



ROCO9 LTD. 205A
CONCESSION RD
CROSSMAGLEN NEWRY

BT35 9JD

Helping you better
understand The
ICON 1100.

ROCO ICON 1100

01

SALES GUIDELINES 2025





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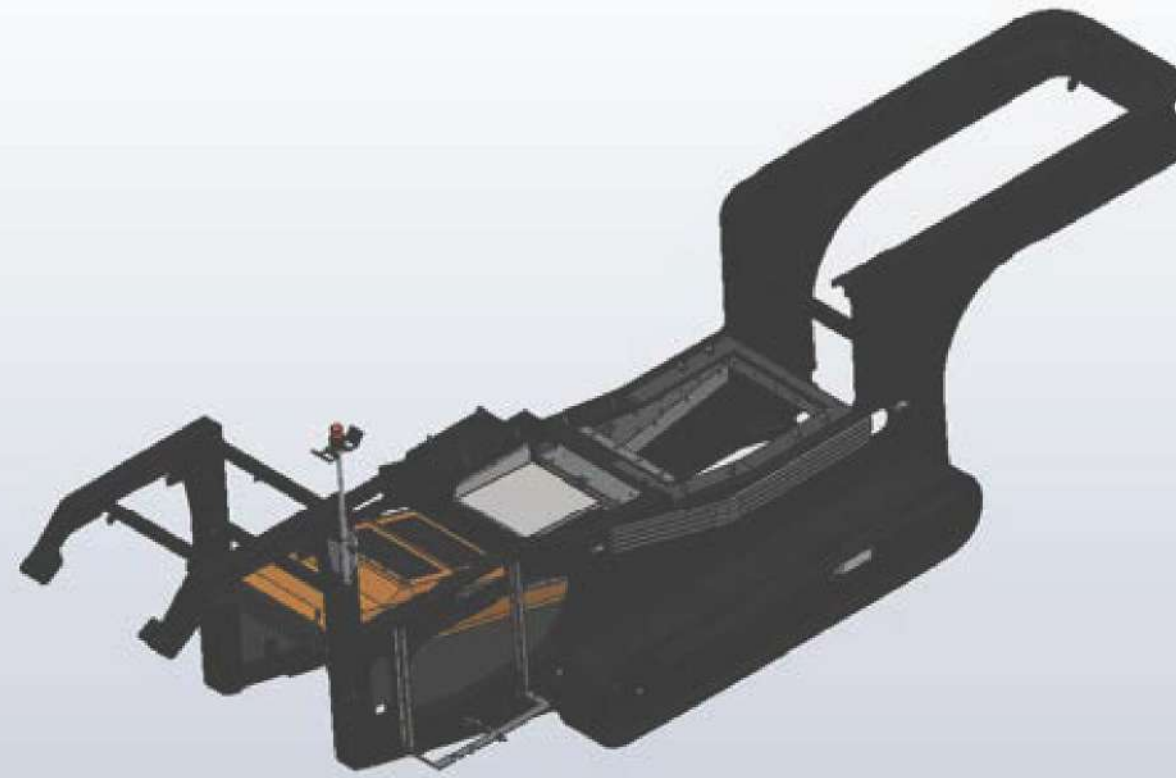
FEATURES AND BENEFITS

The ICON 1100 sets the benchmark for excellence in the recycling, demolition, and contractor rental market as an innovative and compact primary impact crusher. This uniquely designed impactor is tailor-made to meet the most demanding challenges while ensuring exceptional efficiency and unparalleled ease of operation and maintenance.

- Diesel / Electric HYBRID With Electric Grid Plug-In (100% electric) AS STANDARD
- 40% Fuel Saving In Comparison To Same Class Diesel-Hydraulic Crushers.
- Independent 2 Deck Pre-Screen Feeder as standard.
- Proven Crushing Technology.
- Rock Shelf (Stone On Stone Crushing).
- Unrivalled Work Access For Maintenance.
- Quick release Demountable Recirc unit
- 180° Radial Fines And Overband self cleaning Magnet.
- Fully Sealed Conveyor Tunnel.
- LED Work Lights.



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CHASSIS

Compact yet robust chassis design that offers the operator maximum advantages when operating and maintaining their ICON 1100 impact crusher. Remaining at only 2.6m / 8'6" total width and an overall minimum height of 3.4m / 10' 6" allow for permit-free transportation. With bolted-on 3.3m / 10' 9" long track frames, fitted with oversize 3500cc gearbox drives, combined with 2-speed tracking allows the ICON to remain very agile on rough terrain. The 2-speed (low speed) while tracking also offers extra torque and safety when loading onto embankments on work sites or transportation trailers. Generous ground clearance at the front and rear of the chassis allows for seamless loading/unloading for transport while also offering greater access to the operator for maintenance.

The lower part of the discharge conveyor is protected by 2 heavy-duty chassis cross beams protecting it from getting damaged by gravel build-up on the ground while tracking.

Access to the feedbooth / feeder chute work is greatly enhanced by the hinged fines conveyor which is suspended from the rear of the chassis.

Dust suppression manifold fitted with 3 x water tap outlets, sprinklers installed to top and bottom of crushing chamber and also on the end of discharge conveyor.

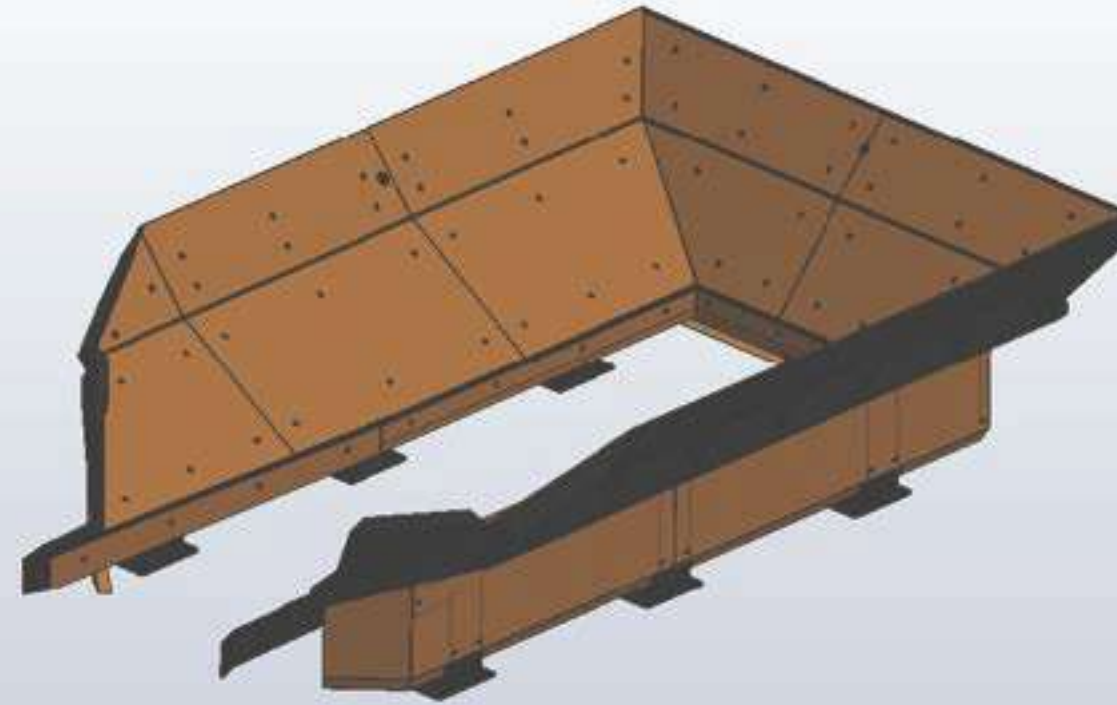
Keeping the power unit on top of the chassis gives it the best chance of not getting damaged in comparison to other compact mobiles that place the engine under the feeder. More importantly, placing the engine on top decreases the chances greatly of inhaling dust while also keeping cool. By not placing the Power unit underneath the feeder, the design has allowed Roco to offer its 180-degree radial conveyor and easy access to adjustable feeder motors and independent pre-screen mesh changes.

