

SWISS POWER



MOBILE IMPACT CRUSHING PLANTS





PRODUCTS + THAT MOVE MOUNTAINS

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IMPACT CRUSHING PLANTS – PROVEN STRENGTH

GIPO impact crushing plants are of universal application. The performance, the proven technology and the ease of operation impress. The GIPO impact mills form the heart of the plants with two hydraulically adjustable impact arms, the crusher discharge with opening in the direction of material flow with particularly robust discharge channel and the proven drive concept. With the continuous regulation of the speeds, it is possible to adjust directly the crushed material and the plant performance. As on all GIPO plants, blockages are prevented by the proven material flow concept; the internal width of conveying elements increases in the material flow direction.



GIPO P GIGA



GIPO P GIGA
WITH LONGITUDINAL FERROUS
METAL DISCHARGE

EVOLUTION PROCESS



GIPO P



GIPO P KOMBI



GIPO P KOMBI
WITH LONGITUDINAL FERROUS
METAL DISCHARGE

HOW IT ALL BEGAN

What began in 1973 with the establishment of a mechanical workshop, developed with the design and manufacture of the world's first fully hydraulic tracked crusher in 1982 into the current success story. We set new standards time and again, particularly in the field of mobile crushing – with unmatched performance and reliability.



The GIPO P-series impresses with a broad range of proven plants. From the smallest GIPO P 090 with a weight of approx. 29 metric tons to the largest GIPO P 170 with a weight of more than 100 metric tons, every customer can find their optimal plant size. The variety of customer-specific options is unique and everything is in the usual Swiss quality.

GIPO P



The base models in the GIPO P GIGA series P 90 to P 170 can be expanded with a single or multi-deck final screening unit. The crushed end product can be screened and a qualified final particle size produced using these enhanced impact crushing plants. The base models can be expanded as required and can also be transported and operated with or without the screening machine.

GIPO P GIGA



The GIPO P KOMBI series is a proven guarantor for maximum performance and a clear industry leader for the harshest applications with an hourly performance of up to 1,100 metric tons. The plants are versatile and can be used in all mineral processing sectors. A special feature is the robust, permanently installed screening unit, which ensures durability and reliability.

GIPO P KOMBI



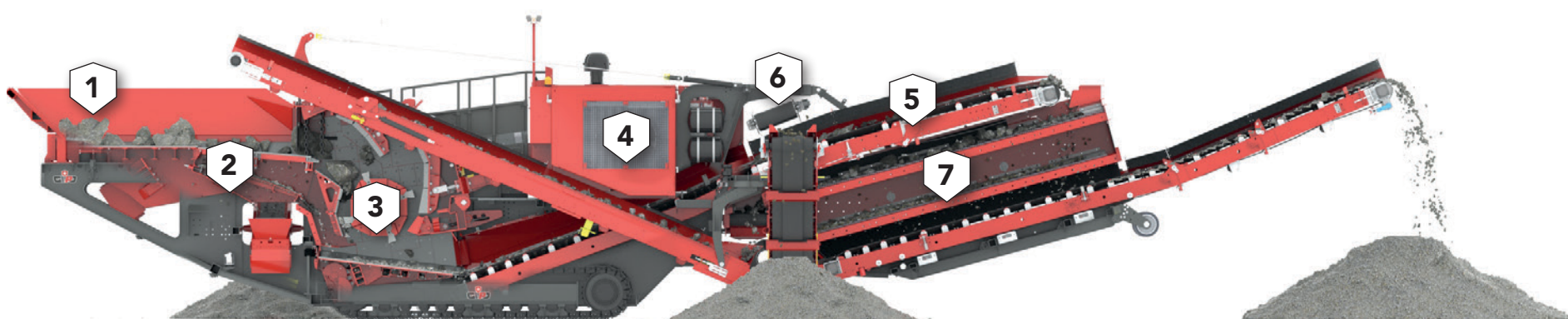
GIPO P (K - D)

K = COMPACT FEED CHANNEL
D = DIESEL DRIVE

FROM THE BASE MODEL TO THE FULLY EQUIPPED VERSION

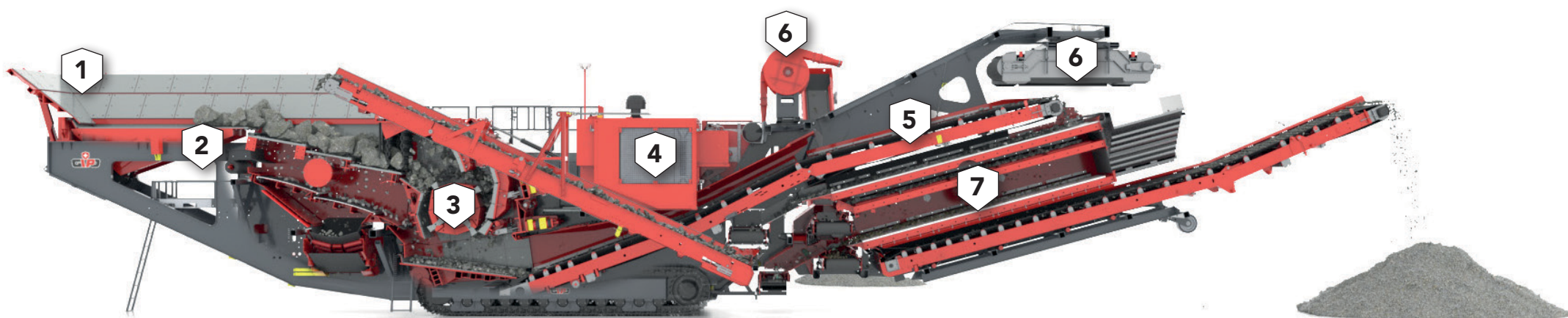
Our GIPO plants stand for Swiss precision, performance and versatility. From the base model to the bespoke overall concept, we offer innovative technologies that are precisely tailored to your requirements.

Discover our bespoke solutions for your project!



GIPO P GIGA (2-DECK) (K - D - MQ) /
GIPO P KOMBI (2-DECK) (K - D - MQ)

K = COMPACT FEED CHANNEL
D = DIESEL DRIVE
MQ = CROSS FERROUS METAL DISCHARGE



GIPO P GIGA (3-DECK) (VS - D - WS - ML) /
GIPO P KOMBI (3-DECK) (VS - D - WS - ML)

VS = PRE-SCREENING MACHINE
D = DIESEL DRIVE
WS = AIR CLASSIFICATION
ML = LONGITUDINAL FERROUS METAL DISCHARGE

1 FEED UNIT

The feed unit ensures efficient loading of the plant and smooth material flow.

2 PRE-SCREENING

Pre-screening separates fine portions from the material flow at an early stage and thus optimises the subsequent processes.

3 CRUSHING UNIT

The crushing unit is the heart of the plant and ensures high-performance crushing of the material.

4 POWERPACK

The high-performance powerpack supplies the energy required for reliable, efficient plant operation.

5 CONVEYOR BELTS

The conveyor belts transport the material between the processing units and ensure that the material is reliably deposited on the heap.

6 MATERIAL REFINEMENT

GIPOSORT technology removes light material using the air classifier and pieces of metal using the magnetic conveyor – for a purer end product.

7 FINAL SCREENING UNIT

The final screening unit ensures that the end product has the required quality and particle size.

APPLICATIONS FOR MOBILE IMPACT CRUSHING PLANTS

The broad spectrum of the GIPO fleet covers every need in the crushing, screening and recycling sector. With the universal impact crusher as the heart of the machine and numerous optional and expansion components, every plant can be equipped appropriately for its application. Whether for crushing hard natural stone, heavily steel-reinforced concrete or even mixed, contaminated building rubble, GIPO offers the optimal solution.



WE RECYCLE

- Lower CO₂ emissions (transport distances/thermal processing)
- Saving of natural resources
- Less waste
- Closed loop



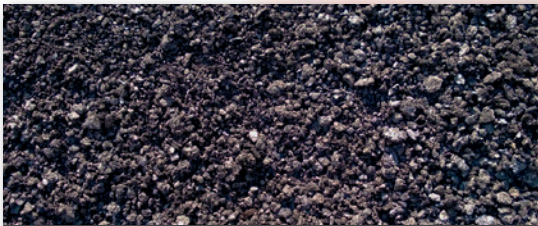
WE CRUSH

- Universal, reliable application
- High performance
- High quality and very robust
- Cost-effective drive systems
- Durable and easy to service



WE SCREEN

- Varied application area
- Maximum throughput due to large screen areas
- High quality, up to 3 decks
- Optimal accessibility
- Straightforward servicing



ASPHALT



BUILDING RUBBLE



NATURAL STONE



STEEL-REINFORCED CONCRETE

Crushing, along with sorting, is an essential step in the processing and recycling sector. Here GIPO plants achieve impressive results, even under the harshest conditions. The area of applications is almost unlimited and ranges from classic natural stone processing to the recycling of different materials.



USAGE IN
EXTREME
TEMPERATURES FROM
-50°C TO +50°C

The GIPO plants provide reliable results not just in icy cold, but also in extreme heat.

FROM THE IDEA TO THE
IMPLEMENTATION –
FLEXIBLY DESIGNED,
COLLABORATIVELY TAILORED.



INNOVATIONS ARE THE RESULT OF COLLABORATION –
BE PART OF THE PROCESS!

