

SWISS POWER



MOBILE JAW CRUSHING PLANTS





PRODUCTS

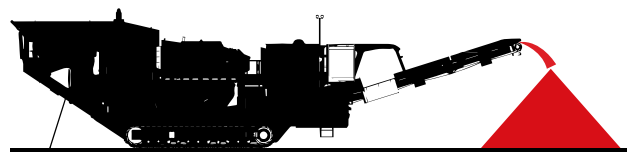
THAT MOVE MOUNTAINS

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JAW CRUSHING PLANTS – HIGH PERFORMANCE

GIPO jaw crushers are compact, tracked crusher units. The plants are suitable for the harshest usage in quarrying and also for recycling construction materials. GIPO jaw crushing plants are easy to transport and can be made ready for operation rapidly. The track unit makes it possible to move the plant quickly. The excavator driver can operate the feed channel directly using the remote control integrated as standard. The plants can be optimally adapted to the specific requirements with numerous items of additional equipment.

APPLICATION AREAS



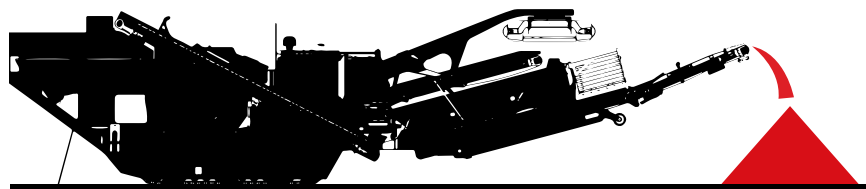
GIPO B

GIPO B plant as pre-crusher.



GIPO B WITH DOWNSTREAM PLANT

The GIPO B can also be used as an upstream plant.



GIPO B IN THE RECYCLING SECTOR

The GIPO B GIGA has proven to be a straightforward, robust and cost-effective processing plant in the recycling sector.



GIPO B

The GIPO B is the base model in the mobile jaw crusher range. The plant is very flexible in use due to its compact design. The GIPO B achieves excellent results in both the quarrying and the recycling sectors.



GIPO B GIGA

GIPO B plants can be expanded with a 1 to 2-deck screening unit. The crushed end product can be screened and an optimal final particle size produced using these enhanced jaw crushing plants. The base models can be expanded as required and can also be transported and operated with or without the screening machine.



*GIPO B GIGA MAGNETIC CONVEYOR
LONGITUDINAL DISCHARGE*

An additional unique feature of the GIPO B GIGA is the innovative magnet in the longitudinal direction. With this feature the processing time for heavily steel-reinforced concrete can be reduced and the throughput increased. Malfunctions and belt damage are minimised.



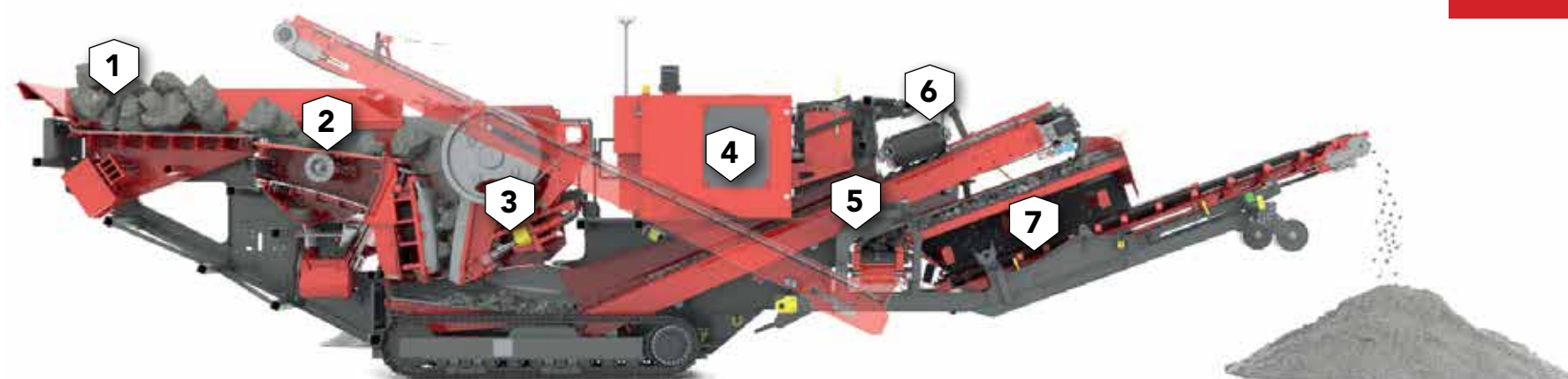
GIPO B (K - D)

K = COMPACT FEED CHANNEL
D = DIESEL DRIVE

FROM THE BASE MODEL TO THE FULLY EQUIPPED VERSION

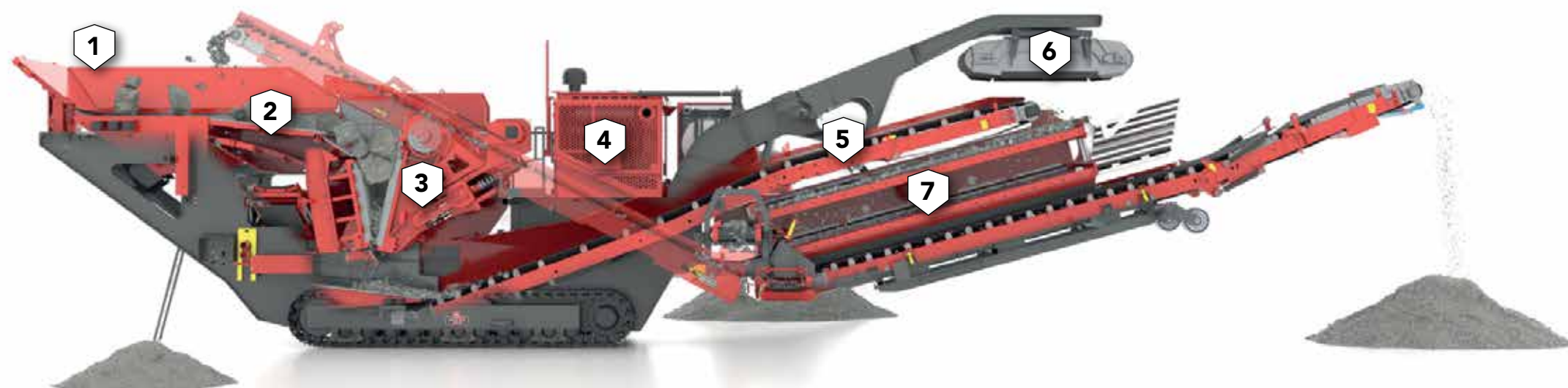
Our GIPO plants stand for Swiss precision, performance and versatility. From the base model to the bespoke overall concept, we offer innovative technologies that are precisely tailored to your requirements.