With a practical layout of controls, hydraulics and service points all at ground level, combined with LED work lights, the ICON chassis design is a joy to perform operations and maintenance on while also creating a safe environment to work in.

Note, all steel structures are earth-linked and all-electric assemblies are connected to a backup earth leakage switch for further enhanced safety.



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HOPPER

The ICON 1100 comes complete with a 5m / 7 cube hopper capacity as standard. Utilizing trouble-free fixed hopper extensions allows for accepting generous feed by wheel loaders, Telehandlers or large excavator buckets. It also eliminates the need for any operator to climb onto the hopper for pinning of extensions as they are permanently fitted.

The main hopper has replaceable 6mm Hardox wear liners installed for further protection and ease of repair AS STANDARD. Its tapered design encourages materials to move forward with ease towards the crushing chamber. The 3-piece hopper extensions can be removed individually or all together to reduce feed-in height or for a more desired lower transport dimension if required.

Hopper Dimensions

Length - 3.4m (11' 2")

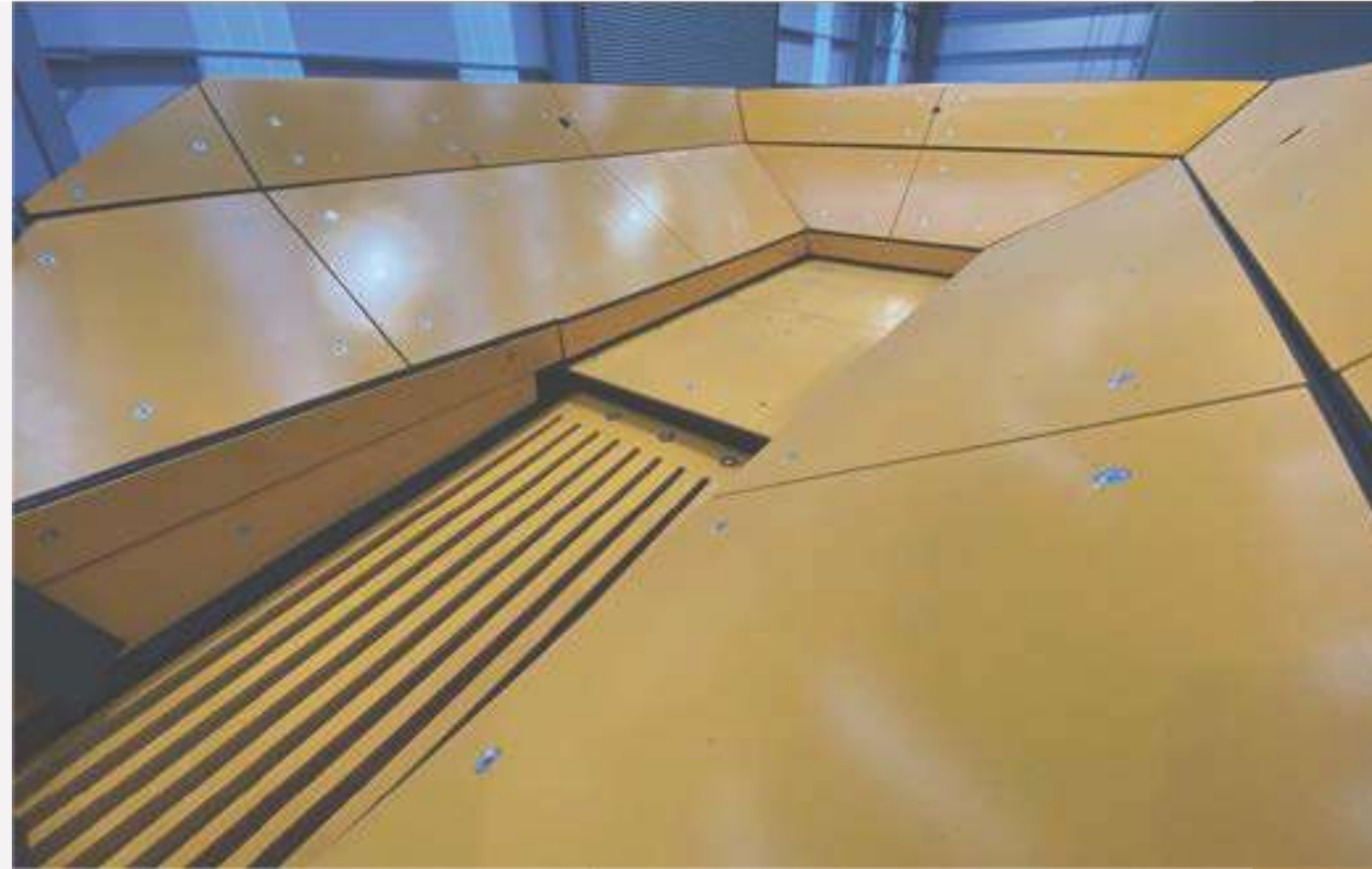
Width - 2.5m (8' 2")

Height - 3.48m (11ft 5") Extension Fitted / 3.2m (10ft 5") Extensions Removed

Heaped Volume - 5m³ (7yd³)



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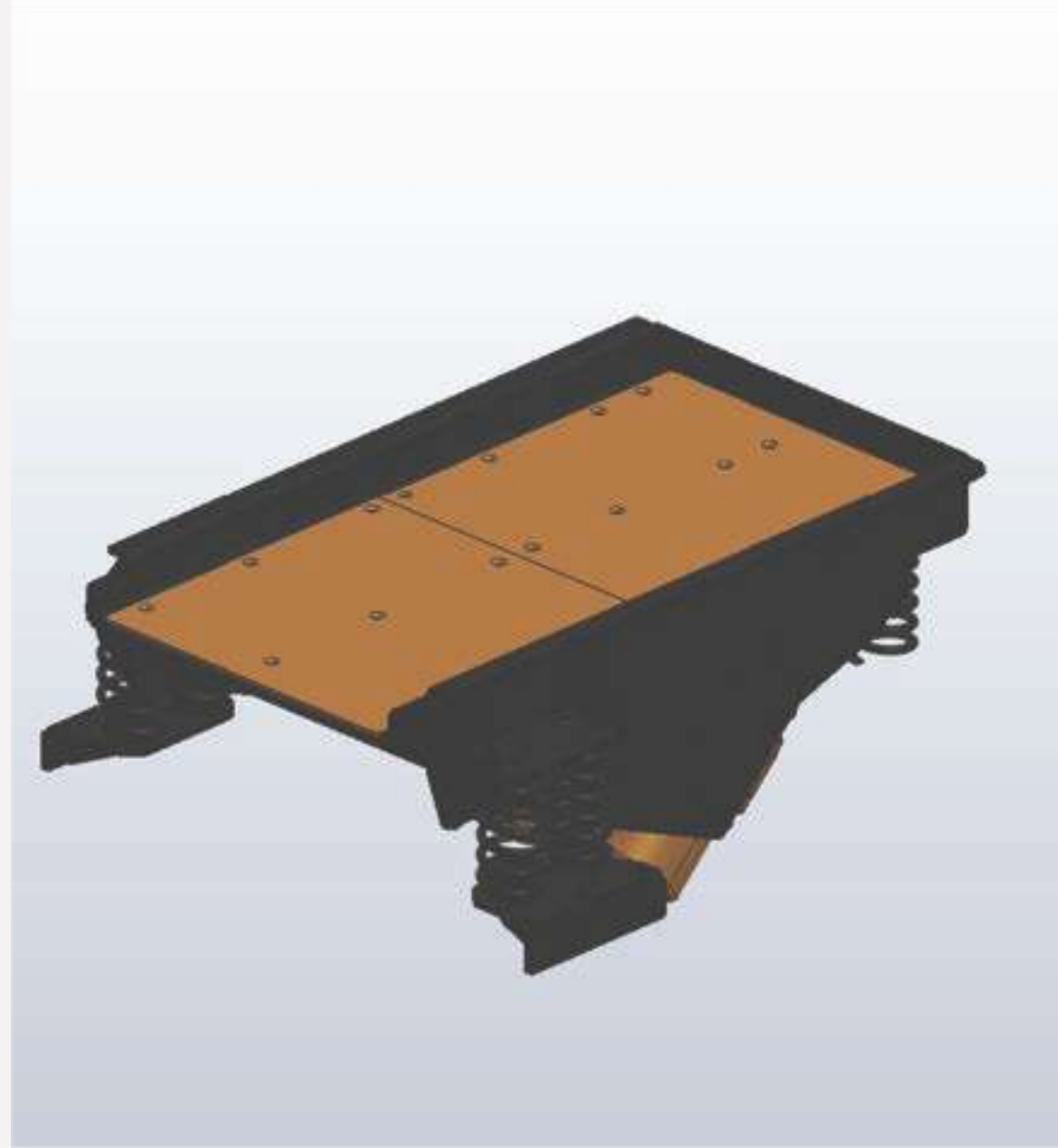
FEED SYSTEM