GIPOFLEX

IDEA AND
CUSTOMER DIALOGUE



PRE-PROJECT PLANNING
AND AGREEMENT



PLANNING
AND PRODUCTION

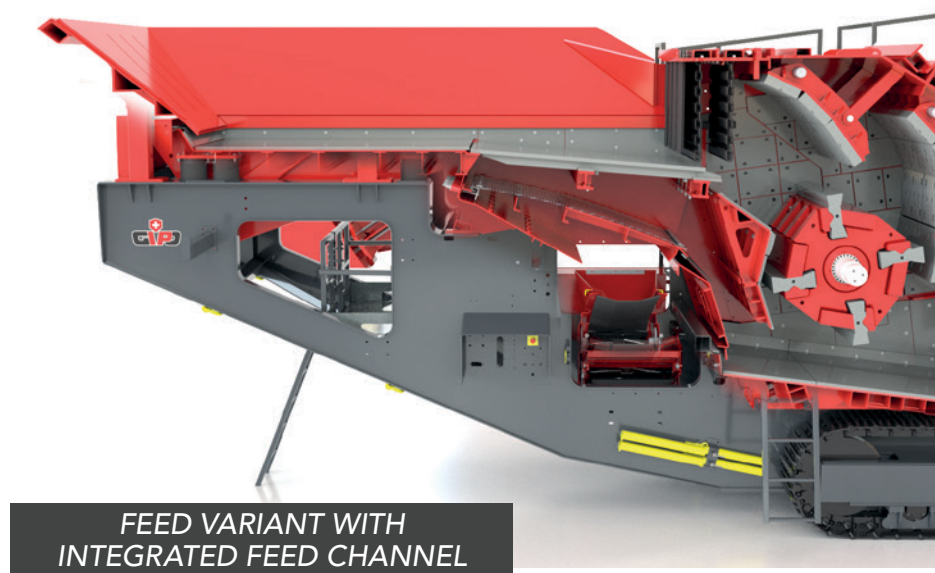


DELIVERY
AND COMMISSIONING

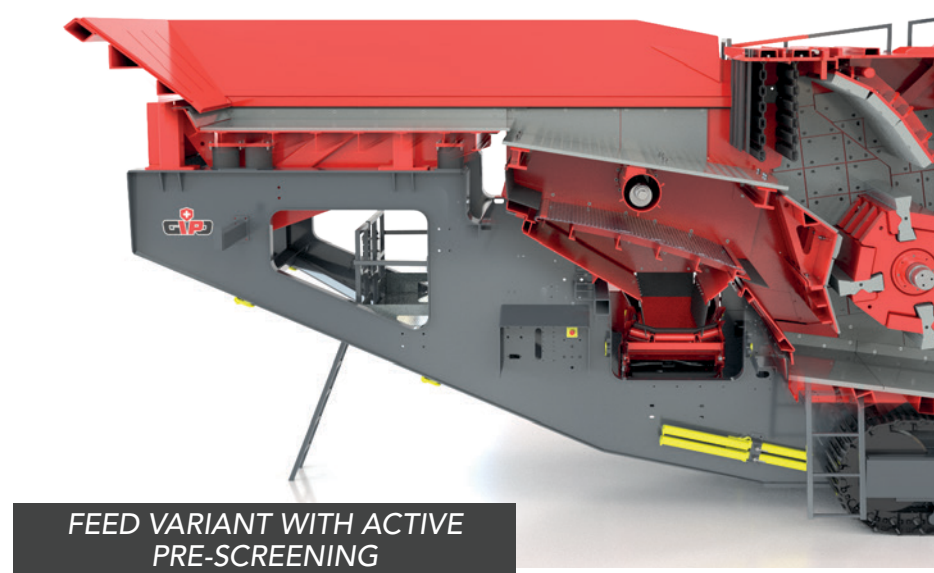


CUSTOMER SUPPORT
AND AFTERSALES SERVICE

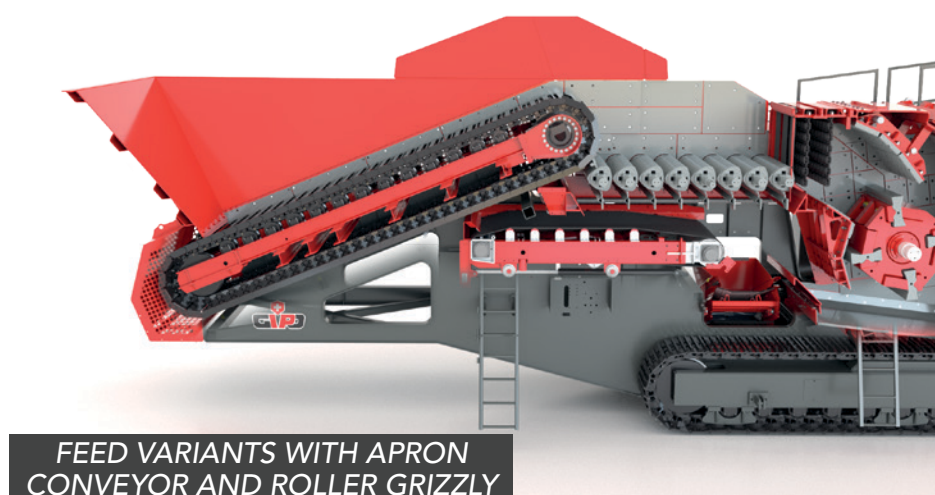




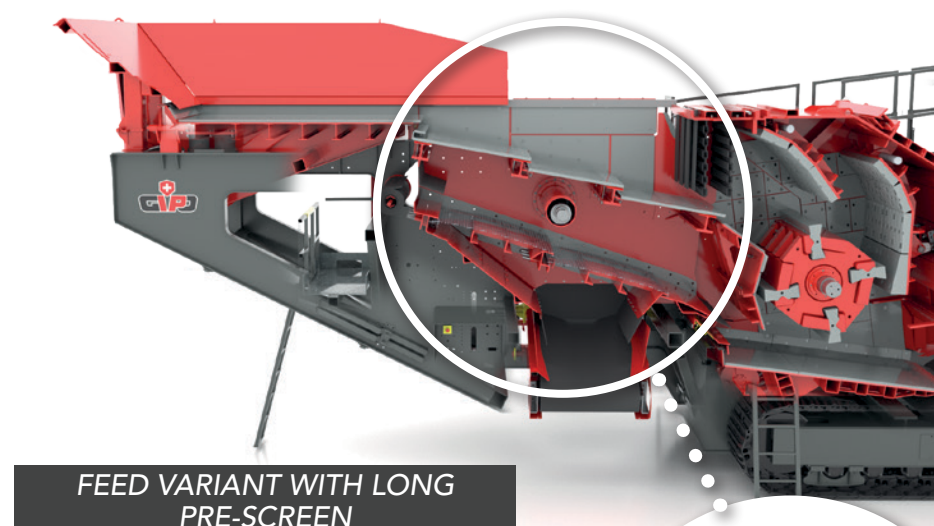
FEED VARIANT WITH
INTEGRATED FEED CHANNEL



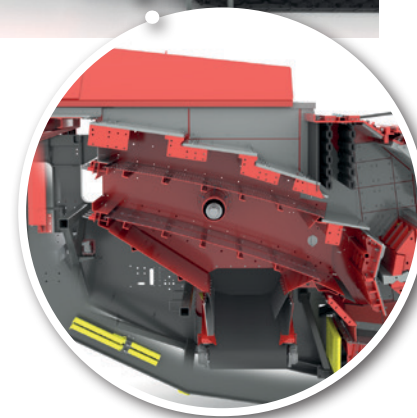
FEED VARIANT WITH ACTIVE
PRE-SCREENING



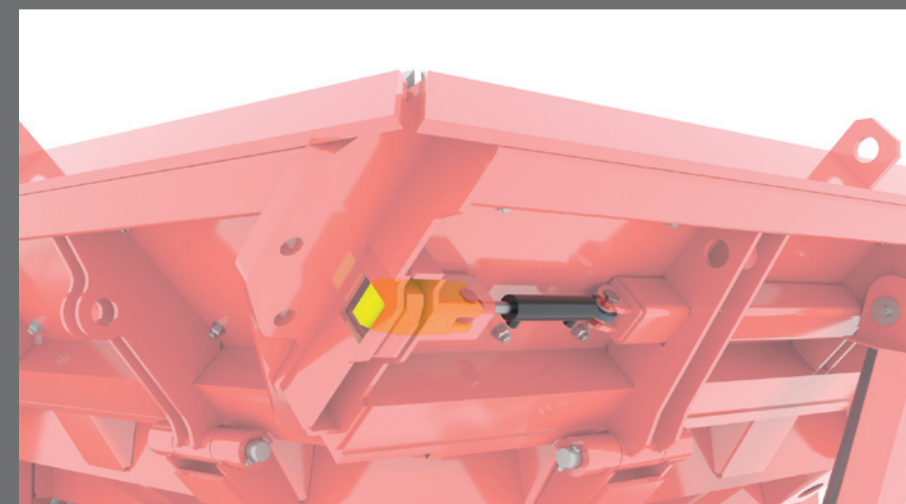
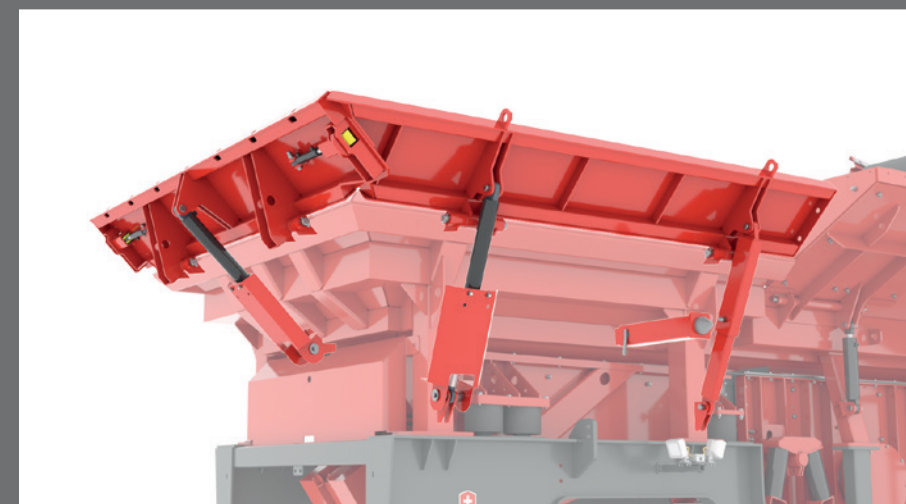
FEED VARIANTS WITH APRON
CONVEYOR AND ROLLER GRIZZLY



FEED VARIANT WITH LONG
PRE-SCREEN



FEED VARIANT WITH STEPPED
PRE-SCREEN (3-DECK)



MATERIAL FEED AND PRE-SEPARATION

Our broad spectrum of material feed and pre-separation variants covers all application areas. It is our goal to offer the customer the most efficient solution.

- Feed channel with integrated pre-screening
- Feed channel with active pre-screening
- Stepped pre-screening
- Apron conveyor with roller grizzly

FEED HOPPER VERSIONS

The feed hopper is designed to suit the application and loading vehicle. The welded construction made of sturdy wearing plates can be extended to increase the height or screwed wearing linings added. These items can be folded in hydraulically to the required height for transport.

IMPACT CRUSHER

Reliability and performance are the top priorities at GIPO AG. Thanks to our many years of experience, we are able to continually improve and further develop the GIPO impact crusher so it is even more efficient. Our impact crushers are extremely easy to use due to the following characteristics: the adjustment of the crushing gap opening is hydraulic and can be undertaken in the shortest possible time. Inspection doors are fitted to the crusher housing for monitoring the interior of the crusher. The hydraulic opening of the housing also means that the impact bars, the impact plates and all other wearing parts can be replaced quickly without problems.