Discover our bespoke solutions for your project!



GIPO B GIGA (1-DECK) (VS - D - MQ) /
GIPO B KOMBI (1-DECK) (VS - D - MQ)

VS = PRE-SCREENING MACHINE
D = DIESEL DRIVE
MQ = CROSS FERROUS METAL DISCHARGE



GIPO B GIGA (2-DECK) (K - D - ML) /
GIPO B KOMBI (2-DECK) (K - D - ML)

K = COMPACT FEED CHANNEL
D = DIESEL DRIVE
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 pure 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 JAW CRUSHING PLANTS

The broad spectrum of the GIPO fleet covers every need in the crushing, screening and mineral preparation sector. With the jaw 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.



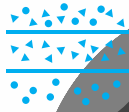
WE RECYCLE

- 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.



GIPOFLEX

IDEA AND
CUSTOMER DIALOGUE



PRE-PROJECT PLANNING
AND AGREEMENT



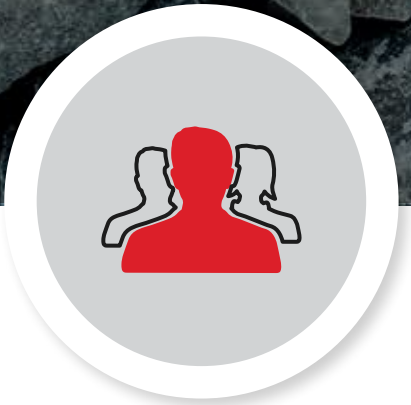
PLANNING
AND PRODUCTION

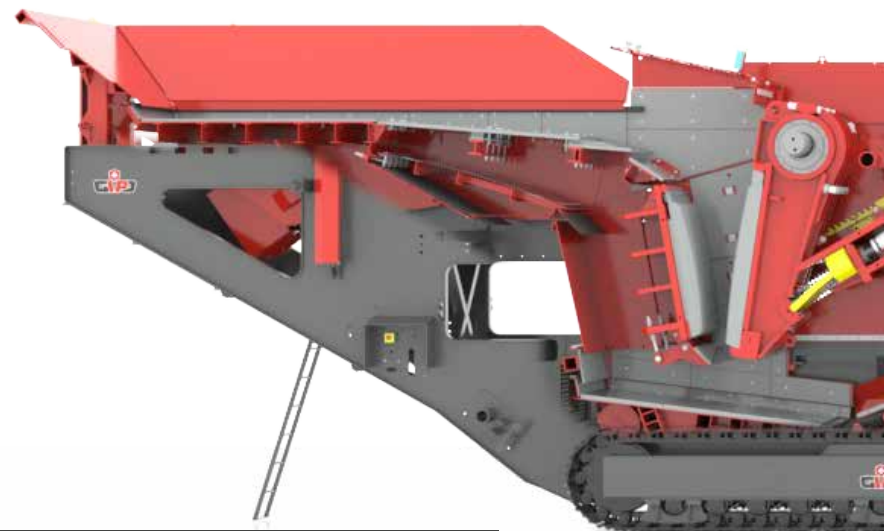


DELIVERY
AND COMMISSIONING

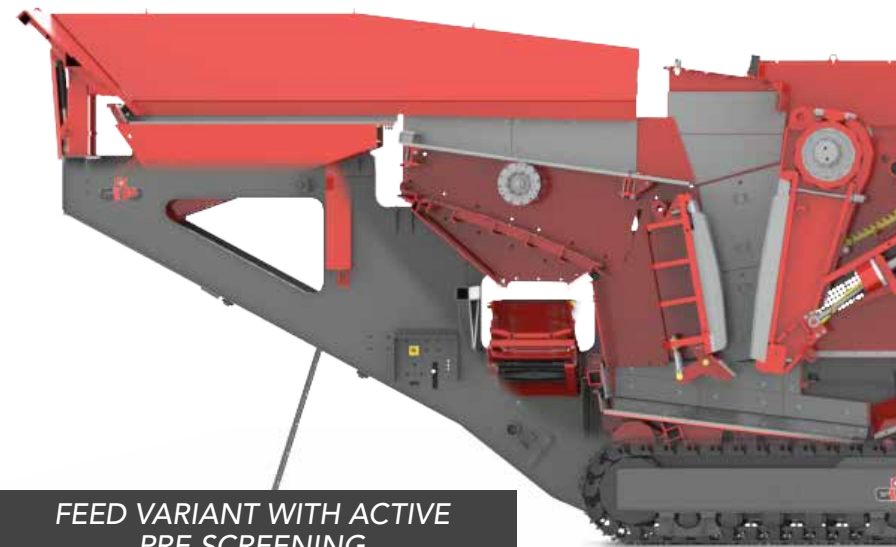


CUSTOMER SUPPORT
AND AFTERSALES SERVICE





FEED VARIANT WITH INTEGRATED
FEED CHANNEL



FEED VARIANT WITH ACTIVE
PRE-SCREENING



FEED VARIANT WITH APRON
CONVEYOR AND PRE-SCREENING

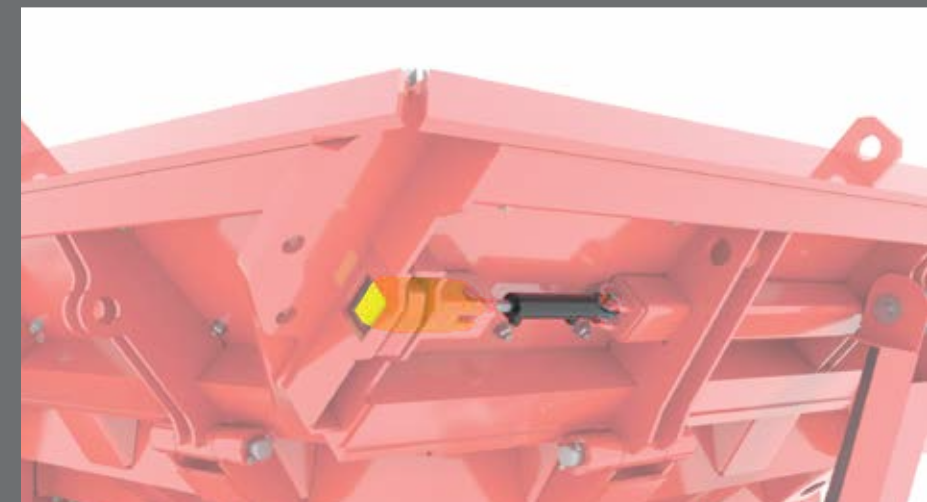
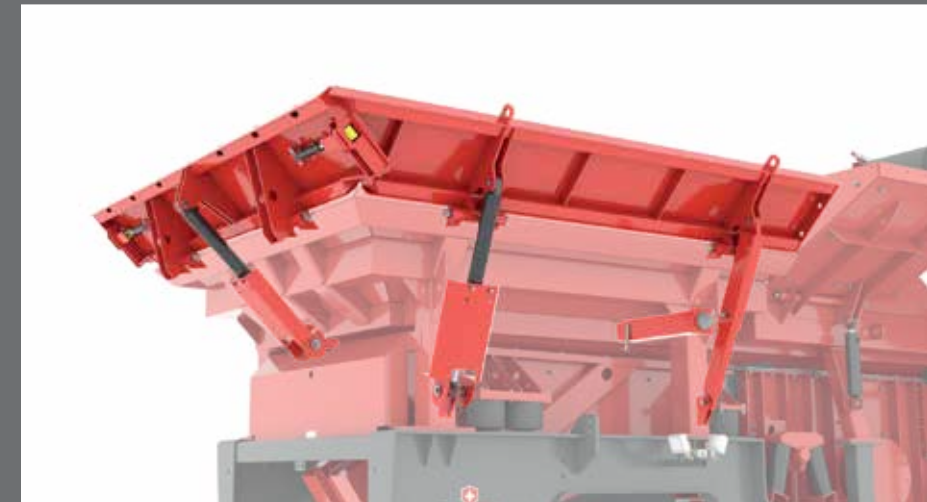


FEED VARIANT WITH LONG
PRE-SCREEN

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



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.



JAW CRUSHER

The jaw crushing plants are used in tough applications. They are thoroughly tried and tested as pre-crushers during the crushing of medium-hard to hard rock and minerals. Jaw crushers must also be durable and reliable in difficult conditions. Operation with as little wear and as cost-efficiently as possible are further indicators of an optimal jaw crusher. The steep intake angle between the fixed and moving crushing jaw as well as the long crushing jaws and the ideal eccentric stroke are matched to the highest crushing performance – also with very difficult feed material.



