

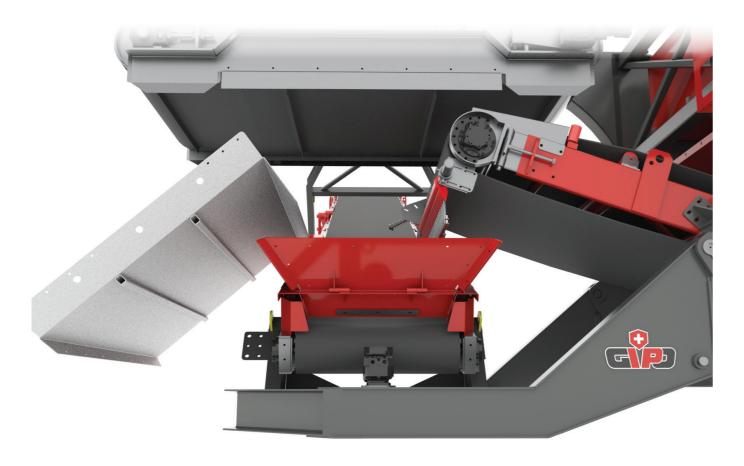
#### **SWISS POWER**

MOBILE IMPACT CRUSHING PLANTS
LONGITUDINAL FERROUS METAL
DISCHARGE AND ROTATING CONVEYOR
PRODUCT RANGE



## MOBILE IMPACT CRUSHING PLANTS WITH LONGITUDINAL FERROUS METAL DISCHARGE AND ROTATING CONVEYOR LIMITLESS VARIETY

The GIPO impact crushing plant with longitudinal ferrous metal discharge and rotating conveyor is specially designed for use with heavily steel-reinforced concrete. In particular, it is possible to process railway sleepers using this plant. From the feed hopper, through the crusher inlet, to the crusher outlet, the plant is designed for maximum opening height and width. Interfering edges have been eliminated even more efficiently so that the ferrous material cannot jam. The wide crusher discharge conveyor means the large magnets can separate the ferrous metal even more easily in the longitudinal direction.

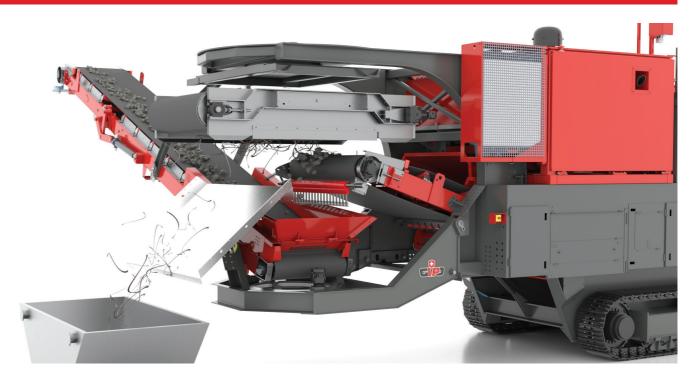


### **PRODUCT OVERVIEW**

#### **PRODUCTS**

	GIPO P 131	GIPO P 130	GIPO P 150	GIPO P 170
Feed material size up to max. (mm)	900x800x1,100	900x900x1,100	900x1,000x1,300	900x1,000x1,700
Crusher inlet WxH (mm)	1,270x800 (*920)	1,270x925 (*1,100)	1,500x925 (*1,100)	1,670x925 (*1,100)
Feed performance*** (t/h)	Up to 500	Up to 600	Up to 800	Up to 1,100
Weight** (kg)	58,000 - 65,000	70,000 – 78,000	80,000 – 90,000	90,000 – 110,000

#### CONCEPT



#### MAGNETIC CONVEYOR, LONGITUDINAL DISCHARGE WITH ROTATING CONVEYOR

The efficient ferrous metal discharge system in the longitudinal direction allows even more effective separation of pieces of ferrous metal. Using this process, the pieces to be separated out can be recovered even more easily, which guarantees the highest possible ferrous metal discharge. This feature has a positive effect particularly in the recycling sector. The ferrous metal discharged is then transported with the aid of the bespoke chromium steel slides to a heap or a container.

SWISS POWER

<sup>\*</sup> Inlet opening enlarged hydraulically

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

<sup>\*\*\*</sup> Throughput for end products. Is not the same as the feed performance.