Overview

The ICON's high-energy feeder system is a 2 piece system. The rear feeder is driven by 2 x 2.5kw/1000rpm vibrating motors with adjustable frequency.

The rear feeder can be set manually or to automatic feed function where it regulates a safe continuous flow of material to the independent pre-screen for maximum efficiency. The feeder floor is protected with 20mm / 3/4" hard-wearing Hardox 2-piece wear liners that are resting on rubber plates to help ease shock absorption which are also easily replaced when worn.

This feeding system ensures maximum throughput and also reduces wear rates due to a high percentage of fines material getting extracted before entering the crushing chamber.



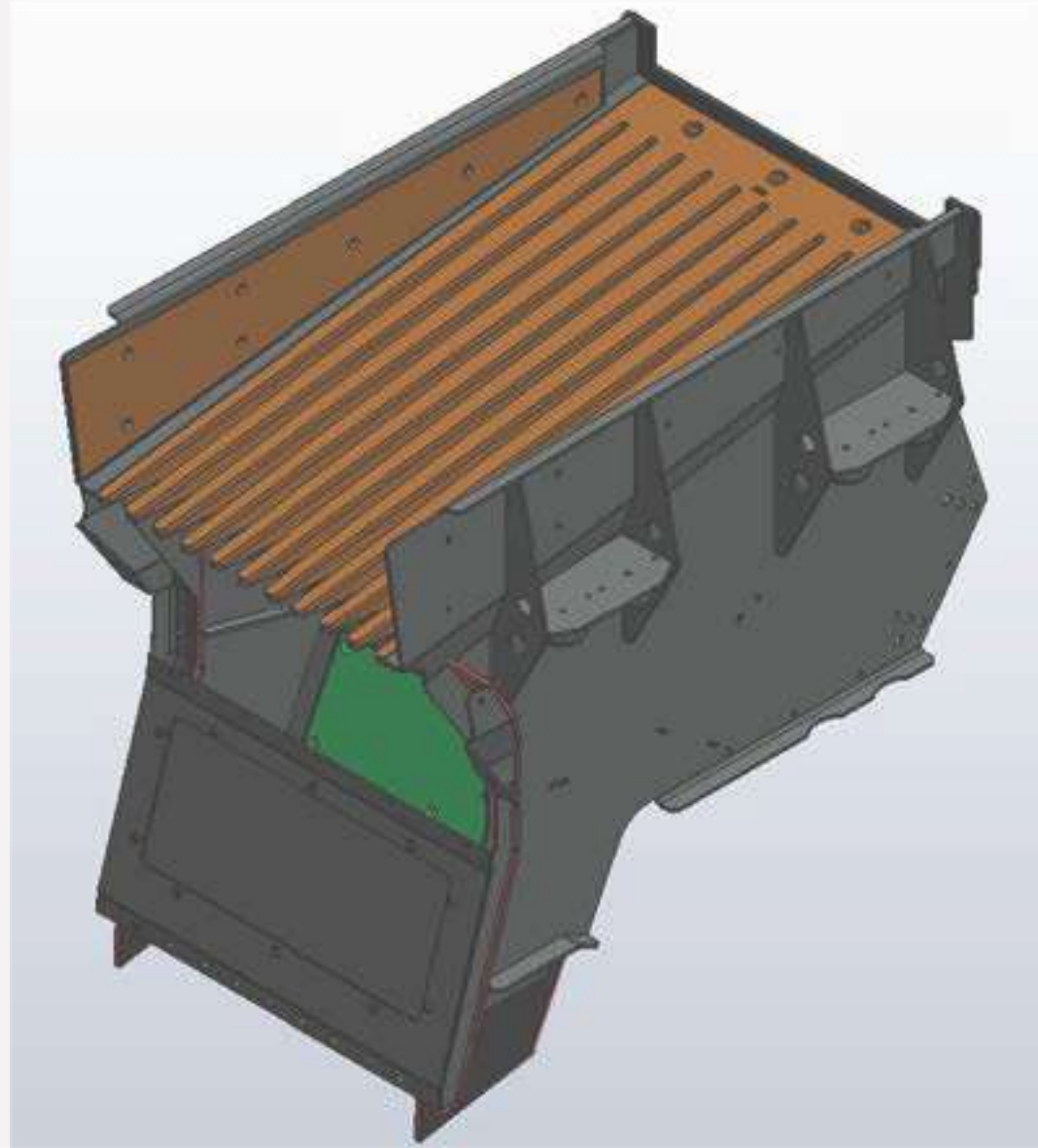


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INDEPENDENT PRESCREEN



The ICON features a fully independent 2-deck pre-screen as standard. The rear feeder will feed a regulated feed onto the pre screen while it monitors crusher load, resulting in a continuous flow of screened material.

Fitted with 2 x 2.5kw vibrating motors operating a continuous 1000rpm it excels in its screening duty. The 1.7m / 5' 6" long screen is fitted with Hardox grizzlies or punchplate on top. Fine materials can by-pass the chamber and can be directed towards the discharge conveyor via a blanking mat or exited through the radial fines conveyor if desired.

Further precise segregation can be performed by inserting screen mesh on the 2nd deck of the pre-screen for a regulated size requirement. exiting on the radial fines / dirt conveyor.