B 0960 | B 1170 | B 1270 | B 1290



JAW CRUSHER IN USE

- | | | | |
|--------------------|----------------------------|------------------------|--------------------------------|
| 1. Feed hopper | 4. Side discharge conveyor | 7. Fixed crushing jaw | 10. Crusher discharge conveyor |
| 2. Pre-screening | 5. Jaw crusher | 8. Moving crushing jaw | 11. Crusher drive motor |
| 3. Changeover flap | 6. Jaw crusher bearings | 9. Gap adjustment | |

CRUSHING JAWS

We have various models of crushing jaws for different applications. All models are made of high-alloy wear-resistant steel. The jaws are quick and straightforward to change due to the simple fastening. Optimised tooth profiles and crushing jaw thicknesses as well as the optimal quality of the wear-resistant steel make possible maximum material throughput with minimum operating costs.



REVERSING

Optionally, GIPO jaw crushers can be operated in reverse. During operation in reverse, the arm is moved in the opposite direction. It is very easy to remove blockages or clogging with the aid of this function.



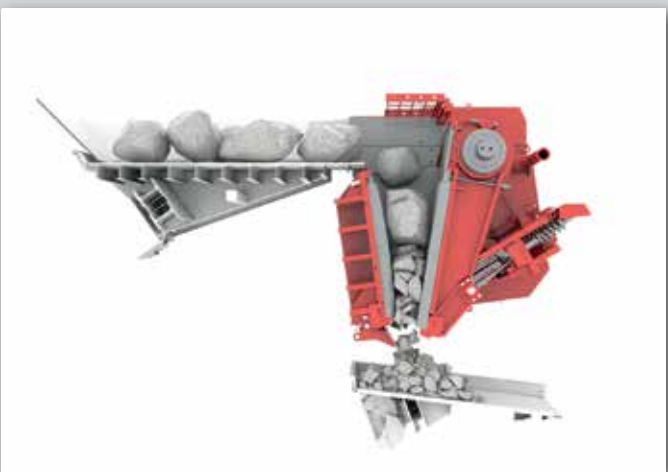
B 1470 | B 1490 | B 14100 | B 14120



MATERIAL DISCHARGE WITH CONVEYOR BELT



MATERIAL DISCHARGE WITH DISCHARGE CHANNEL



So that optimum material discharge can be achieved, GIPO AG uses a generously dimensioned crusher outlet. The crushed material can be discharged using a conveyor belt or a discharge channel.

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 crusher 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.



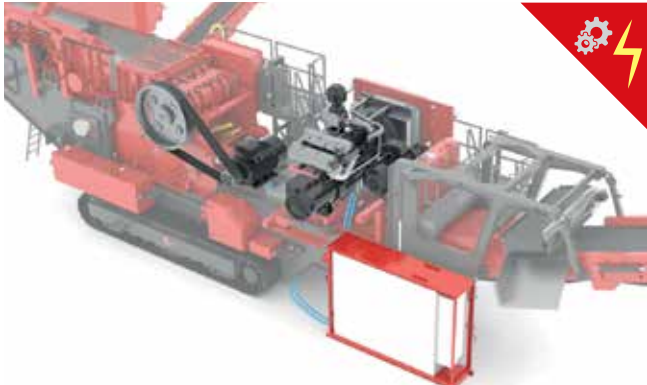
DIESEL – HYDRAULIC WITH DIRECT DRIVE FOR CRUSHER

Crusher drive is provided via a direct mechanical coupling to the flywheel on the diesel engine, in this way maximum torque is transmitted to the arm. 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.