GIPO AG offers various impact rotor designs to enable processing of all feed materials as efficiently as possible. Along with the standard products listed, on request we can also manufacture bespoke designs.



UNRESTRICTED MATERIAL
DISCHARGE DUE TO
PARTICULARLY
LARGE
CRUSHER OUTLET

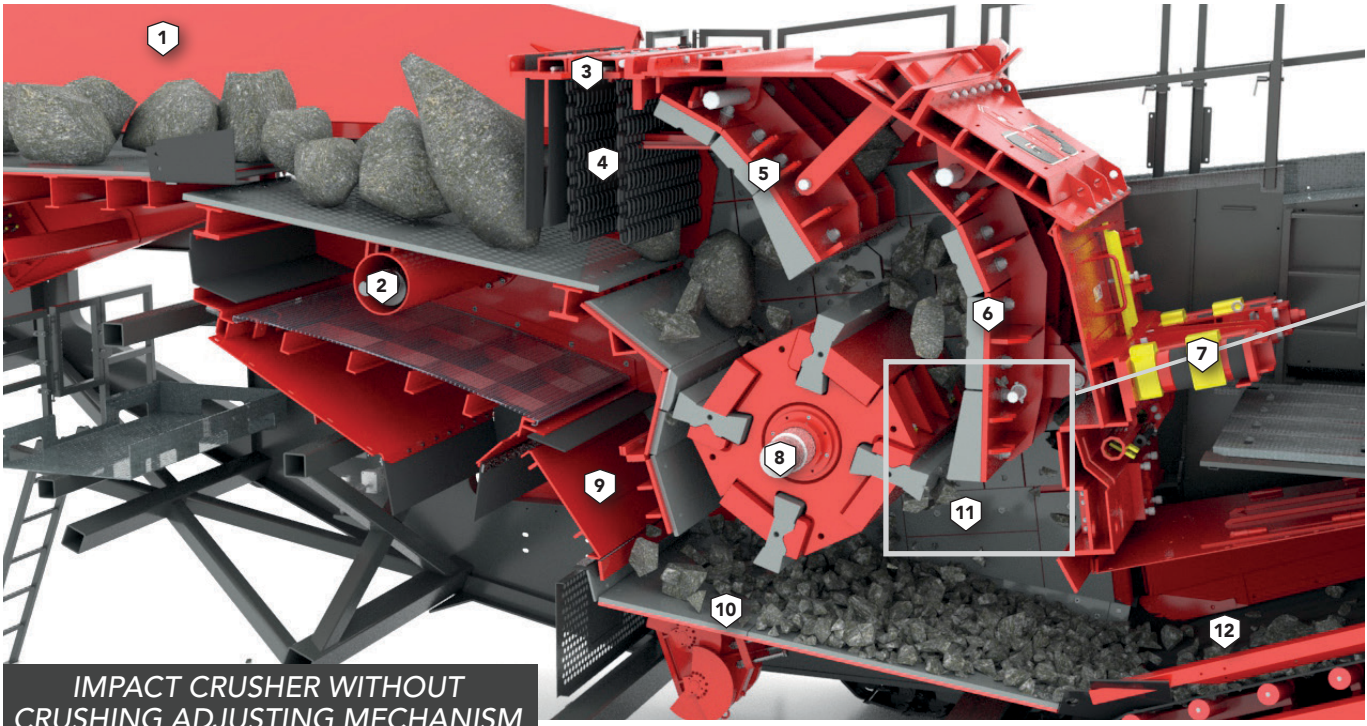


FOR FURTHER INFORMATION,
SEE MANUFACTURER'S WEB SITE



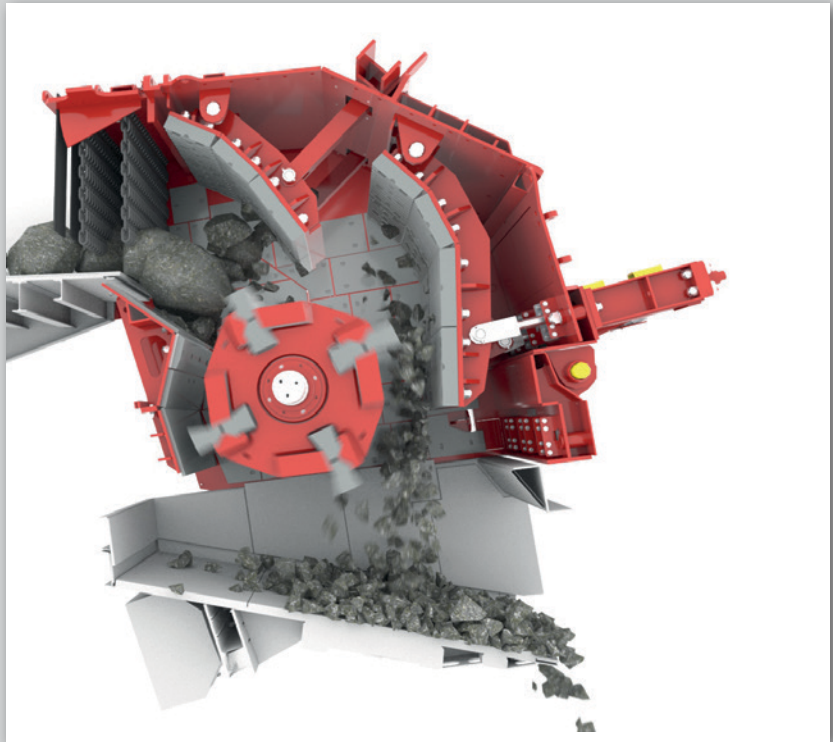
CRUSHER OUTLET

- P 090
- P 101
- P 100
- P 111
- P 131
- P 130
- P 150
- P 170



IMPACT CRUSHER WITHOUT
CRUSHING ADJUSTING MECHANISM

1. Feed hopper
2. Pre-screen
3. Chain cover
4. Chain curtain
5. Top impact arm
6. Bottom impact arm
7. Gap adjustment
8. Impact rotor
9. Bypass box
10. Discharge channel
11. Crushing adjusting mechanism
12. Crusher discharge conveyor



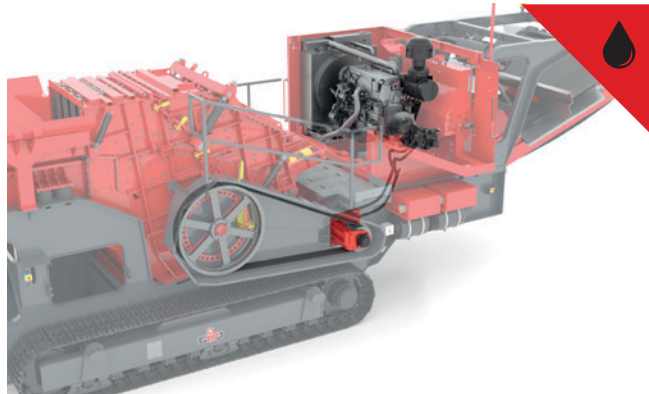
CRUSHING ADJUSTING
MECHANISM

The degree of crushing is further optimised by the installation of the crushing adjusting mechanism.



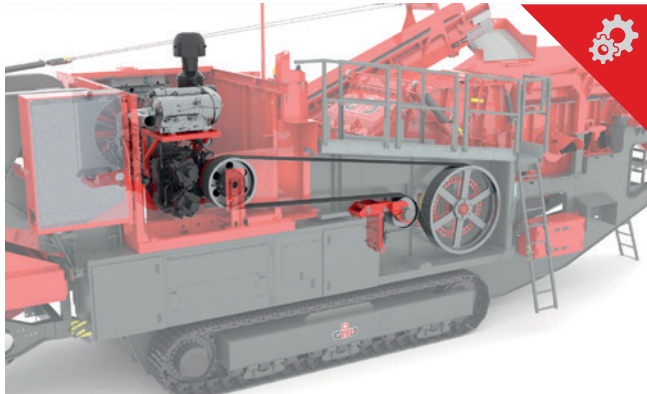
DRIVE TECHNOLOGY

The right drive technology for every application – this has been our motivation for many years. There are many ways to a sustainable future. For this reason, GIPO AG has set itself the goal of continuously searching for more efficient, more environmentally friendly types of drive and adapting existing technology to the state-of-the-art.



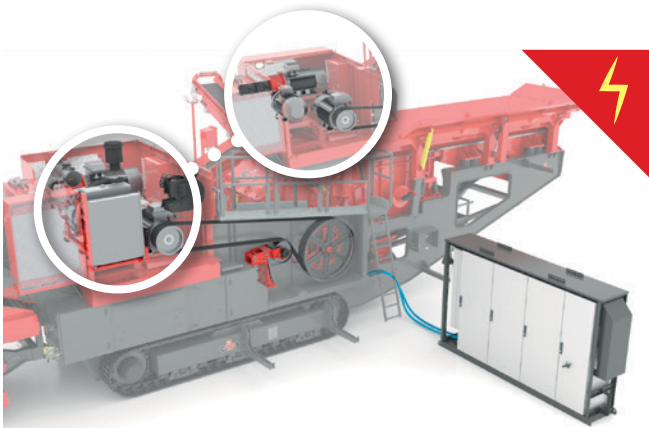
DIESEL – HYDRAULIC

With the fully hydraulic drive concept, a hydraulic motor with a closed circuit system powers the rotor with maximum torque and continuously adjustable speed. The auxiliary drives incl. the track unit are powered via a second hydraulic pump circuit with efficient load sensing system and can be continuously adjusted independently of each other.



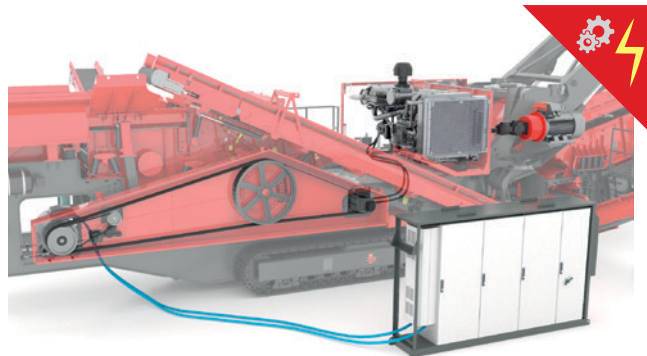
DIESEL – HYDRAULIC WITH DIRECT DRIVE FOR CRUSHER

Rotor drive is provided via a direct mechanical coupling to the flywheel on the diesel engine, in this way maximum torque is transmitted to the rotor. The auxiliary drives incl. the track unit are powered via the speed-optimised hydraulic pump circuit with efficient load sensing system and can be continuously adjusted independently of each other.



