crusher			
Inlet opening ø (mm)	1,050	-	Low maintenance effort
Rotor diameter (mm)	974	-	End products of the highest quality
Crusher discharge conveyor			
Belt width (mm)	1,400	-	Crusher discharge conveyor designed with maximum width for optimal material flow.

#### **EQUIPMENT WITH FINAL SCREENING UNIT**

These items are available as an option for the GIGA version; they are included as standard on the KOMBI variant.

	Basic configuration	Optional configura- tion GIGA	Optional configura- tion KOMBI		Information
Final screening unit****					
Upper deck WxL (mm)	1,800x5,500	1,800x6,500	2,000x5,500	•	Screening machine can be selected as 1-deck, 2-deck
Middle deck WxL (mm) (optional)	1,800x5,000	1,800x6,000	2,000x5,000		or even as a 3-deck version
Lower deck WxL (mm) (optional)	1,800x5,000	1,800x6,000	2,000x5,000	•	GIGA final screening unit can be transported separately
Conveyor under screen					
Belt width (mm)	1,400	1,400	1,600	•	Can be folded mechanically or hydraulically
				•	Mechanism for combining fractions
Return conveyor					
Belt width (mm)	650	-	Can be swivel	led an	nd used as side discharge conveyor
Side discharge conveyor, middle	and lower deck		Optional		
Belt width (mm)	650	-	Connected, with reversing cross conveyor or banana conveyor		
			Can be fitted on both sides		









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

#### **CONFIGURATION OPTIONS**

#### Feed

- Feed channel
- Pre-screening

#### Ferrous metal discharge

- Cross magnet, height adjustable
- Metal detector

- Table and impact plates for every application
- Swivelling crane for impact bar replacement
- Overload sensor

# 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

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

- 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



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# 0/ GIPO

# THE IDEAL PLANT FOR PROCESSING **CHIPPINGS IN QUARRYING – CAN BE USED AS SECONDARY PLANT WITH HIGH THROUGHPUT**



TECHNICAL DATA	V 2700	V 2700 GIGA	V 2700 KOMBI
Weight**			
Operating weight (kg)	60,000 - 65,000	85,000 - 93,000	85,000 - 93,000
Transport weight, plant (kg)	60,000 - 65,000	83,000 - 91,000	78,000 - 86,000
Transport weight, plant without GIGA (kg)	-	67,000 - 70,000	-
Transport weight, final screening unit (kg)	-	13,000 - 18,000	-
Power unit, drive			
Drive power (kW)	Up to 560	Up to 560	Up to 560

Drive power (kw)	Upt	0 560	Up to 560	Up to 560	
CRUSHING PLANT EQUIPME	NT				
	Basic configuration	Optional configuration		Information	
Feed hopper					
Feed perform. up to approx. (t/h)***	Up to 500		• Robus	t design made of highly wear-resistant mat	erial
Feed material size max. (mm)	160			nopper can be enlarged with wall attachme	nts for more vo
Hopper volume (m³)	3	7*	<ul> <li>Hydrau</li> </ul>	ulically lockable hinged walls	

Feed hopper			
Feed perform. up to approx. (t/h)***	Up to 500		Robust design made of highly wear-resistant material
Feed material size max. (mm)	160		Feed hopper can be enlarged with wall attachments for more volume
Hopper volume (m³)	3	7*	Hydraulically lockable hinged walls
			<ul> <li>*Larger capacity thanks to feed channel</li> </ul>
Feed conveyor			
Belt width (mm)	1,200		<ul> <li>Continuous loading and material distribution</li> </ul>
			Dosing flap for controlled material flow
Vertical impact crusher			
Inlet opening ø (mm)	1,260	-	Low maintenance effort
Rotor diameter (mm)	1,160	-	End products of the highest quality
Crusher discharge conveyor			
Belt width (mm)	1,600	-	Crusher discharge conveyor designed with maximum width for optimal

material flow

#### **EQUIPMENT WITH FINAL SCREENING UNIT**

These items are available as an option for the GIGA version; they are included as standard on the KOMBI variant.

	Basic configuration	Optional configura- tion GIGA	Optional configura- tion KOMBI		Information
Final screening unit****					
Upper deck WxL (mm)	1,800x5,500	1,800x6,500	2,000x5,500	•	Screening machine can be selected as 1-deck, 2-deck
Middle deck WxL (mm) (optional)	1,800x5,000	1,800x6,000	2,000x5,000		or even as a 3-deck version
Lower deck WxL (mm) (optional)	1,800x5,000	1,800x6,000	2,000x5,000	•	GIGA final screening unit can be transported separately
Conveyor under screen					
Belt width (mm)	1,400	1,400	1,600	•	Can be folded mechanically or hydraulically
				•	Mechanism for combining fractions
Return conveyor					
Belt width (mm)	650	-	Can be swivel	led an	d used as side discharge conveyor
Side discharge conveyor, middle	and lower deck		Optional		
Belt width (mm)	650	-	Connected, with reversing cross conveyor or banana conveyor		
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Industriegebiet See, Zone C Kohlplatzstrasse 15 CH-6462 Seedorf

T +41 41 874 81 10 info@gipo.ch www.gipo.ch Schweiz / Switzerland / Suisse





Figures and text are for information only and may include options. Subject to technical change. Performance data are dependent on the application conditions.