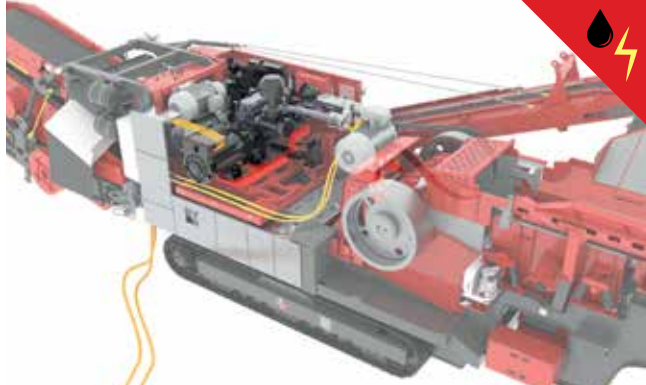
ELECTRO – HYDRAULIC WITH DIRECT DRIVE FOR CRUSHER

The electrically powered plants are supplied by means of external power connections. This supply is via the power switch cabinet, which is connected to the electric motor. The crusher unit is powered directly using the electric motor. The auxiliary drives incl. the track unit are powered via a hydraulic pump circuit driven by 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

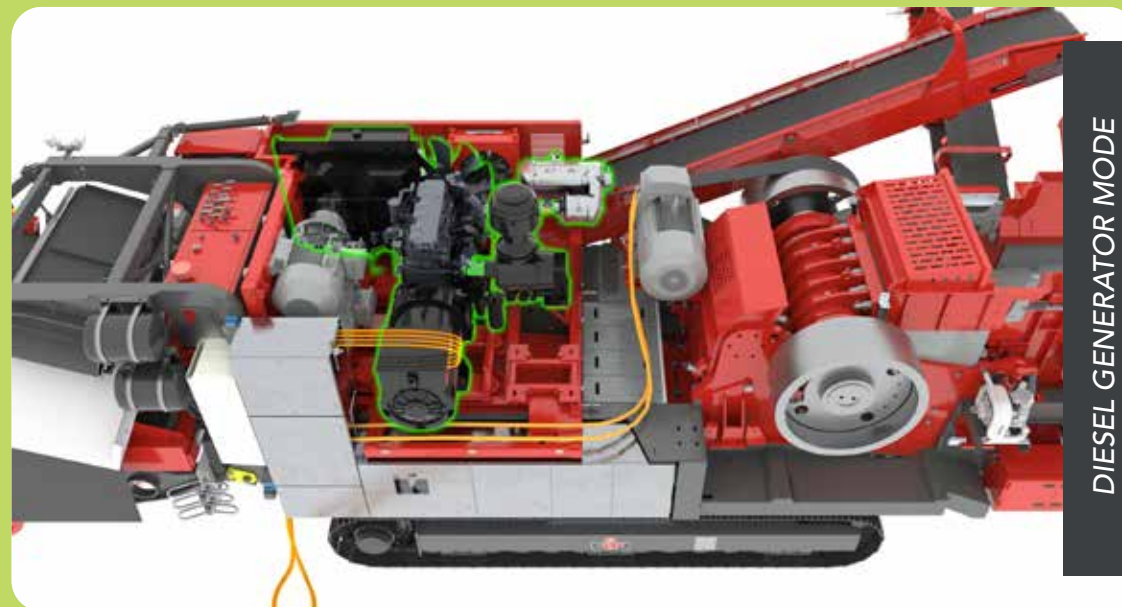
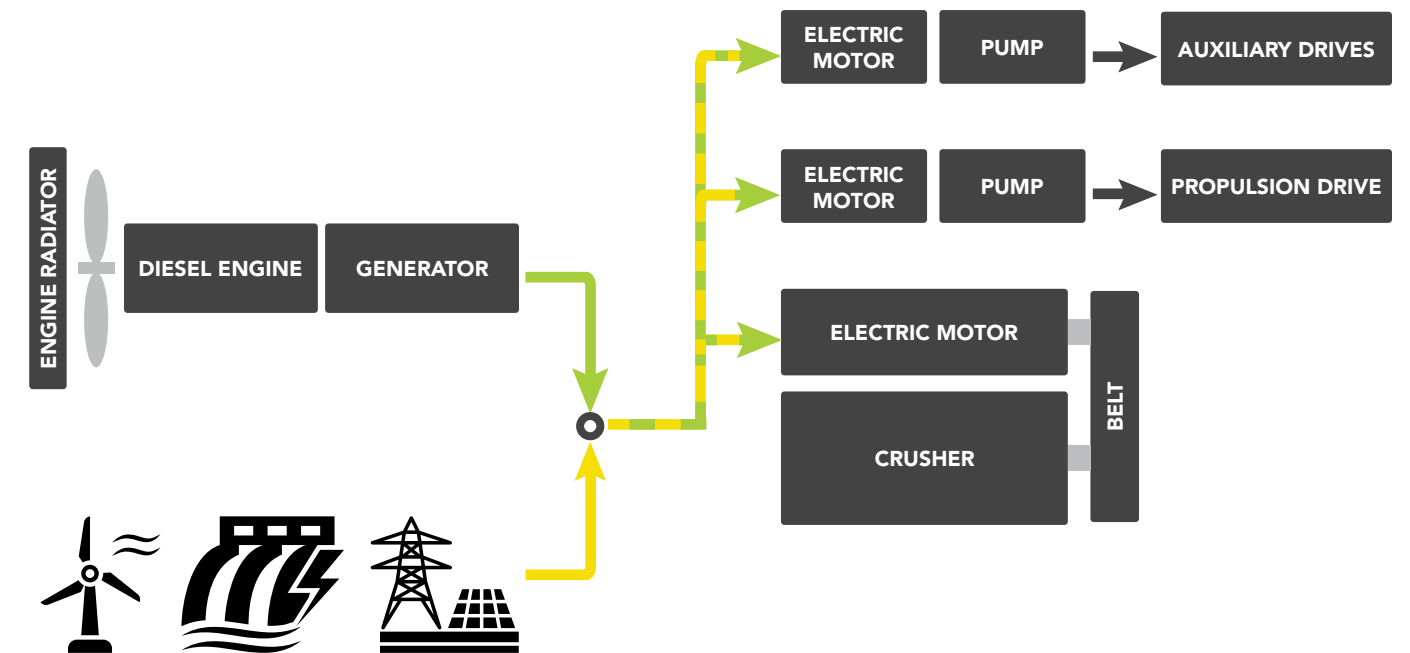
GIPOGREEN technology combines protection of the environment with cost effectiveness. There are no direct exhaust emissions due to the electrical drive. For this reason this drive technology offers the perfect combination of performance and flexible work processes.