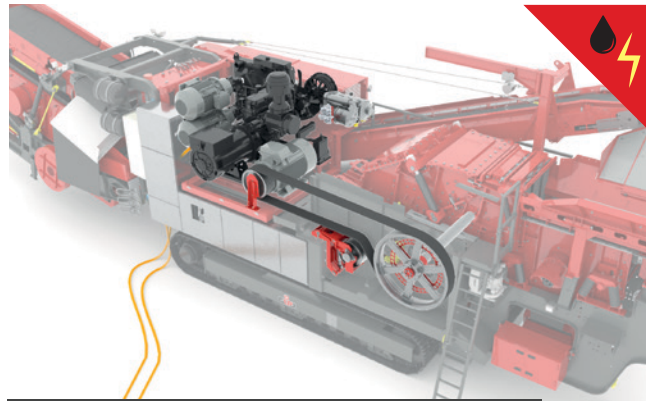
ELECTRO – HYDRAULIC WITH DIRECT DRIVE FOR CRUSHER

The electrically powered plants are supplied from the electricity supply. This supply is via the power switch cabinet, which is connected to the electric motor. The crushing unit is powered directly using the electric motor. The auxiliary drives incl. the track unit are powered via the hydraulic pump circuit (operated using an electric motor) with efficient load sensing system and can be continuously adjusted independently of each other.



COMBINED DIESEL / ELECTRICAL-HYDRAULIC

This unique drive technology can change between the drive variants. The plant can be powered electrically or by the diesel engine. The possible applications are unlimited due to this design.



GENSET

The diesel engine drives the generator that supplies the electrical loads. These electric motors power both the electric auxiliary drives and the crusher drive.

Alternatively, the electric motors can be supplied directly from the electricity supply.

FROM
TUNNELLING
TO **QUARRYING**
THE RIGHT DRIVE

GIPOGREEN
WE LIVE UP TO OUR PROMISES!

- Great products for a sustainable shared future.
- Resource conservation through innovation.
- Efficient and environmentally friendly.
- Energy use focused on eco-responsibility.
- Nurturing a clear mission of sustainability.

ABANDONING FOSSIL FUELS

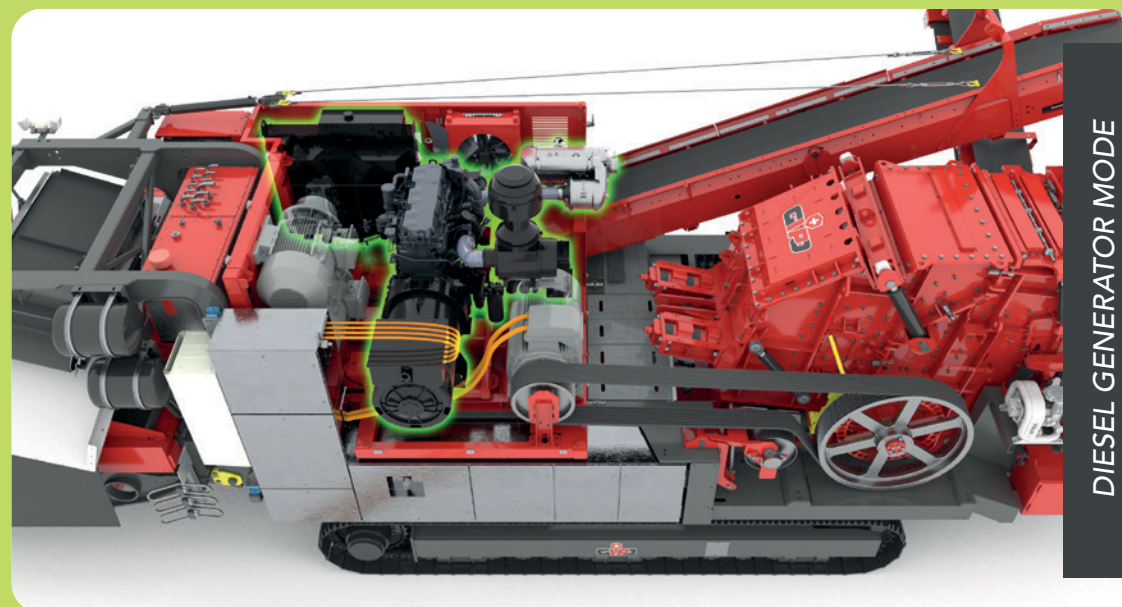
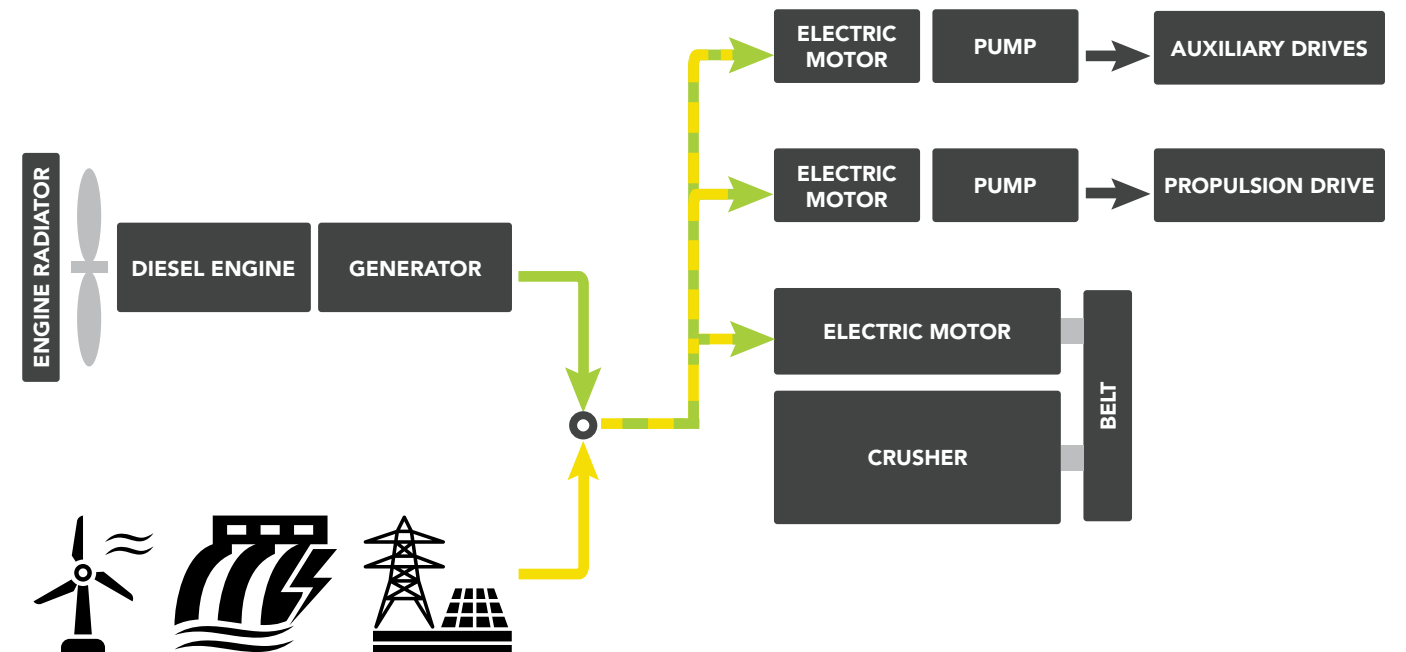
GIPOGREEN technology combines protection of the environment with cost effectiveness. There are no direct exhaust emissions due to the electrical drive. For this reason this drive technology offers the perfect combination of performance and flexible work processes.

High efficiency, low maintenance, as well as reduced noise are only a few of the advantages of GIPOGREEN technology.

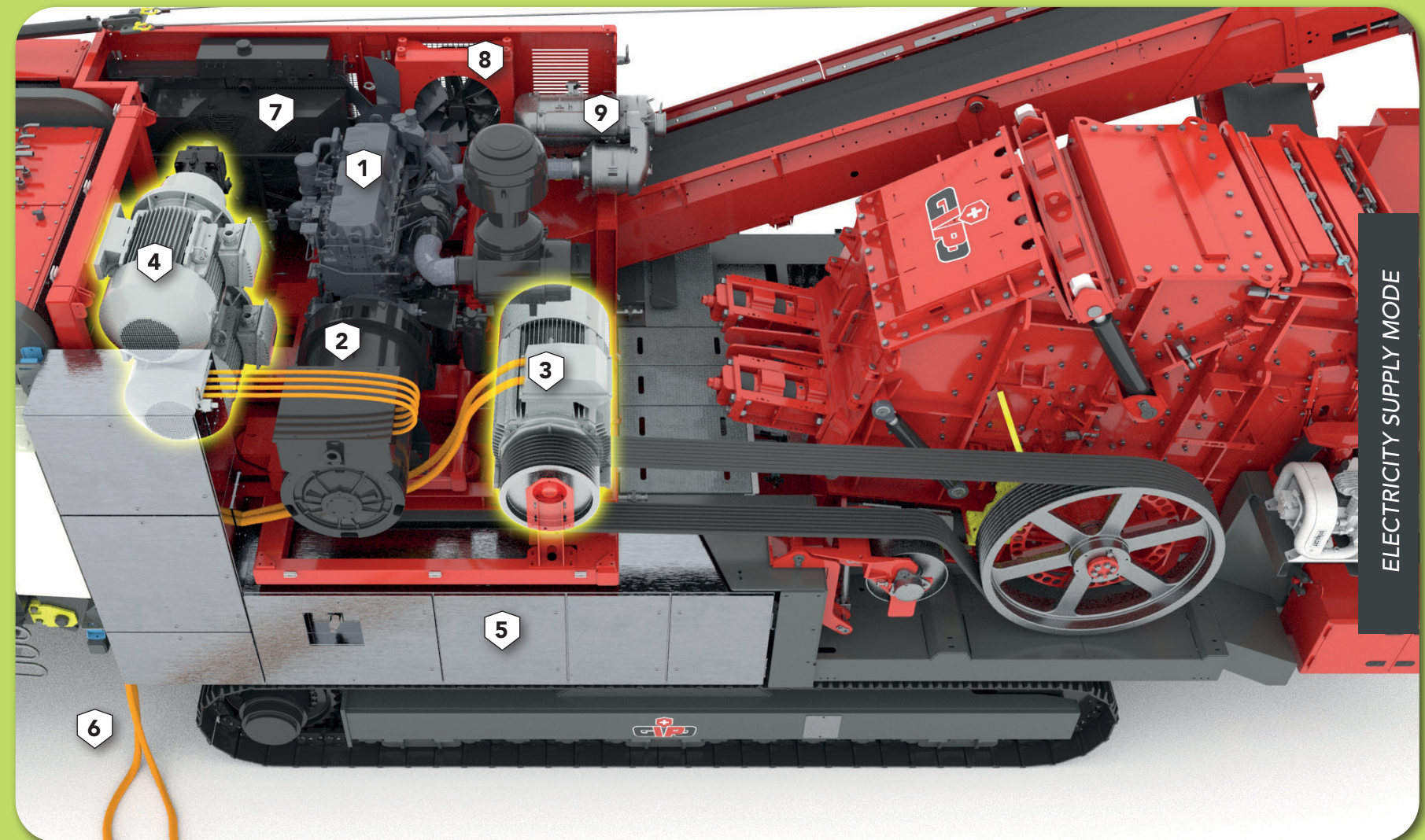
100%
GIPO POWER
WE CRUSH ELECTRICALLY

GENSET

The GENSET drive from GIPO provides maximum flexibility: it can be operated purely electrically via the electricity supply or via a diesel generator that produces the electrical power. This solution ensures efficiency and reliable operation.