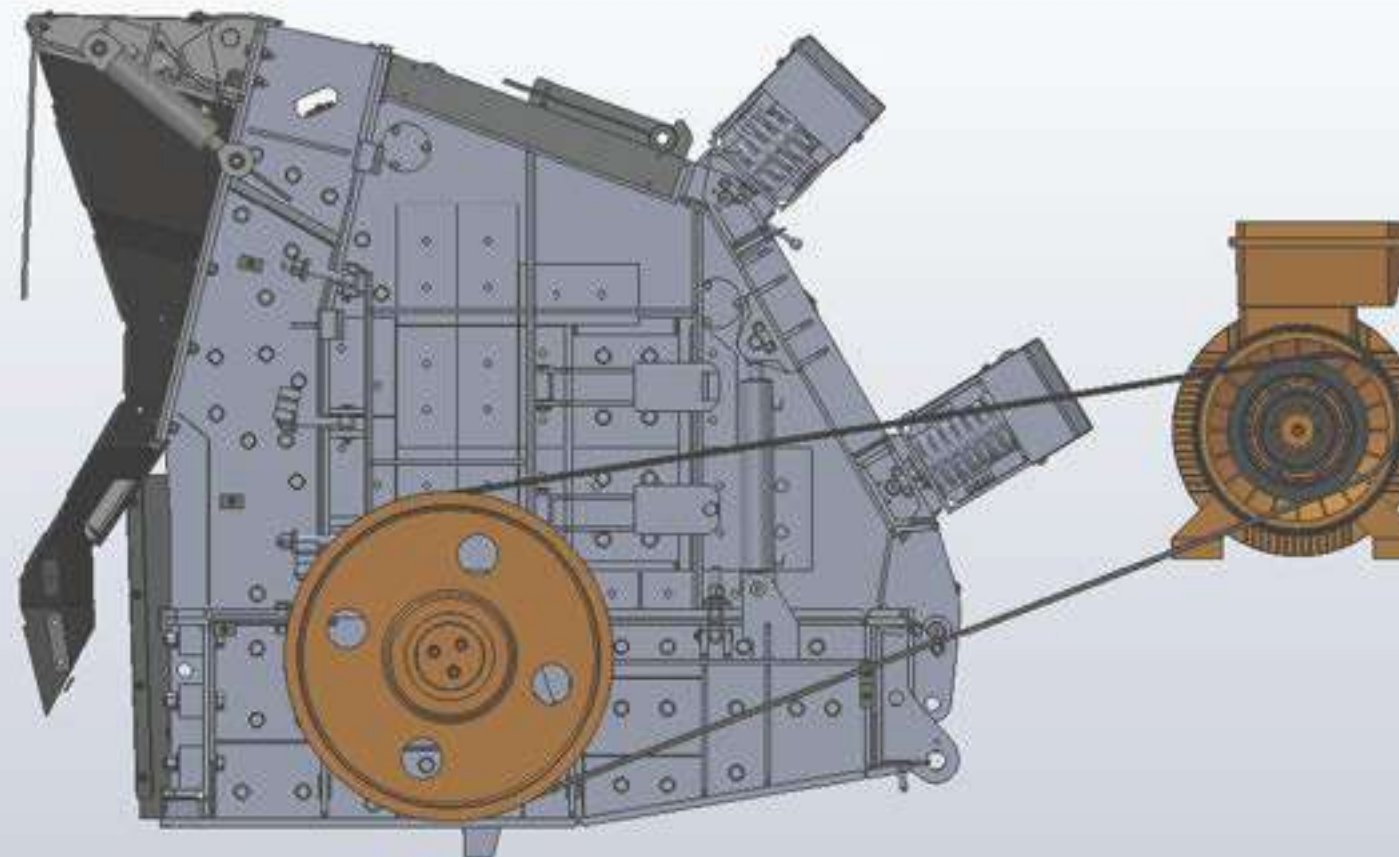


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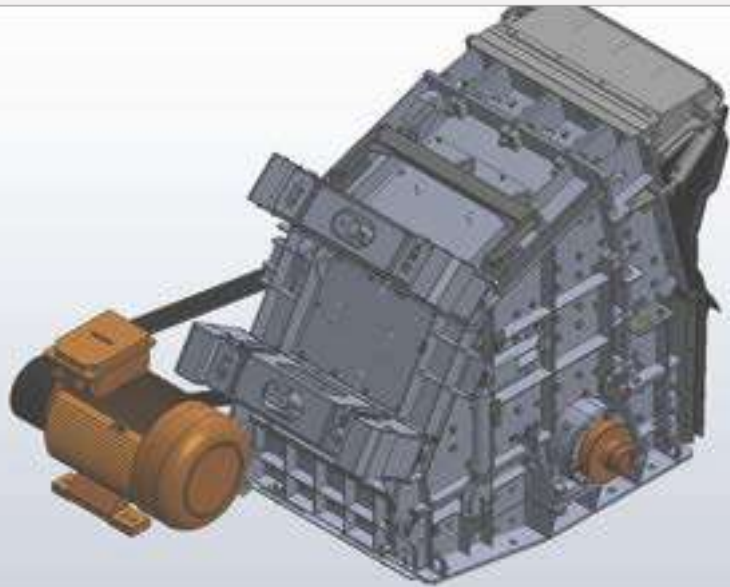
CRUSHER



- Electric Amp Reader Installed To Prevent Crusher Overload.
- Automatic Feed System.
- 20-1 Reduction ratio
- Rockshelf For Maximum Down Sizing.
- Hyd Opening Crusher Box For Maintenance & Hyd Lid To Assist With Oversize Material Entering Chamber.
- Snag-free inlet design to encourage throughput.
- High-speed 650rpm crushing performance.
- Oversize 110Kw / 150Hp Electric drive motor & V-Belts
- Extra large opening panel for easy access to inspect or change drive belts.
- Reversible hammers for maximum use, 2 high, 2 low as standard
- Generous 20mm-150mm / 3/4" -5" fast hydraulic dual apron adjustment system.
- Central greasing point.
- Excellent 600mm (2') clearance to discharge conveyor
- Best suited for soft aggregate materials, Recycling, Limestone, coal, Asphalt applications.



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CRUSHER

The ICON crushing chamber is driven by a high-powered 110kW electric motor, ensuring robust performance, efficiency and full torque. Overload protection is integrated to safeguard the system during operation. The design includes dual hydraulic adjusting aprons along with a 3rd apron/rock shelf for versatile and precise control over the crushing process.

The 1m / 40" wide 4-bar rotor, with a 20-1 reduction ratio and a 20mm closed side setting (CSS), delivers optimal crushing results. The equipment is engineered with an oversize shaft and bearings, coupled with 768kg / 1700lbs of blow bars (4 no), ensuring durability and reliability in the most demanding applications.

Full access for daily checks and maintenance is achieved through an inspection door and also by full opening of the chamber via hydraulic cylinders. The crusher inlet is also hydraulic adjustable and can be opened to allow oversize material to pass through. A double curtain chain and hanging rubber help to prevent any small pieces of materials from ejecting from the chamber

Full safety lock-out system ensures crusher start-up is disabled while maintenance is being carried out. Each crusher is equipped with a blow bar lifting tool which greatly assists for turning or replacing hammers when required.



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CRUSHER TECHNICAL

| | |
|----------------------------|--------------|
| FEED OPENING WIDTH MM (IN) | 1070mm / 42" |
| FEED OPENING DEPTH MM (IN) | 710mm / 27" |
| POWER kW (HP) | 110kW/150HP |
| SPEED (rpm) | 650rpm |
| | |
| PRODUCT SIZE MM (IN) | TPH (US) |
| 0-20 / 3/4" | 80-110 |
| 0-38 / 1.5" | 100-140 |
| 0-50/ 2" | 120-160 |
| 0-60/ 2.1/4" | 140-170 |
| 0-75/ 3" | 150-180 |
| 0-90/ 3.5" | 160-190 |
| 0-100/ 4" | 180-220 |
| 0-125/5" | 240-275 |

The above figures represent throughput crusher capacities, which are based on a feed material with an average specific gravity of 1.8 - 2.0 /m3 For average aggregates, calculate density at a maximum feed size that will enter the crusher without bridging and material finer than the crushers closed side setting removed. The capacities may vary depending on the feeding method and on feed characteristics such as gradation, bulk density, moisture, clay content and crush ability.

Measurement of the crusher’s closed side setting varies depending on the apron adjustments settings being used and impacts the crusher’s capacity and product gradation. The following factors will enhance crusher capacity and performance.

1. Proper selection of hammers and conditions of wear
2. Correct feed gradation
3. Controlled and continuous feed rate from Excavator
4. Correct feeding procedure to maximize pre-screening.

For a performance estimation for your specific application, please contact ROCO support.



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PRODUCT CONVEYOR (MAIN)

A generous oversized 1000mm (40") discharge RIP-STOP conveyor prevents spillage and a clear path for the crushed material to exit the chamber. Driven by a high torque 7.5kw electric driven head pulley at 1.25-1.5m / 5ft per second, the main conveyor effortlessly handles high tonnage demand. Fitted with a full impact bed area directly below the crushing chamber, the discharge conveyor is highly protected from falling materials and harmful steel re-bar.

With a very generous 600mm / 2ft clearance underneath the chamber, steel metal is prevented from nesting in that area. Access to the rear feed booth area is enhanced via its hinged radial conveyor which offers unrestricted access for maintenance.