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

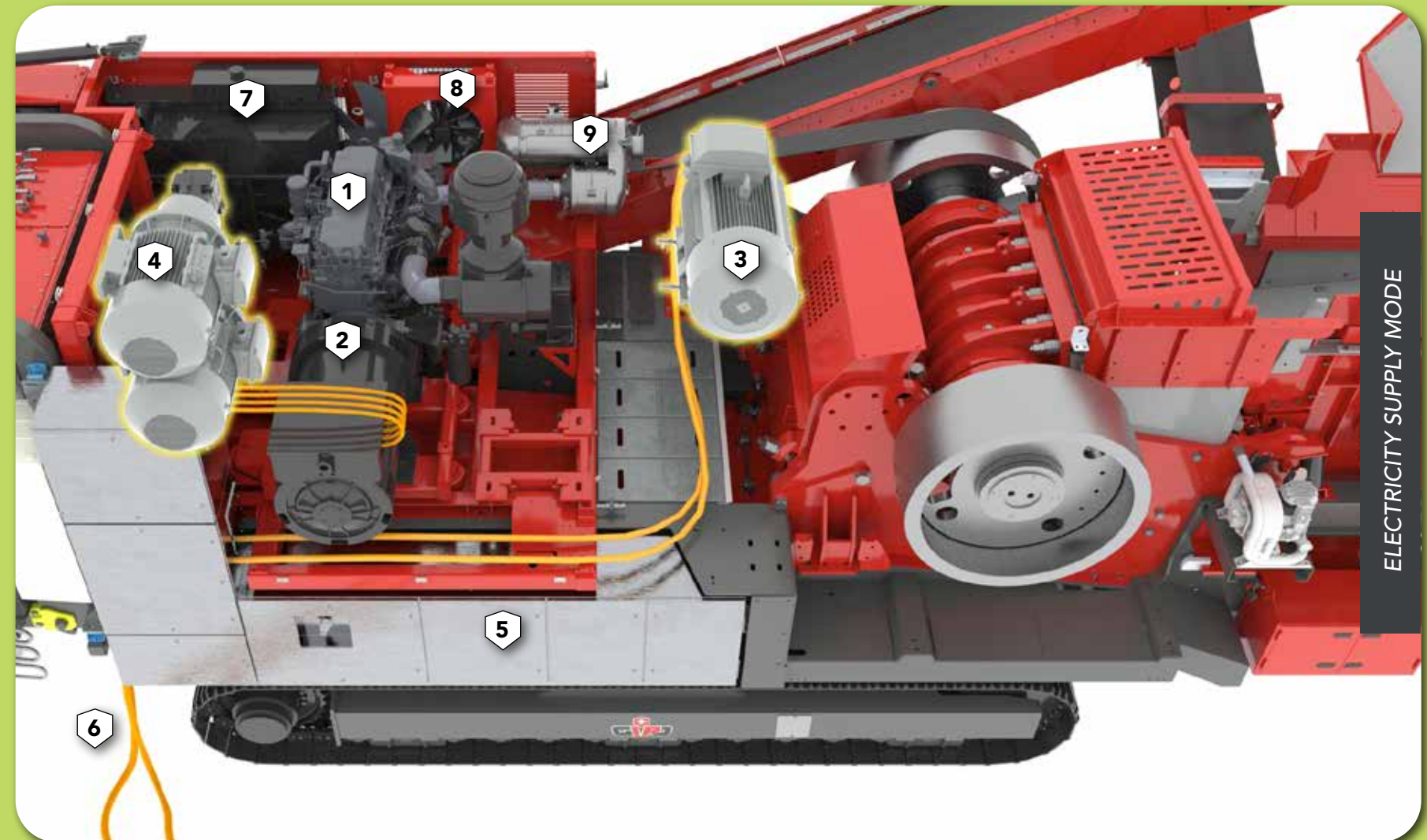
100%
GIPO POWER
WE CRUSH ELECTRICALLY

GENSET

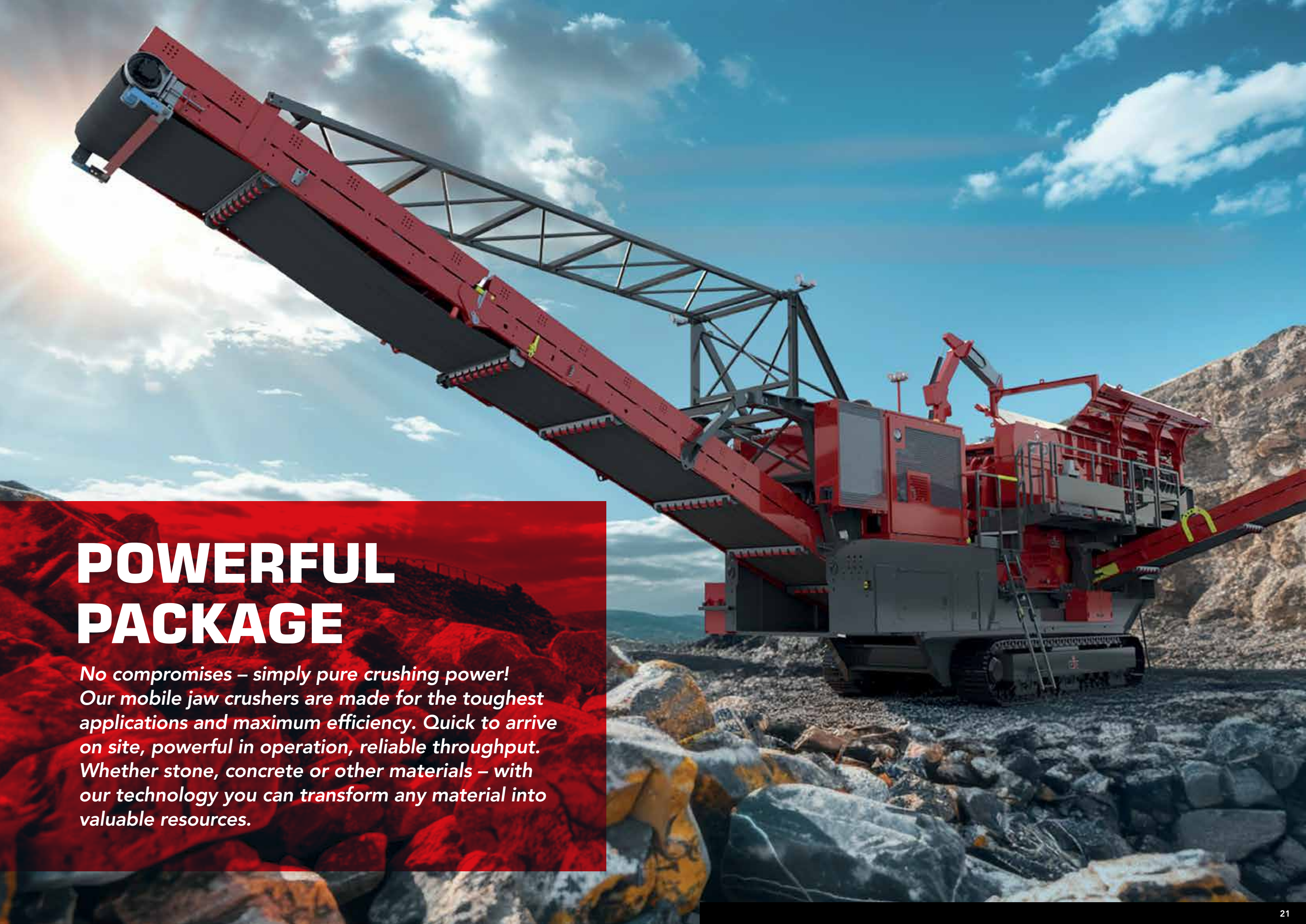
The GENSET drive from GIPO provides maximum flexibility: it can be operated purely electrically via the electricity supply or via a diesel generator that produces the electrical power. This solution ensures efficiency and reliable operation.