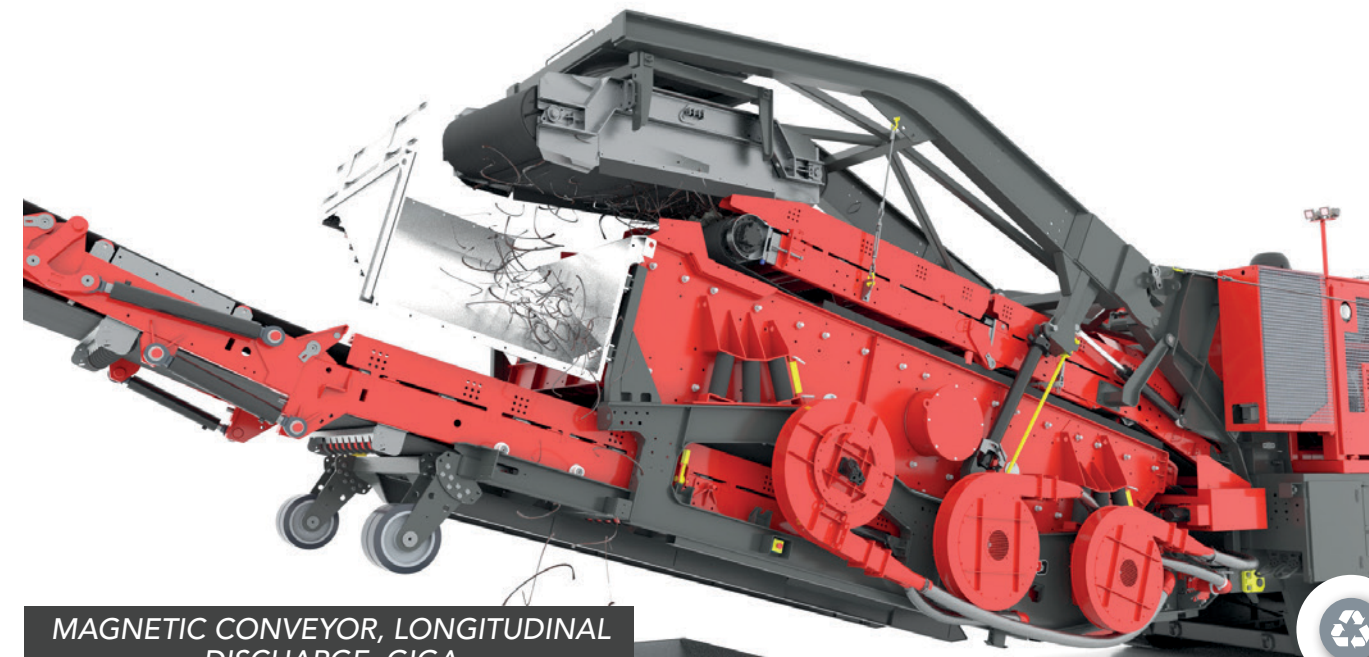
- | | |
|--|------------------------------|
| 1 Diesel engine | 6 Electricity supply |
| 2 Generator | 7 Engine radiator |
| 3 Electric motor for crusher drive | 8 Additional cooler |
| 4 Electric motors for auxiliary drives | 9 Exhaust gas aftertreatment |
| 5 Electric switch cabinet | |



GIPOGREEN



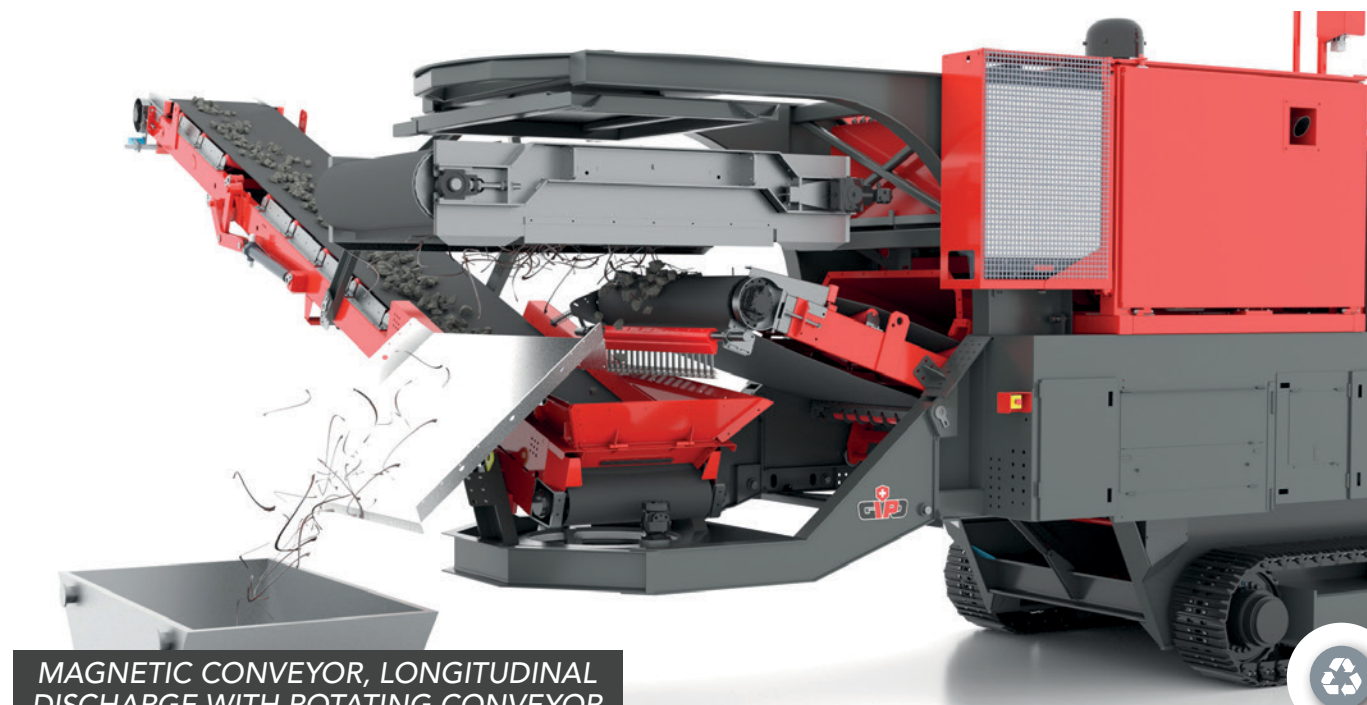
MAGNETIC CONVEYOR,
CROSS DISCHARGE



MAGNETIC CONVEYOR, LONGITUDINAL
DISCHARGE, GIGA



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.