With the use of hard-wearing polyurethane wear strips instead of the traditional troublesome wing rollers, the high-quality heavy-duty RIP-STOP / Tough Flex conveyor is protected from rollback materials entering inside the conveyor and blocking up centre rollers. Top-quality replaceable teardrop scrapers and plough scrapers are installed for further maximizing the life expectancy of the belt.

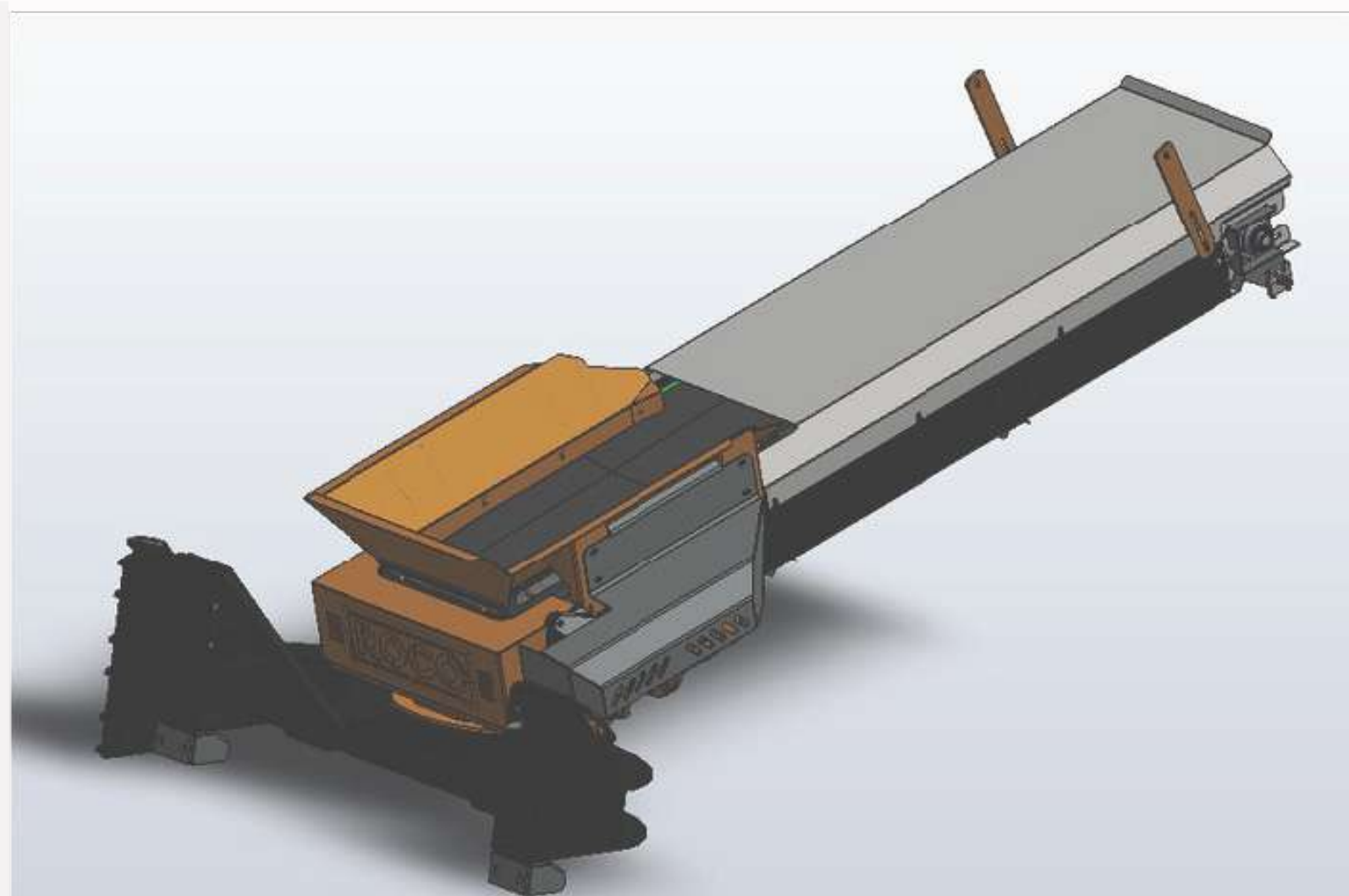
With the use of hydraulic cylinders, the discharge conveyor can be lowered for ground-level maintenance while creating super access for any maintenance procedures. With a snag-free full tunnel design, steel rebar and bulky materials are prevented from getting caught or causing any damage to the surrounding chassis or structures. With the use of Rulmeca head and tail pulleys there is NO greasing required and therefore lower maintenance costs. Full powder-coated dust covers, combined with dust suppression system help minimize dust issues.

As a safety precaution, should the discharge conveyor stop for any reason during use, then the feeder system will automatically stall to prevent any further build-up of material entering the crushing chamber.



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RADIAL CONVEYOR



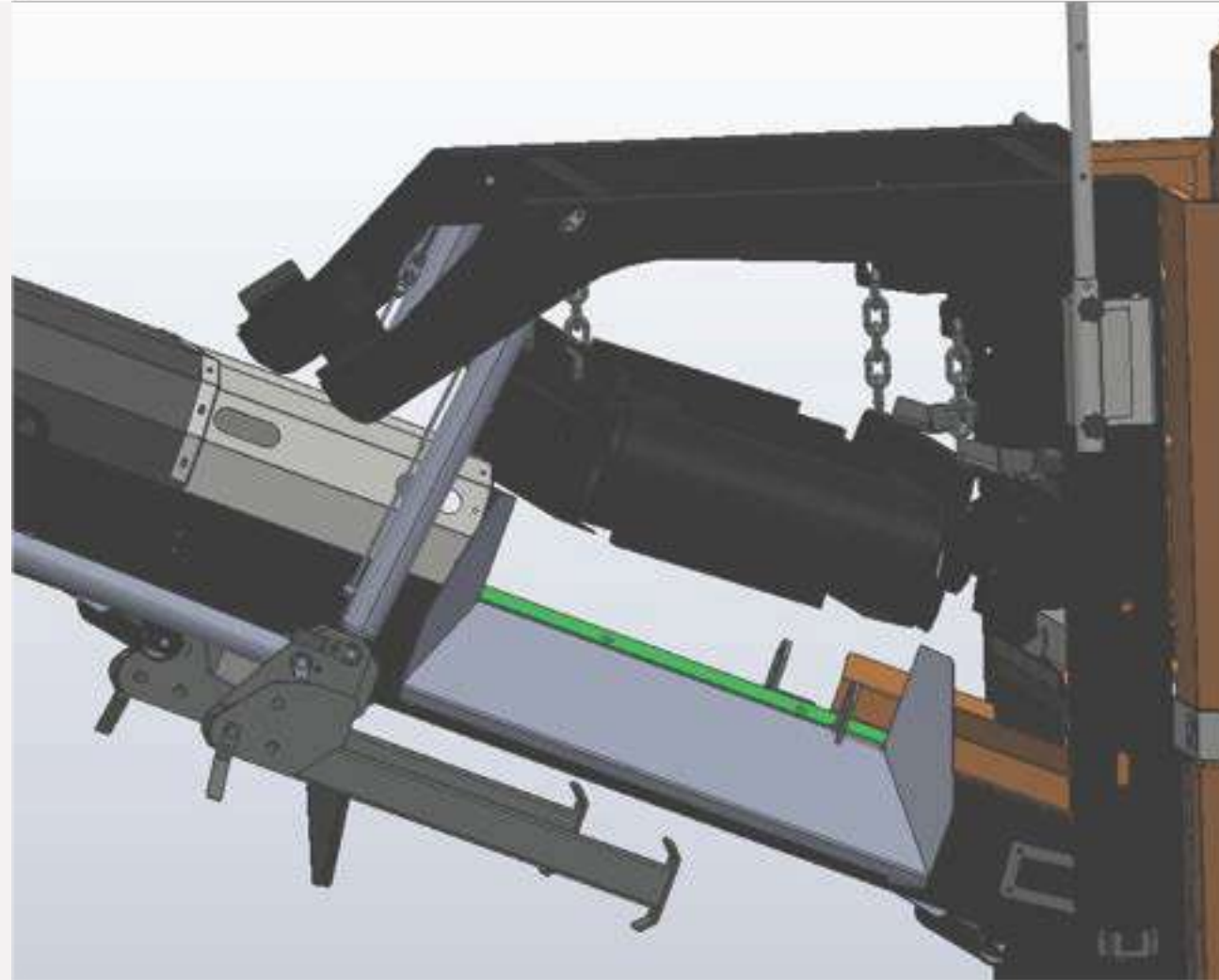
The ICON 1100 features a very unique and versatile 180° 600mm / 2ft wide radial fines conveyor, providing operators with extensive left or right flexibility for efficient stockpiling or seamless transfer of their preferred fines material in confined spaces.