- | | |
|--|------------------------------|
| 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



POWERFUL PACKAGE

No compromises – simply pure crushing power! Our mobile jaw crushers are made for the toughest applications and maximum efficiency. Quick to arrive on site, powerful in operation, reliable throughput. Whether stone, concrete or other materials – with our technology you can transform any material into valuable resources.



**MAGNETIC CONVEYOR CROSS-DISCHARGE
WITHOUT FINAL SCREENING UNIT**



**MAGNETIC CONVEYOR
CROSS-DISCHARGE**



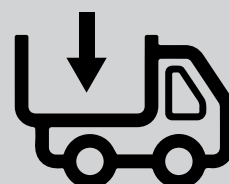
HYDRAULIC HEIGHT ADJUSTMENT

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



FERROMAGNETIC MATERIAL

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

The main purpose of the separation of metal is the elimination of ferromagnetic contamination from the crushed feed material.

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.



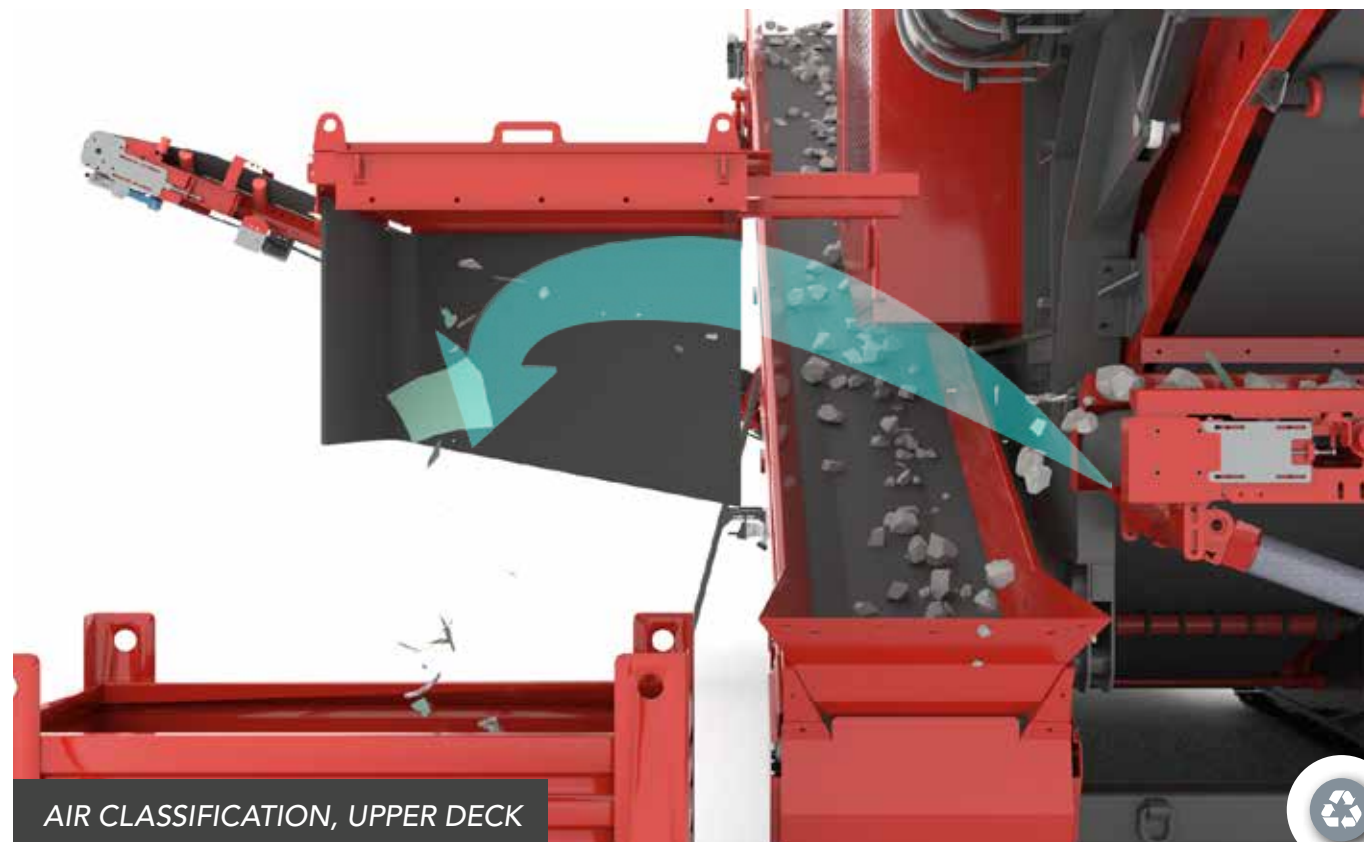
**MAGNETIC CONVEYOR, LONGITUDINAL
DISCHARGE, GIGA**



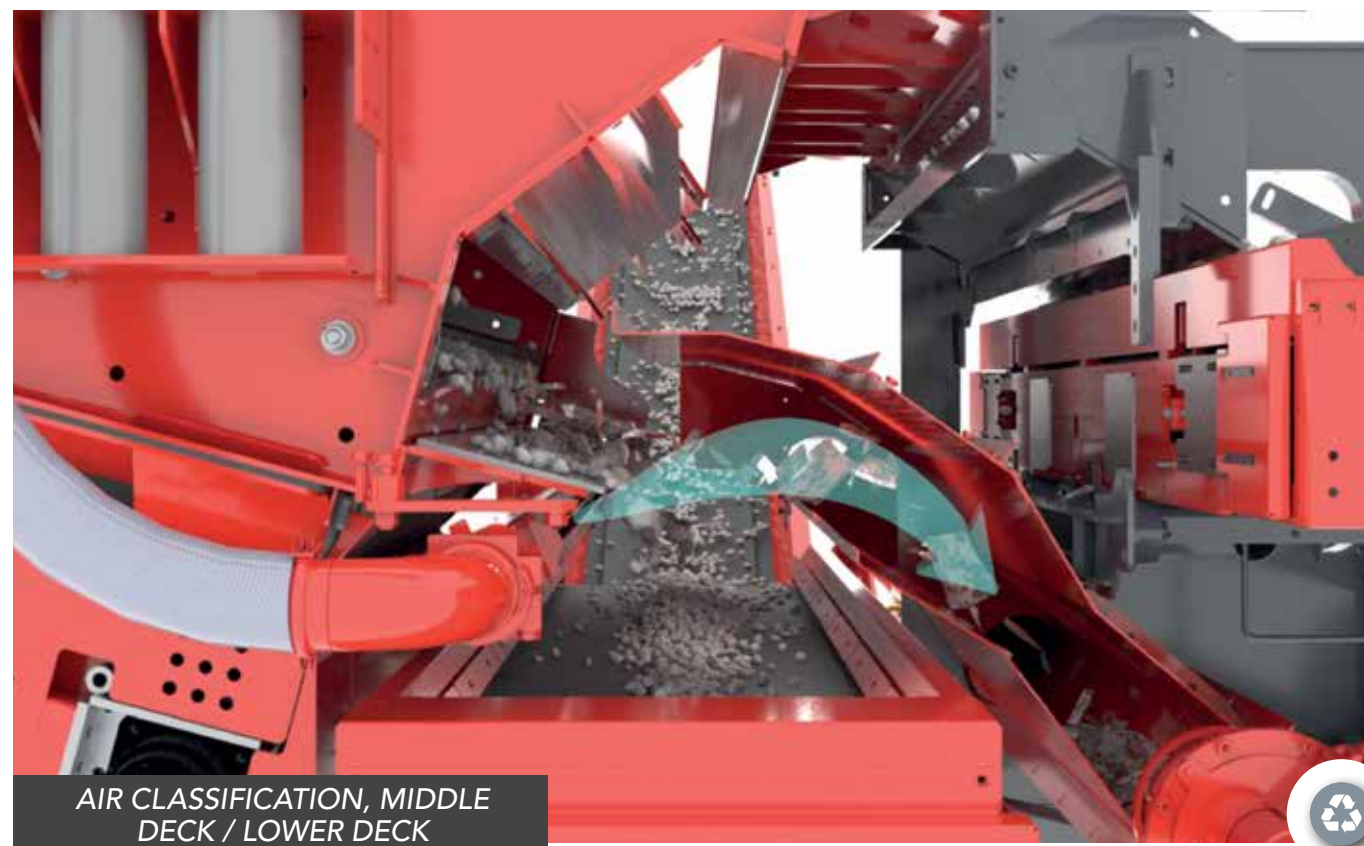
MAGNETIC CONVEYOR, LONGITUDINAL AND CROSS-DISCHARGE

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.



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.



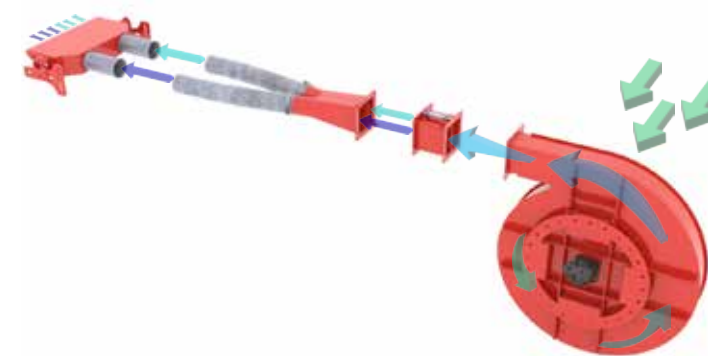