MAGNETIC CONVEYOR, LONGITUDINAL
DISCHARGE WITH ROTATING CONVEYOR



MAGNETIC CONVEYOR, LONGITUDINAL
DISCHARGE, KOMBI



HYDRAULIC HEIGHT ADJUSTMENT

Optionally, a hydraulic height adjustment system is available



CONTINUOUS HYDRAULIC ROTATION

Hydraulic rotation system for all magnetic conveyors with longitudinal discharge



INGENIOUS TRANSPORT VARIANTS

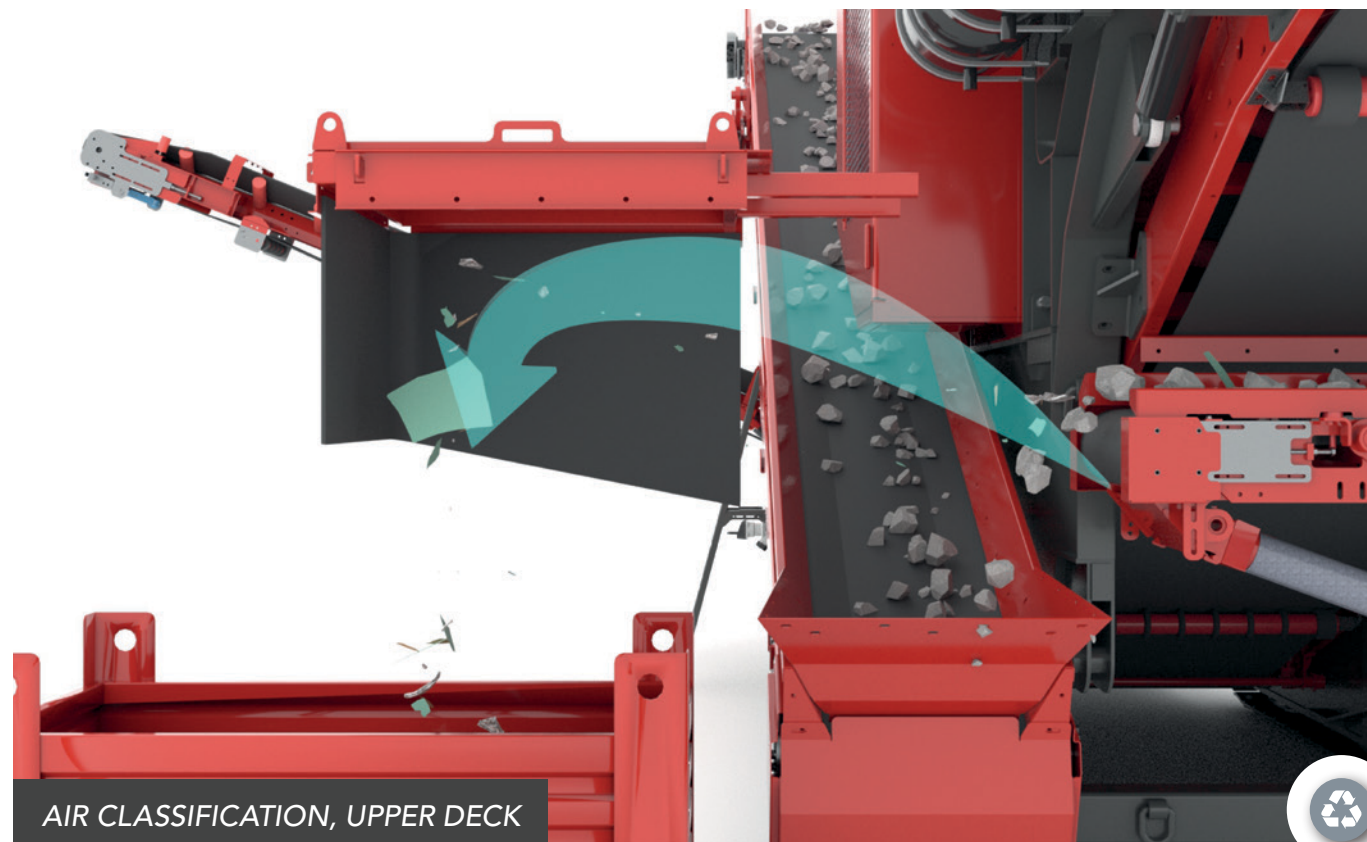
Straightforward removal as well as various transport positions



MAGNETIC CONVEYOR, LONGITUDINAL AND CROSS-DISCHARGE

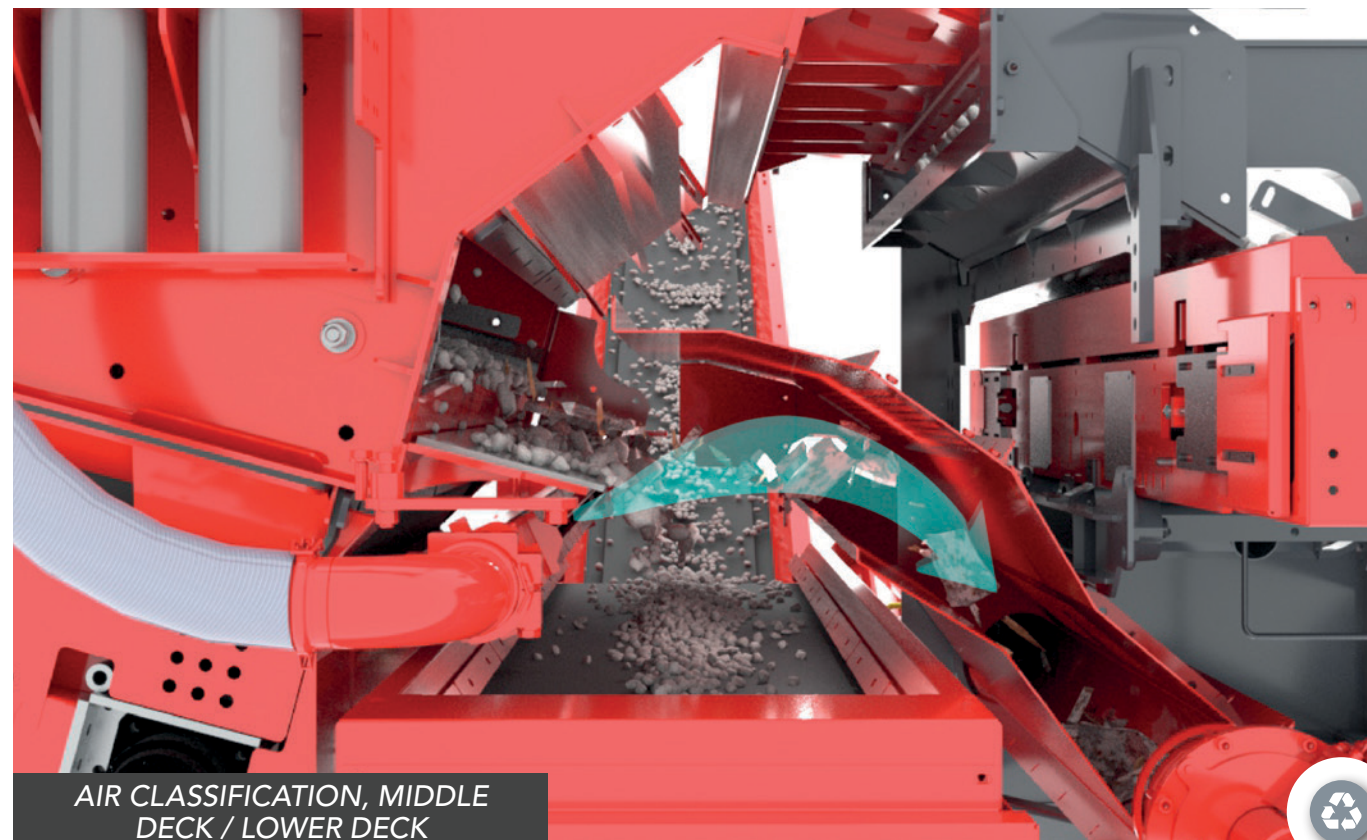
GIPOSORT[®]

The efficient ferrous metal discharge system in the cross and 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.



AIR CLASSIFICATION, UPPER DECK

With the air classification on the upper deck, the coarse light materials are ejected to the side by means of the high-pressure lance during the transfer from the cross conveyor to the return conveyor.



AIR CLASSIFICATION, MIDDLE DECK / LOWER DECK

On the middle or lower deck, the smaller light materials are separated out from the material flow distributed across the entire width of the screen with the aid of a highly precise cross lance. The light materials are then removed to the side of the plant via an outlet channel with air ejection.

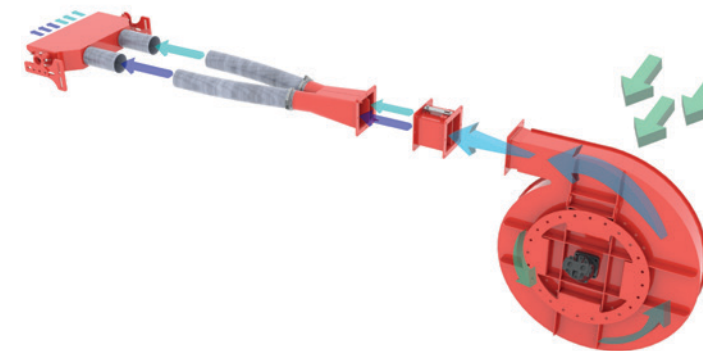


CONTAMINATED RECYCLED MATERIAL

UP TO **99%**
OF ALL LIGHT MATERIALS
ARE SEPARATED FROM
THE END PRODUCT



FOR FURTHER INFORMATION,
SEE MANUFACTURER'S WEB SITE



HIGH-PRESSURE FAN

- Precise separation of light materials and end product
- On new plants or can be retrofitted
- Stationary or mobile
- Autonomous unit or integrated into the plant
- Optional filter systems with recirculating air for minimum dust production
- Air flows can be regulated
- Material classification at several points ensures the highest purity
- Maximum refinement of the end product
- Separates even the most difficult material
- Easy to operate and service

AIR CLASSIFIER SYSTEM

GIPOSORT[®]

The unique air classifier system from GIPO AG makes possible the extraordinary separation of light material. Refining contaminated material using the air classifier system is an economically ideal solution. The light materials are separated from the final particles by the innovative design. This feature is used particularly in the recycling sector. This system can be fitted to mobile plants and also used in the stationary area.

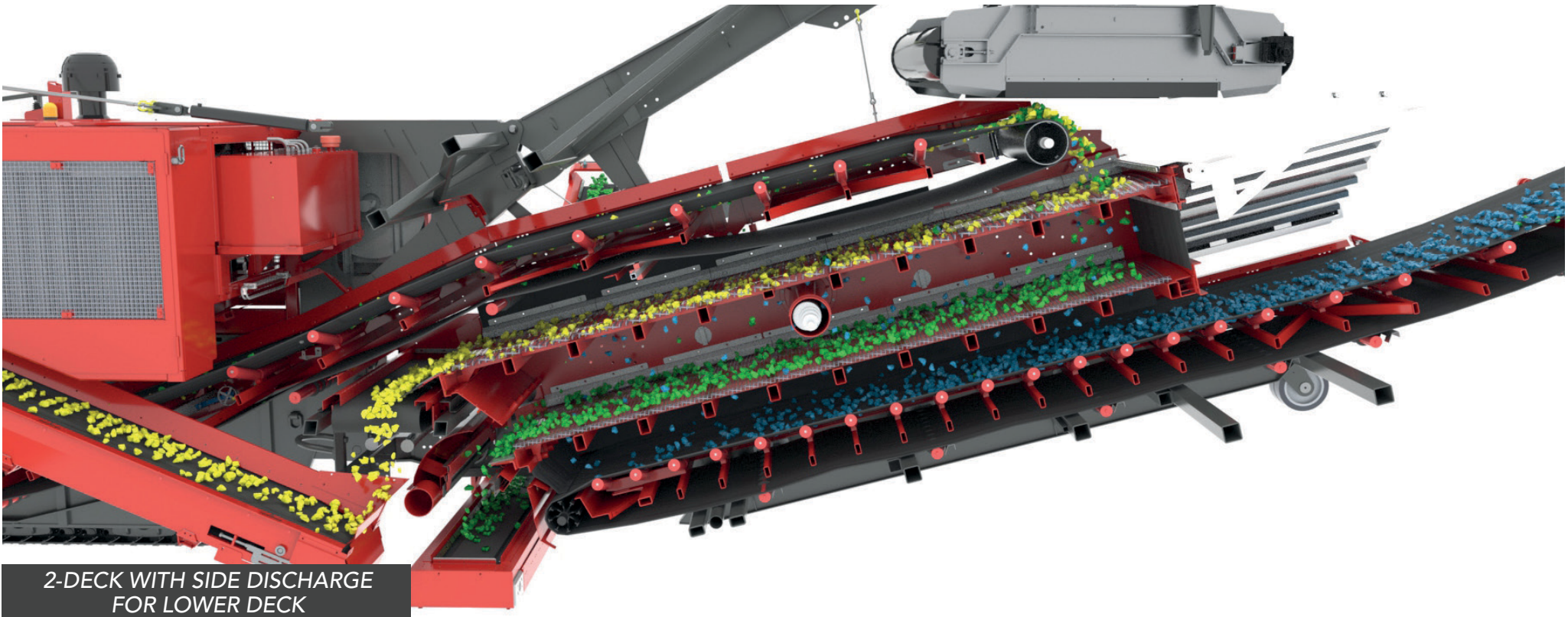
The air classifier system is designed and adjusted specifically to suit your plant such that you are able to purify numerous feed materials.