This conveyor system is bolted to a hinged pin assembly on the chassis, which offers the operator the unique option to swing out the full fines conveyor assembly and offer full access to the underside of the crushing chamber and main discharge conveyor tail section. For added convenience, radial conveyor can be held in any position when chosen to be bypassed. Fine material will still fall through the top grizzly and bypass the chamber however, material is prevented from exiting the side conveyor by a blanking mat fitted over the from the chassis creating the option for a second deck mesh.

At ground level, a robust 3kw motor and gearbox with a set speed of 1.75m / 6ft p/s drives the conveyor while hard-wearing polyurethane wear strips replace wing rollers for enhanced durability. The conveyor is further optimized with top-quality teardrop scrapers and the installation of a full powdercoated dust cover.



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OVERBAND MAGNET

A high-quality overband self-cleaning magnet is seamlessly integrated into the ICON design to efficiently remove ferrous metals from the crushed product. The system is powered by a reliable 1.5kw / 3hp electric motor and gearbox with built-in overload protection, ensuring safe and consistent operation.

Operators can easily place a collection bin / skip underneath the chute work to effortlessly collect the rejected metals without the need for manual labour.

The 750mm wide cleated belt is designed for optimal performance in handling all sizes of ferrous materials. Additionally, the system offers the convenience of raising or lowering the magnet via an adjustable chain link, providing operators with precise control over the separation process.

In applications with vast amounts of metal, the operator also has the option to lower the main discharge conveyor to the desired height to prevent maximum efficiency of metal removal without the fear of metals nesting or snagging underneath the magnet.



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POWER UNIT

Featuring a tailored, in-house built power unit bespoke designed for the ICON. The Power unit delivers exceptional efficiencies suited for all environments. The powerful Engine and Alternator (Genset) is built inside a fully enclosed galvanised steel powder-coated canopy. This super silent acoustic insulated canopy has an exceptionally low running noise of only 88dBa, The ICON'S Power unit is shielded from all-weather elements and fitted with an oversize tropical cooling system suitable for working in hot climates. Combined with extensive testing, airflow is pulled from one end of the canopy to the other to maintain optimum internal working temperatures. Special louver designs allow seamless airflow but help prevent any ingress of dust and moisture.

STG-V - (EU) - 155Kw @ 1500rpm - 50Hz - 220Kva

T4F / STG-V - (USA / CANADA)- 186Kw @ 1800rpm - 60Hz - 240Kva (Standard 2-year warranty directly via your local Cummins agency) T3 - (ROW)

Alternator Model: Leroy Somer LSA- 230kVA with winding abrasive air protection applied for enhanced dust and moisture protection. Gen Rated: 50Hz or 60Hz compatible.

ABB 4-pole Local Generator Mounted Circuit Breaker. DSE 7310 Auto start controller mounted inside the canopy, with engine, voltage and frequency protection built in. Additionally, An AREP is fitted to the alternator for independent AVR steady voltage control.

Note All ICON builds are compatible to work globally utilizing onboard diesel power or via local external power supply source.



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POWER UNIT CONT.

Engines and alternators (gensets) are internally rubber mounted to allow for any shocks or stresses while crushing. In the event of any major overhaul, the complete power unit can be easily dismantled from the plant if required. Connection to the control panel from the onboard generator is via colour-coded Power-Lock quick releases therefore enabling safe disconnection of the power unit in under 1 minute from the control panel.

Generous access to all areas of the power unit is achievable via 2 service platforms fitted to both sides. There are removable and hinged doors on both sides of the canopy for the ease of any maintenance procedures. Cleaning of the Cooling system/radiator is also accessible via a hinged access door while daily checks can be performed through smaller openings. Service points for both oil and coolant drain-off are externally located at ground level aiding the operator and helping prevent waste spillage but also resulting in safer and faster service times.

The ICON's bespoke Power unit system allows for unrivaled fuel efficiency which is typically 40% more efficient than traditional diesel-hydraulic crushers.

Recycling applications: 12-15 litres / 3.5 Gal fuel burn

Hard Rock applications: 15-20 litres / 4-5 Gal fuel burn per working hour

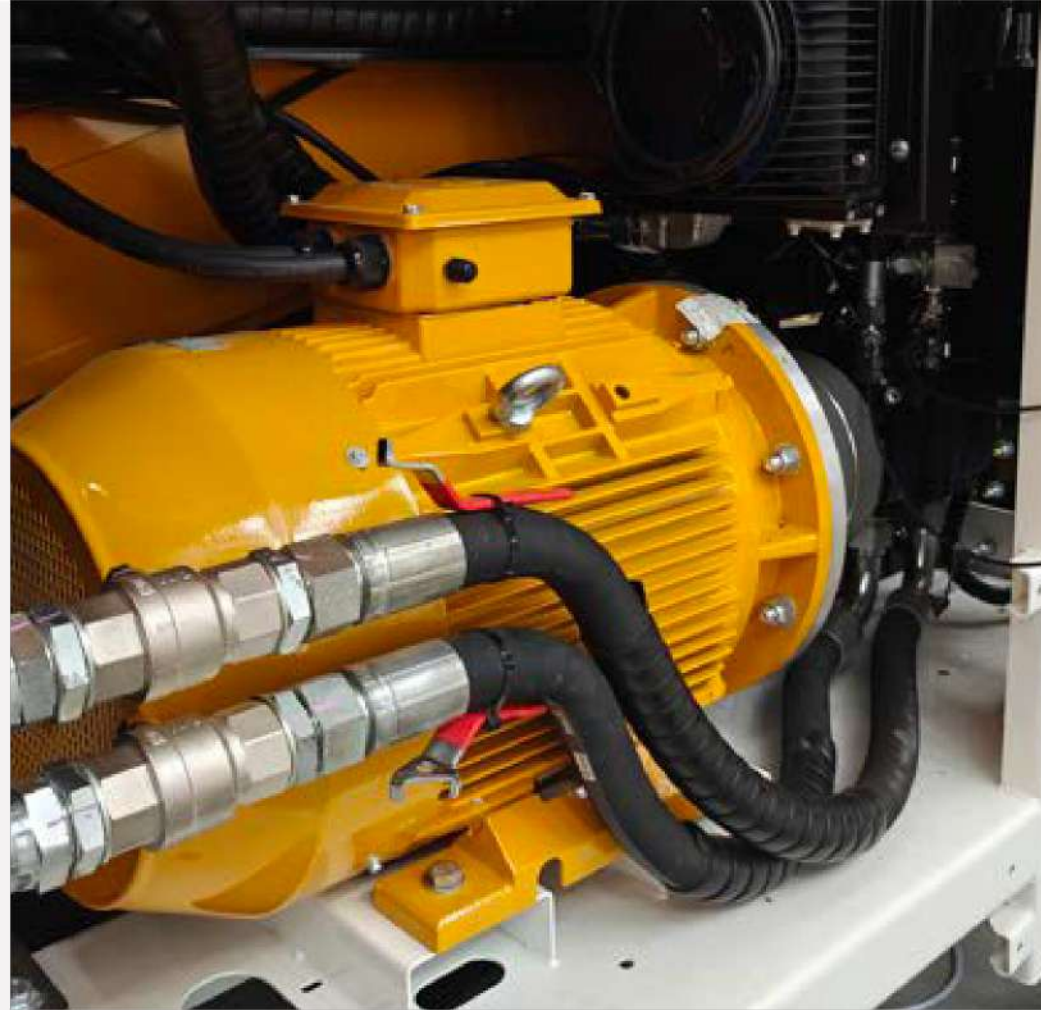
Note. Zero fuel burn while connected to local electric supply (Plugged-in)

All Power units are fully tested to 100% load capacity with an in-house load bank simulator, ensuring max working performances are met before installing onto the crushing plant. Canopy and internal designs have also been tested and approved by OEM engine suppliers meaning more comfort for after-sales support and warranty claims.