On the middle or lower deck, the smaller light materials are separated out from the material flow distributed across the entire width of the screen with the aid of a highly precise cross lance. The light materials are then removed to the side of the plant via an outlet channel with air ejection.



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

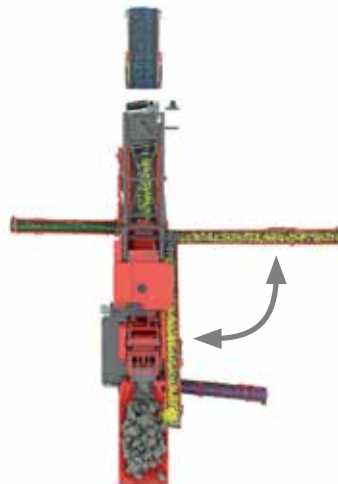
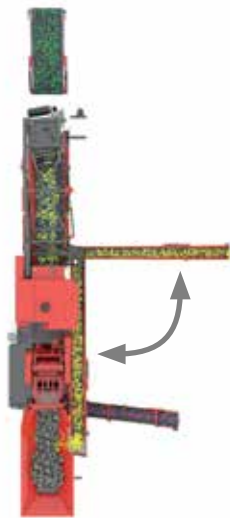
The powerful, large area final screening units couple to the plant very straightforwardly without additional lifting equipment. These one- or more-deck units significantly reduce the weight of the plant and greatly simplify access to the screen deck.



2-DECK WITH SCREEN DECK COMBINATION



2-DECK WITH SIDE DISCHARGE FOR LOWER DECK



TRANSPORT POSITION, GIPO B GIGA



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

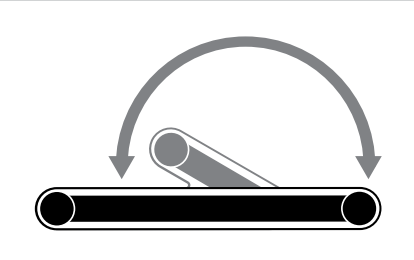
GIPO AG offers a broad range of conveyor belts with form and functions optimally matched to the needs of the customer. There are no limits to the application area for the conveyor belts because they are suitable for transporting all materials.

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.



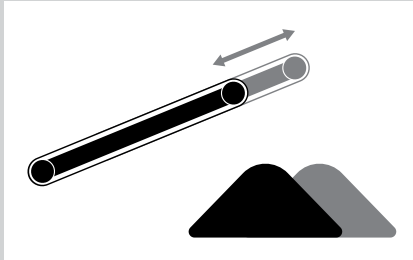
Protective hoods – Our protective hoods offer a high degree of safety during crushing. Thanks to their careful design, the hoods are robust but can nevertheless be removed very easily. In addition, the conveyor belt covers reduce the amount of dust produced in strong wind.