FINAL SCREENING UNIT

The powerful, large area final screening units couple to the plant very straightforwardly without additional lifting equipment. These one- or more-deck units significantly reduce the weight of the plant and greatly simplify access to the screen deck.



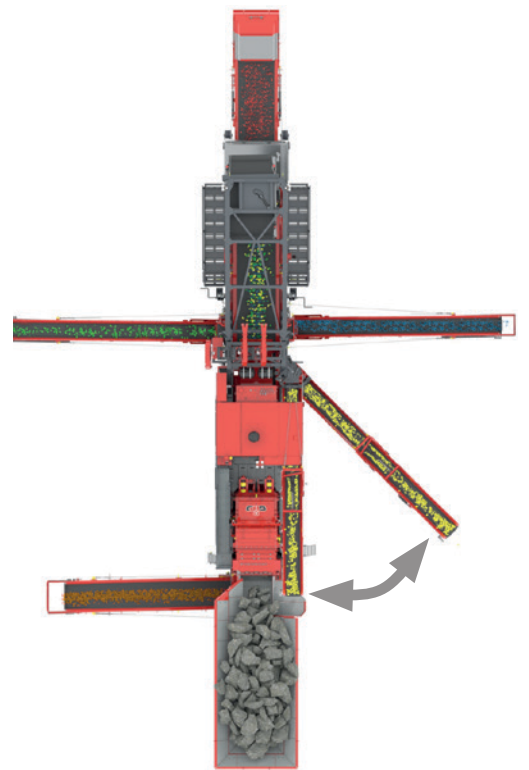
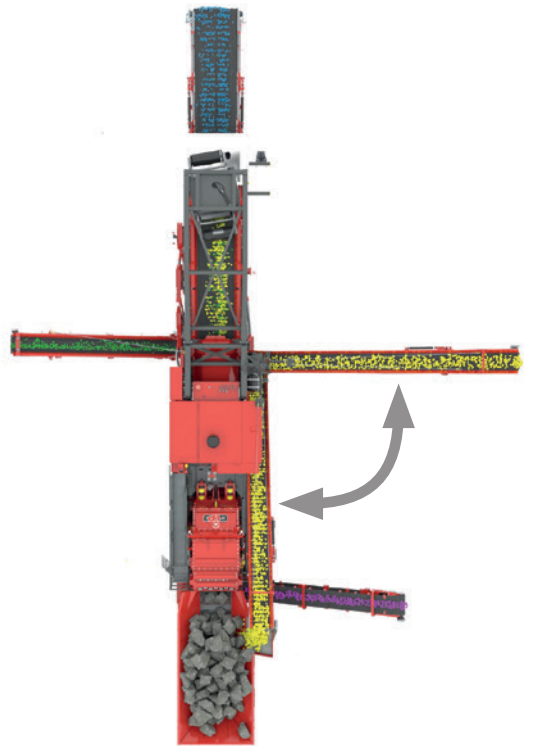
GIPO FINAL SCREENING UNIT –
PERFECTION
DOWN TO THE LAST PARTICLE!



2-DECK WITH SIDE DISCHARGE
FOR LOWER DECK



3-DECK WITH SIDE DISCHARGE FOR
MIDDLE AND LOWER DECK

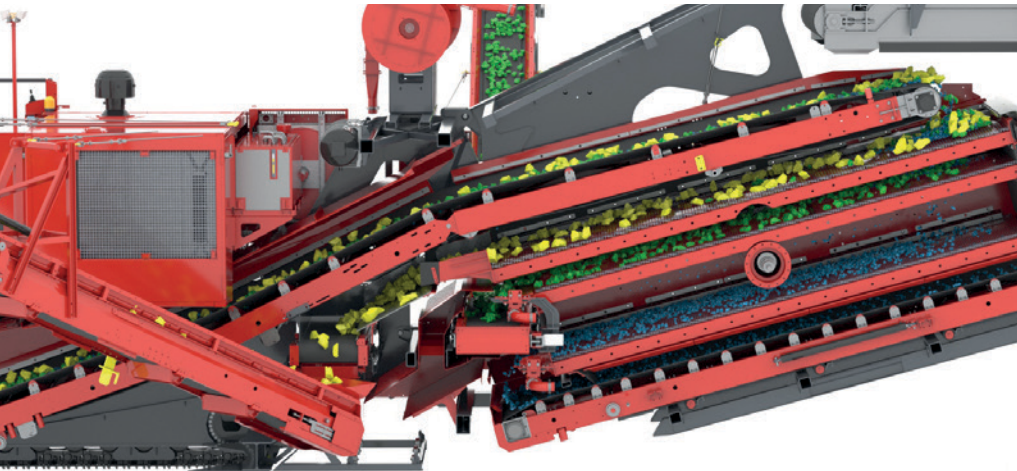


COMBINATION OF SCREEN DECK MATERIAL

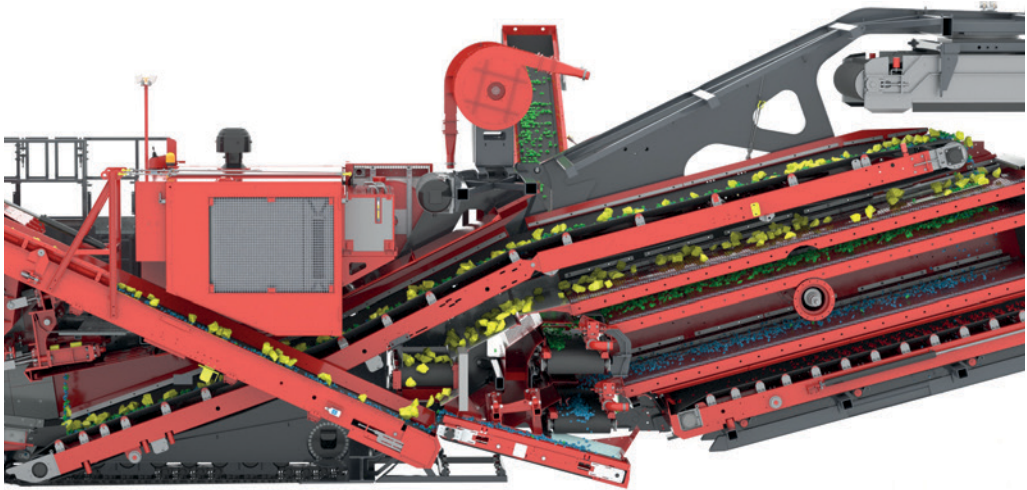
Screen deck combination permits the specific merging of different material flows to achieve optimum results during processing. The materials from the screen decks can be combined to suit requirements. This flexible material handling permits precise adaptation to different applications – whether for optimising the final particle size or for returning efficiently to the crushing process. As such the final screening unit with screen deck combination is a central component for cost-effective processing.



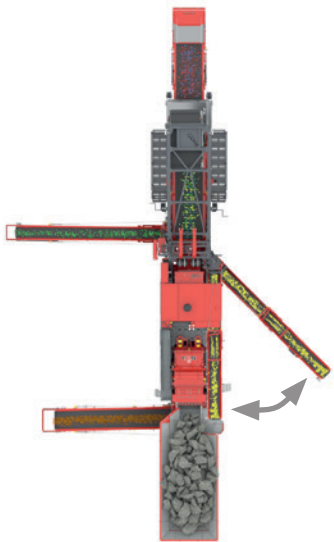
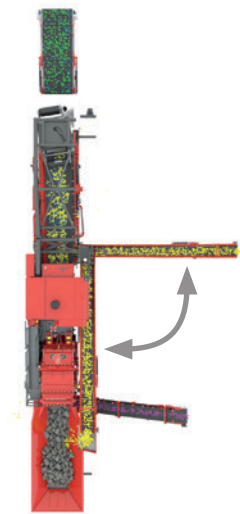
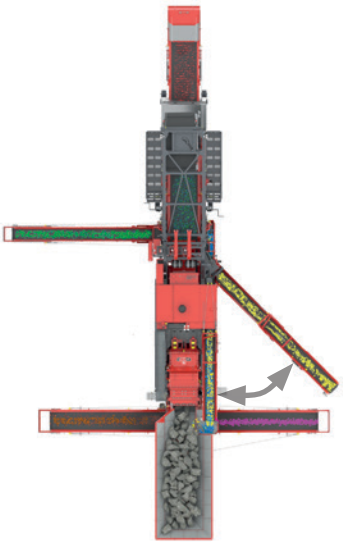
2-DECK WITH SCREEN DECK COMBINATION



3-DECK WITH SCREEN DECK COMBINATION



3-DECK WITH SCREEN DECK COMBINATION TO RETURN



FINAL SCREENING UNIT TRANSPORT



TRANSPORT AND SERVICE

Our GIPO plants are perfectly designed for flexible use. They can be loaded safely and without problems in a compact transport position. The final screening unit can also be transported easily. In addition, the plants can be placed in the servicing position so that servicing and repairs can be undertaken quickly and conveniently.

CONVEYOR BELTS

GIPO AG offers a broad range of conveyor belts with form and functions optimally matched to the needs of the customer. There are no limits to the application area for the conveyor belts because they are suitable for transporting all materials.

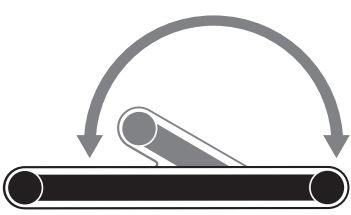
Whether the conveyor belt is to be folded for transport, is to rotate, or is to be equipped with additional options – GIPO AG covers all your needs.

Protective hoods – Our protective hoods offer a high degree of safety during crushing. Thanks to their careful design, the hoods are robust but can nevertheless be removed very easily. In addition, the conveyor belt covers reduce the amount of dust produced in strong wind.