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TRACK/ HYDRAULIC POWERPACK

Heavy-duty top-quality track (DK) frames manufactured by Strickland. Bolted on design for minimized stress relief and ease of maintenance. Oversized PMP 3500 gearbox and 164 gear ratio allow The ICON high torque maneuvering and ease of climbing onto gravel or traveling on rough terrain.

The onboard hydraulics are powered by an oversized 37kw / 50HP electric powerpack and twin hydraulic pumps which ensure efficient and powerful output when required. This powerpack is only functional while tracking meaning no hydraulic oil is flowing while the plant is crushing.

- 2-speed tracking on demand
- Shoe Width - 400mm / 16"
- Length (Centres) - 3300mm/ 10ft 8"
- Gradeability - 32°
- Ground Pressure - 1.14kg / cm²
- Automatic oil cooler.
- Pressure and Hyd oil level sensor for maximum system protection.



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CONTROLS

Practicality is so important when it comes to a functioning machine and the ICON panel assists the operator in every aspect. We understand machines can be part of rental fleets or large companies with many operators so the operator's control panel was designed to easily function for even novice owners.

Using a colour-coded and labeled number system allows even strangers and multi-language users the easy procedure of starting and operating the ICON 1100 safely. The control panel is IP66-rated and comes with double locking doors for improved sealing. It is then further supported via a double fixing back plate while also supported underneath by 2 sturdy steel and anti-vibration rubber mountings.

Depending on the task, any operator can choose to start up the crushing procedure Automatically (Green) where all motors will start in the correct sequence or they also have the option to manually (Blue) start each individual motor drive which is very useful for testing certain components or carrying out maintenance procedures. All deployment procedures of the machine are performed through the (Yellow) hydraulic powerpack mode when selected. For safety reasons, it is not possible to track and crush at the same time.

In the event of any onboard fault, the failed electric drive will display a red light highlighting which electric component has stopped for quick and easy troubleshooting. Each electric motor is controlled through a contactor/breaker which trips in the event of an overload or failure for enhanced safety. This function is excellent in the event of a conveyor or magnet belt getting stalled by a large piece of tramp metal as it will stop operating when under too great of a load. For example, on hydraulic-driven crushers the belt will continue to spin and operate as normal resulting in a totally ripped and unusable belt which will need to be replaced.

Another serious benefit to the operator is that all internal connections are linked, meaning in the event of a discharge belt stopping for example the controls will shut off the feeder to prevent more materials from entering the crusher / stalled belt.



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CONTROLS CONT.

Every electrical component and all cables inside the control panel are labeled and numbered for ease of problem-solving while also accompanied by a wiring schematic. All internal components are from highly reputable recognized OEM global supply partners.

Being a Diesel-Electric machine this offers the customer a dual powered run option. They can choose to utilise the super efficient onboard Genset while working remotely or the option to run 100% from an external electric supply where available. This function is best utilised for carbon-monoxide-free working conditions. (i.e) In-door recycling centres, underground tunnels / mines or even in noise-restricted urban areas. The ICON 1100 is 100% electric driven, unlike most competitors that use direct engine-driven crushers or traditional diesel hydraulic builds.

To operate in full electric plug-in mode the control panel functions remain the same in any case. For enhanced safety, colour-coded Quick-release power locks are installed on the external front of the control panel which allows the operator to safely disconnect the onboard generator cables (also colour-coded) and then simply insert their onsite power cables into the same power lock connections.

Additional quick-release colour-coded power locks will be supplied with the machine for onsite connections with the correct country region colour scheme. External power connection points result in further enhanced safety, no operator needs to enter inside the control panel at any point.



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MODULAR RECIRC UNIT

- A fully Electric driven modular Recirculating closed system

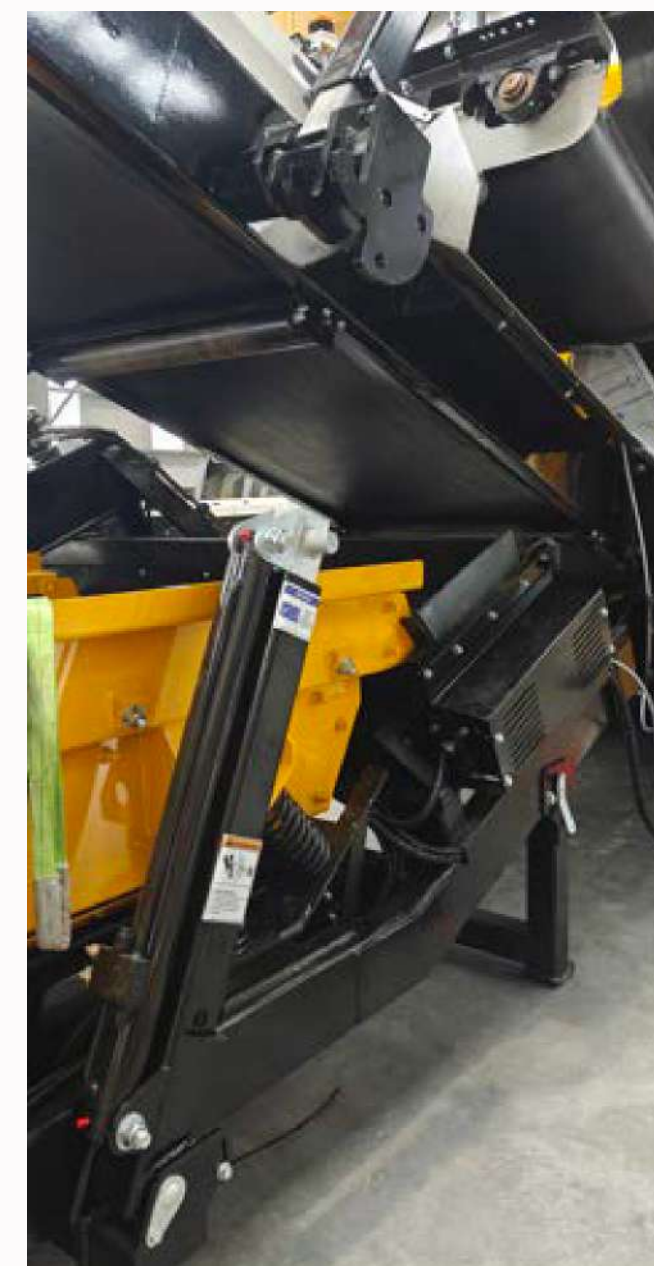
The ICON can offer customers a desired finished size product in one pass due to its fully enclosed recirc system.

Built on a sturdy demountable subframe, the complete recirc unit can be retained or removed from the ICON as required. Assisted by hydraulic cylinders and operators remote control, the modular unit can be removed safely in just a few minutes. As the full recirculating system is all Electric driven there are no hydraulic drives & oil leaking hoses to disconnect or in most cases getting damaged.