# LONGITUDINAL FERROUS METAL DISCHARGE AND ROTATING CONVEYOR

#### THE "CROCODILE" MUNCHES THROUGH EVERY MATERIAL – EVEN WITH OVERLENGTH. THE RESULT IS A CLEANLY SEPARATED END PRODUCT



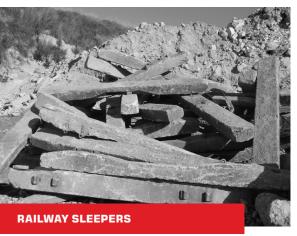
TECHNICAL DATA	P 131	P 130	P 150	P 170
Weight**				
Operating weight (kg)	60,000 – 67,000	70,000 – 78,000	80,000 – 90,000	90,000 – 110,000
Transport weight, plant (kg)	58,000 – 65,000	68,000 – 75,000	78,000 – 87,000	Up to 90,000
Power unit, drive				
Drive power (kW)	Up to 350	Up to 430	Up to 430	Up to 560

	V=20001 AU 22			
CRUSHING PLANT EQUIPMENT	– VERSION ML DB			
Feed hopper				
Feed perform. up to approx. (t/h)***	500	600	800	1,100
Feed material size max. WxHxL (mm)	900x800x1,100 (2,500)	600x900x1,000 (2,500)	900x1,000x1,300 (2,500)	900x1,000x1,500 (2,500)
Hopper volume (m³)	6	6	8	9
Feed channel				
Dimensions C channel WxL (mm)	1,180x4,100	1,180x4,100	1,400x4,100	-
Dimensions FDR channel WxL (mm)	1,200x2,400	1,200x2,400	1,320x2,400	1,500x2,350
Pre-screen	Optional	Optional	Optional	Optional
Upper deck WxL (mm)	1,200x3,160	1,200x3,160	1,430x3,160	1,600x3,300
Lower deck LxW (mm)	2x 1,250x1,180	2x 1,250x1,180	2 x 1,250x1,410	2x 1,180x1,580
Roller grizzly side discharge conveyor	Optional	Optional	Optional	Optional
Belt width (mm)	1,000	1,000	1,000	1,000
Impact crusher				
Crusher inlet WxH (mm)	1,270x800 (*920)	1,270x925 (*1,100)	1,500x925 (*1,100)	1,670x925 (*1,100)
Rotor diameter (mm)	1,200	1,300	1,300	1,300 (1,400)
Discharge channel				
Dimensions WxL (mm)	1,330x2,350	1,330x2,350	1,560x2,550	1,730x2,550
Thickness, base wearing plate (mm)	25+15	25+15	25+10	25
Crusher discharge conveyor				
Belt width (mm)	1,400	1,600	1,600	1,800 (up to 2,200)
Magnetic conveyor				
Belt width (mm)	1,500	1,500	1,500 (1,600)	1,600 (2,200)
Rotating conveyor				
Belt width (mm)	1,000	1,000	1,000	1,200









#### **CONFIGURATION OPTIONS**

#### Feed

- Manual or hydraulic hopper wall height increase
- Wearing lining

#### Crushing unit

- Crushing adjusting mechanism for processing chippings
- Impact bars for every application
- Open or closed rotor
- Swivelling crane for impact bar replacement
- Hydraulic pin locking
- Enlarged crusher inlet

#### 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

#### 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



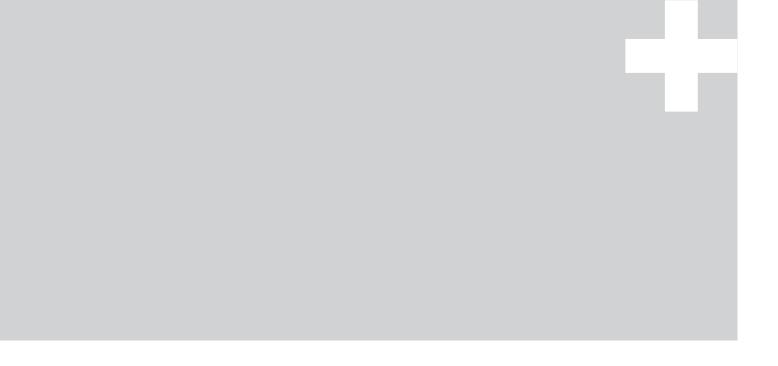
SWISS POWER

<sup>\*</sup> Hydraulically enlarged crusher inlet

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







Industriegebiet See, Zone C Kohlplatzstrasse 15 CH-6462 Seedorf

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