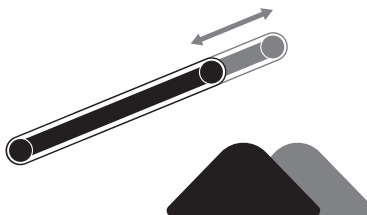
Swivelling conveyor – The swivelling conveyor permits flexible, varied material discharge. This construction can be swivelled hydraulically during the work process to convey the crushed material either to the heap or to a downstream screening machine. This plant also discharges ferrous metal in the longitudinal direction.

FOLDED POSITION



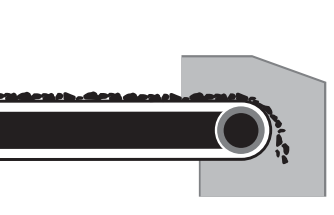
The conveyor belts can be placed in various transport positions to minimise the transport dimensions.

DROP HEIGHT



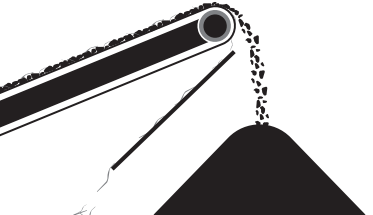
Customer wishes can be optimally addressed due to the flexible selection of the drop height.

COVER



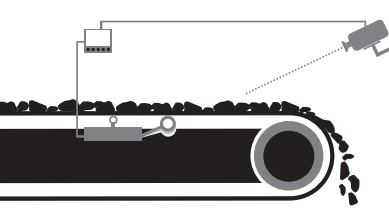
The discharge hood as well as aluminium covers are not only for work safety, they also minimise dust emissions.

MAGNETIC DRUM



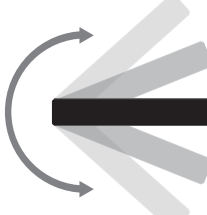
Ferrous metal discharge is further improved and the quality of the crushed material therefore increased by using the magnetic drum.

MEASURING SYSTEM



The volume measuring system as well as the belt scale measure the weight of the crushed material; this weight can be read on the control box.

SWIVELLING CONVEYOR



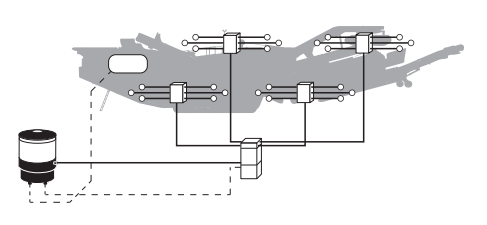
The swivelling conveyor system permits even more flexible material discharge.

WORKPLACE LIGHTING

GOOD OR EFFICIENT WORKPLACE LIGHTING REDUCES HAZARDS AND PREVENTS ACCIDENTS. FOR THIS REASON GIPO AG OFFERS NUMEROUS DIFFERENT LIGHTING OPTIONS. THE ECONOMICAL BUT NEVERTHELESS EXTREMELY BRIGHT LED SPOTLIGHTS LEAVE NOTHING TO BE DESIRED.

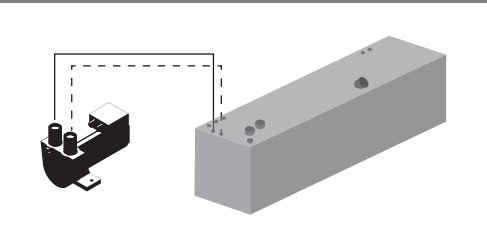
NOISE EMISSIONS

NOISE EMISSIONS ARE SUBJECT TO STRICT REGULATIONS. FOR THIS REASON WE WORK CONTINUOUSLY ON REDUCING NOISE TO A MINIMUM.



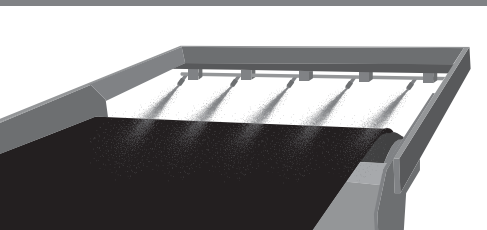
CENTRAL LUBRICATION

No lubrication points are missed due to the bespoke central lubrication system. Lubricant consumption as well as bearing lubrication are always optimally designed.



REFUELLING PUMP

The refuelling pump can be installed close to the diesel tank on the plant and pumps the fuel, e.g., from tanks or drums into the diesel tank fitted to the plant.



DUST PREVENTION

Dust is prevented by means of various strategically located water spraying features as well as hoods; as a result most of the dust is retained.



RADIO REMOTE CONTROL

The radio remote control makes the work process easier because every function is specifically adapted to your needs such that maximum efficiency can be achieved.

UP TO **99%**
AVAILABILITY

UP TO **100,000**
OPERATING HOURS

GIPOSAFE

SAFETY AND WORKING CONDITIONS

Impeccable working conditions as well as safety at the workplace are ensured by easy to reach service accesses as well as safety components installed as standard. Useful attachments, e.g. the central lubrication, ease the amount of effort required and guarantee smooth, reliable servicing. Many of these options are in daily use and are very popular among our customers.



EASY TO OPERATE

Innovative and easy to operate plants



SAFE

Manufactured to the latest country-specific safety standards/CE compliant



COST-EFFECTIVE

Modern plants for commercial success

CUSTOMER NEEDS

At GIPO AG customer satisfaction is a top priority. For this reason we are the only manufacturer of mobile crushing plants to offer plant paint finishes in the RAL colours you require, as well as the installation of optional additional equipment and safety equipment. In this way we ensure that your GIPO crushing plant integrates 100% into your existing plant fleet and therefore leaves nothing to be desired.



**PLANT CONCEPT EXACTLY
ACCORDING TO YOUR WISHES**

SAFETY STANDARDS

WE MANUFACTURE YOUR PLANT TO THE LATEST COUNTRY-SPECIFIC SAFETY STANDARDS.

**SAFETY
EQUIPMENT**

FURTHER SAFETY EQUIPMENT CAN BE MANUFACTURED TO CUSTOMER REQUIREMENTS.

**PAINT FINISH
CONCEPTS**

DESIGN YOUR PLANT TO SUIT YOUR REQUIREMENTS. THERE ARE NO LIMITS TO THE COLOUR SCHEME!

CUSTOMER ADVERTISING

HAVE YOUR PERSONALLY DESIGNED CUSTOMER ADVERTISING APPLIED TO YOUR PLANT DURING MANUFACTURE.



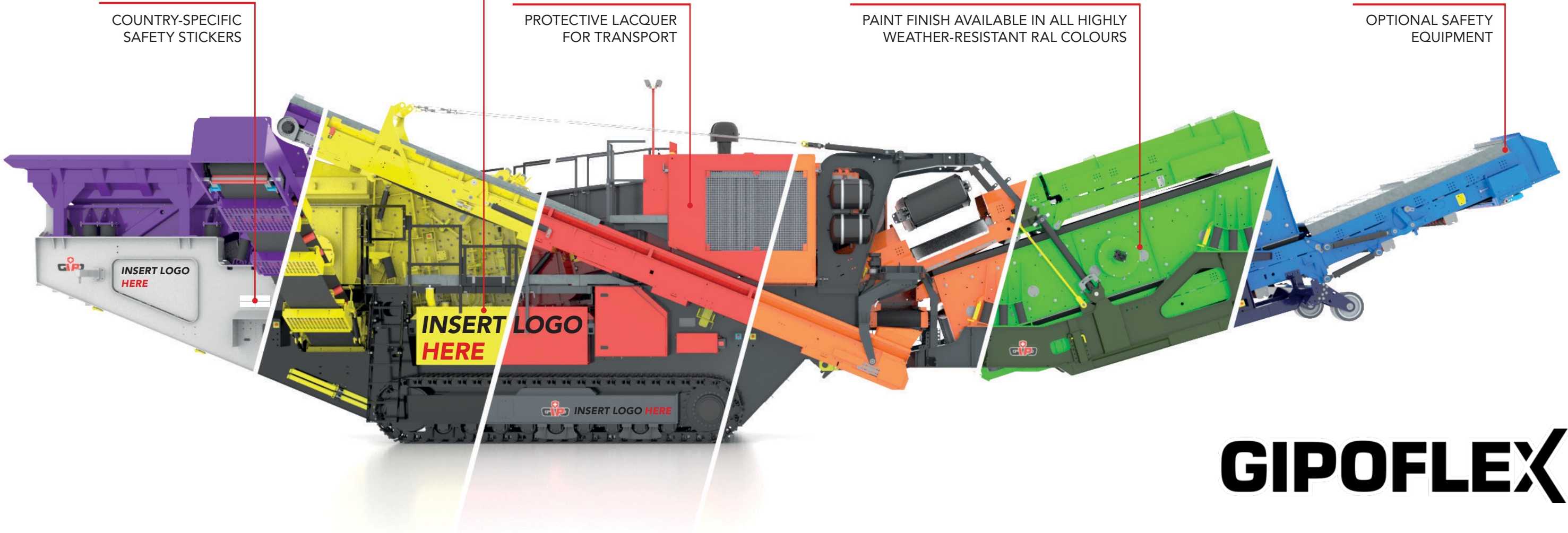
CUSTOMER LOGOS OR ADVERTISING
CAN BE APPLIED DIRECTLY
DURING MANUFACTURE

COUNTRY-SPECIFIC
SAFETY STICKERS

PROTECTIVE LACQUER
FOR TRANSPORT

PAINT FINISH AVAILABLE IN ALL HIGHLY
WEATHER-RESISTANT RAL COLOURS

OPTIONAL SAFETY
EQUIPMENT



GIPOFLEX

CUSTOMER SERVICE



WE STAND FOR:

FLEXIBILITY

- COMPETENCE
- HIGH DEGREE OF MOBILITY
- COMMITMENT
- COMPLIANCE WITH REQUIREMENTS
- ADAPTABILITY

QUALITY

- HIGH STANDARDS
- OPTIMISED PROCESSES
- SOLUTIONS
- INNOVATIONS
- CUSTOMER SATISFACTION

RELIABILITY

- RESILIENCE
- PROFESSIONALISM
- DEPENDABILITY
- VALUE RETENTION
- PUNCTUALITY

CUSTOMER SUPPORT FROM THE START



FITTER SERVICE

SPARE PARTS

INSPECTION

REPAIR

TRAINING

SERVICE PLATFORM

ASSISTANCE

ADVICE

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