FOLDED POSITION



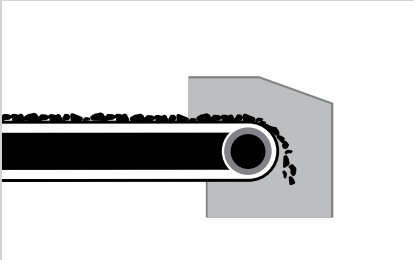
The conveyor belts can be placed in various transport positions to minimise the transport dimensions.

DROP HEIGHT



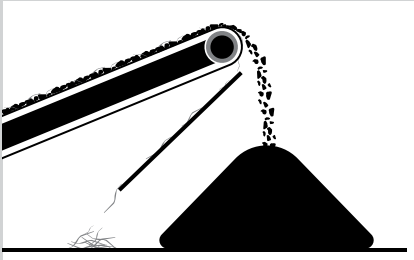
Customer wishes can be optimally addressed due to the flexible selection of the drop height.

COVER



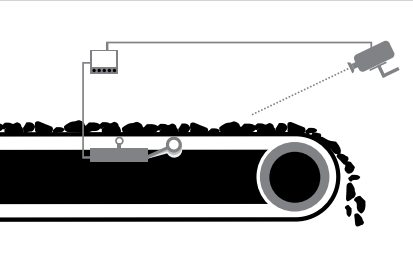
The discharge hood as well as aluminium covers are not only for work safety, they also minimise dust emissions.

MAGNETIC DRUM



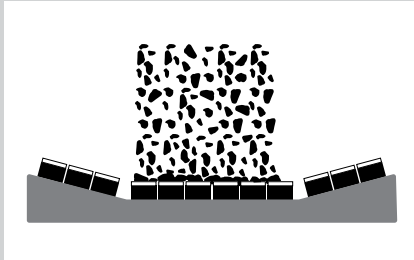
Ferrous metal discharge is further improved and the quality of the crushed material therefore increased by using the magnetic drum.

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.

TRELLPACT



The impact strips prevent damage and therefore increased wear. Optimal material distribution is also achieved.

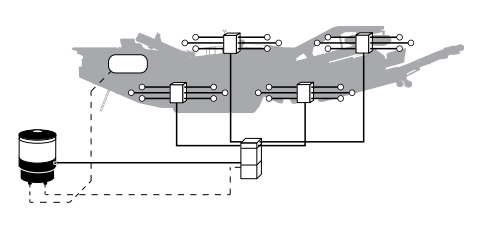
WORKPLACE LIGHTING

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.



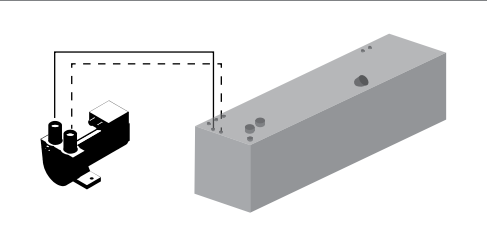
NOISE EMISSIONS

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



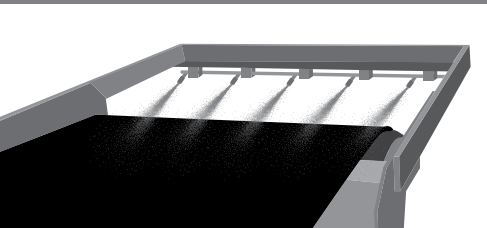
CENTRAL LUBRICATION

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

APPLICATION AREA UP TO
400 MPa
COMPRESSIVE STRENGTH

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**

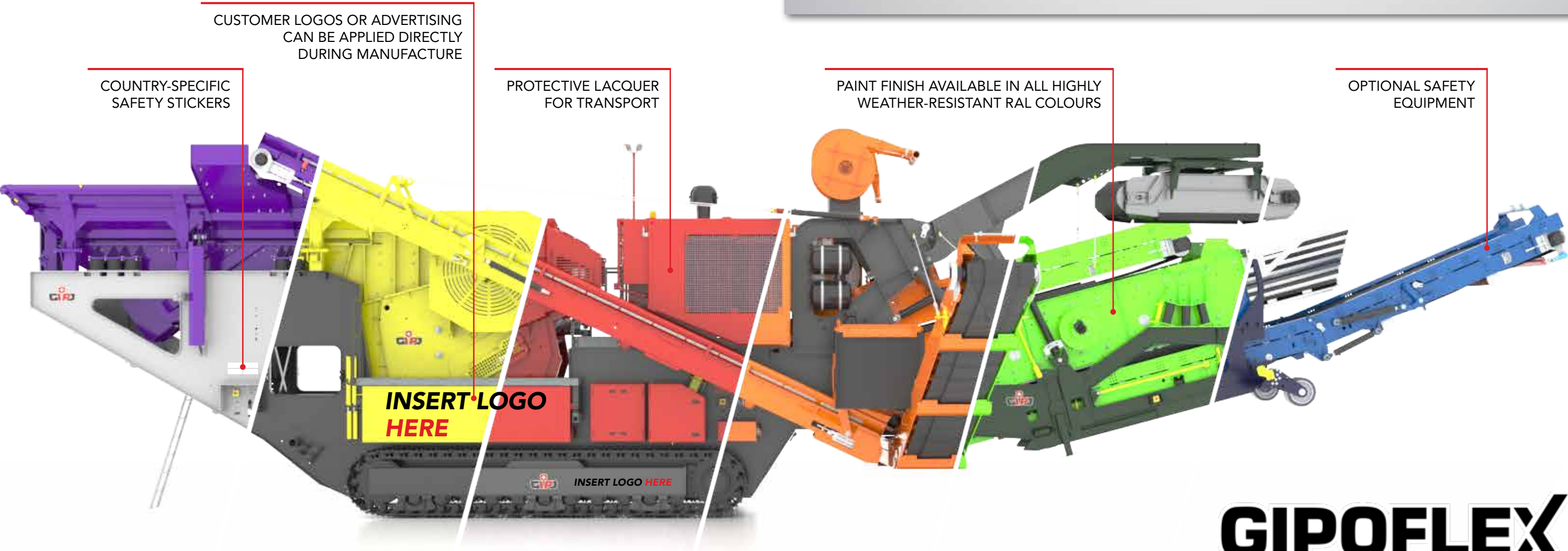
FURTHER SAFETY EQUIPMENT CAN BE MANUFACTURED TO CUSTOMER REQUIREMENTS.

**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.



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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Subject to technical change. Performance data are dependent on
the application conditions.