The independent electric control panel is rubber mounted and enclosed in a steel frame for enhanced protection.

The control panel is powered via 1 mains electric plug and using cross over components that can be found on all ROCO electric panels, this practical system is designed for quick and easy operations in the field.

The optional extra of a high performace electric driven Air-Knife / Wind Sifter can easily be mounted onto the recirc subframe when desired. Power source and controls for the air knife are installed as standard on all ICON builds meaning this optional extra can be installed at a later stage if required.





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POST SCREEN BOX

Bespoke designed all-Electric driven post screenbox

Huck bolted / laser cut screenbox operating at optimum frequency. Driven by 2 x Vibrating motors, the ICON's post screen excels with fines segregation due to its 1000Rpm run speed. Vibrating motor weights can be adjusted if and when required.

This unique vibrating All-Electric driven screen design does not use any center shafts, bearings or any motor couplings which offers much less maintenance and less vulnerability. (No Greasing required)

Side tensioned multi screen meshes offers the operator the choice of installing various mixed sizes of screen decks best suited for their application.

All Screenboxes are factory tested on an independent test frame prior to install.

- # Size Screen opening : 3m x 1.2m (10ft x 48")
- # Collection / fines conveyor 1200mm (48")
- # Hardox inlet chute for maximum durability



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RECIRC CONVEYORS

Efficient and clean conveying.

All conveyors are fitted with electric internal drive drums (Rulmeca) which eliminates the requirement for any greasing intervals.

With full remote control on the oversized recirculating conveyor the operator can safely maneuver for transport and various work positioning.

Fines Conveyor 1200mm (48")

Transfer Conveyor 500mm (20") - Air Knife compatible

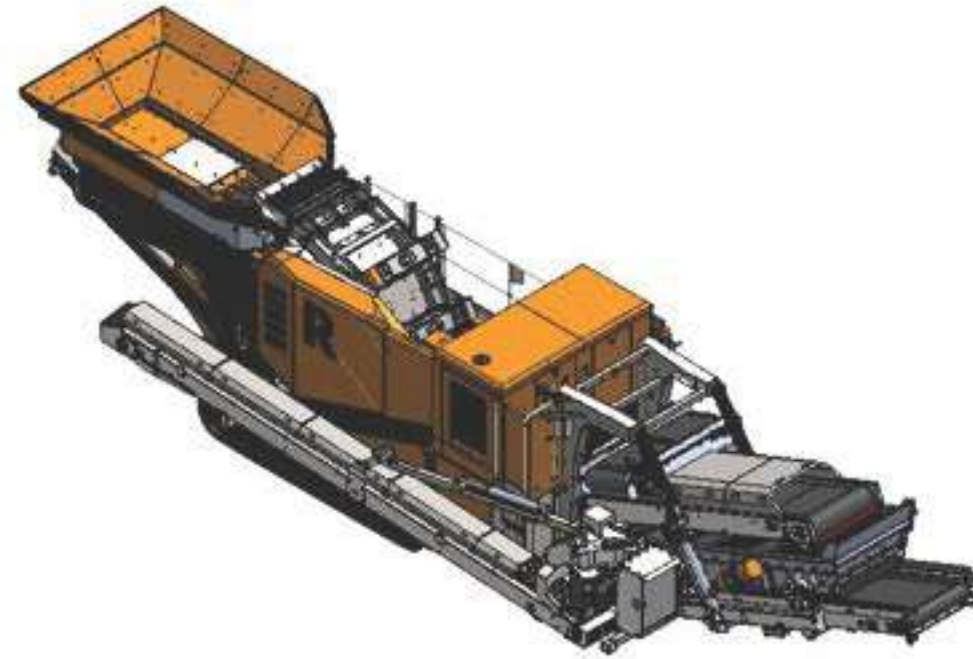
Recirculating Conveyor 400mm (16") (Chevron) C/W Anti Rollback Dust covers

Full automated start up sequence or independent controls.

A super benefit to the operator is that the recirculating conveyor can be used in a radial position to stockpile a clean screened oversize product if desired.



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STANDARD SPECIFICATION

The ICON comes complete with all the following spec included in our standard build

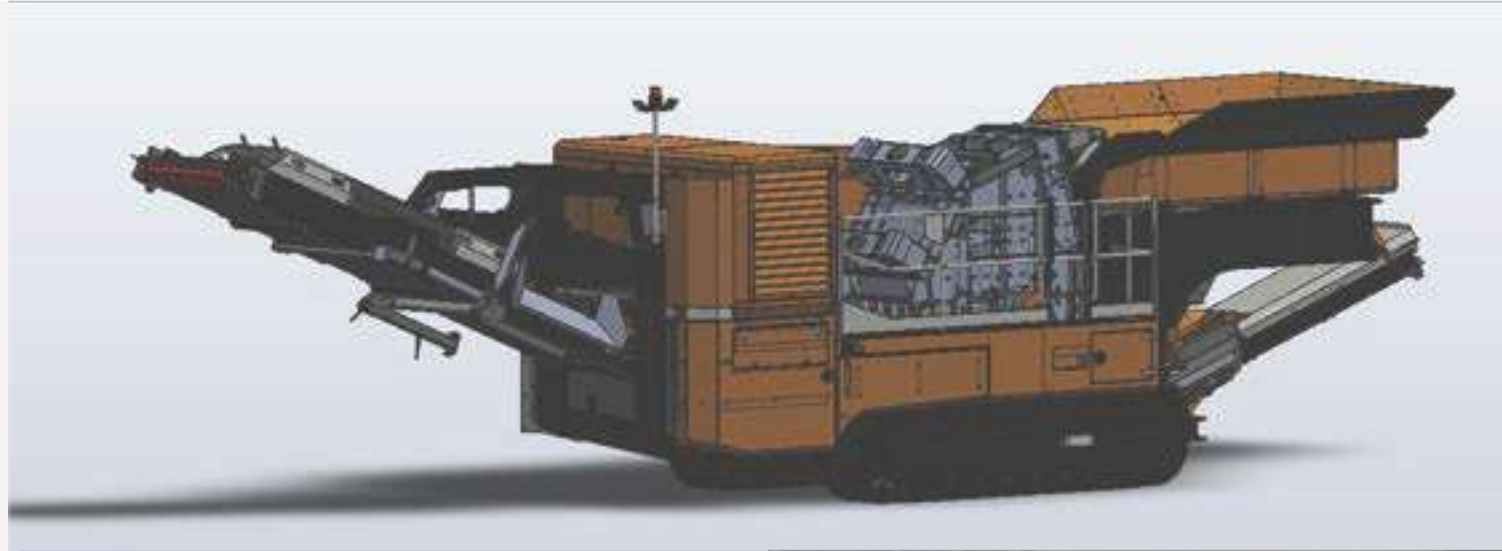
- 100% electric Plug-In run option
- 2 Deck Independent Pre-Screen feeder
- Adjustable Height Overband Self-Cleaning Magnet.
- Hydraulic Raise And Lower Discharge Conveyor
- Heavy Duty RIP-STOP / TOUGH FLEX main discharge conveyor belt
- Dust Suppression Sprinklers and water connection manifold.
- 180 °Radial Dirt Conveyor Or Option To Bypass Fines To Main Discharge.
- Adjustable LED Work Lights front and rear.
- Removable Hopper Extensions.
- Powder- coated Dust Covers on all conveyors + Fully Enclosed Discharge Tunnel.
- Central Greasing Points.
- 2 Speed Tracking With Oversize High Torque Drives.
- Hardox Lined Feeder & Hardox Fully Lined Hopper And Extensions.

Modular / All electric independent driven recirculating system, with radial oversize conveyor, also Pre wired for Air knife.

Remote control for recirc deployment



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OPTIONAL EXTRAS

- Radio Control - Tracks.
- Radio Control - Feeder.
- Pre wired wind sifter.
- Weigh Loader Scales.
- Electric driven air-knife for lights separation.
- Electric water pump
- Auto-greasing System

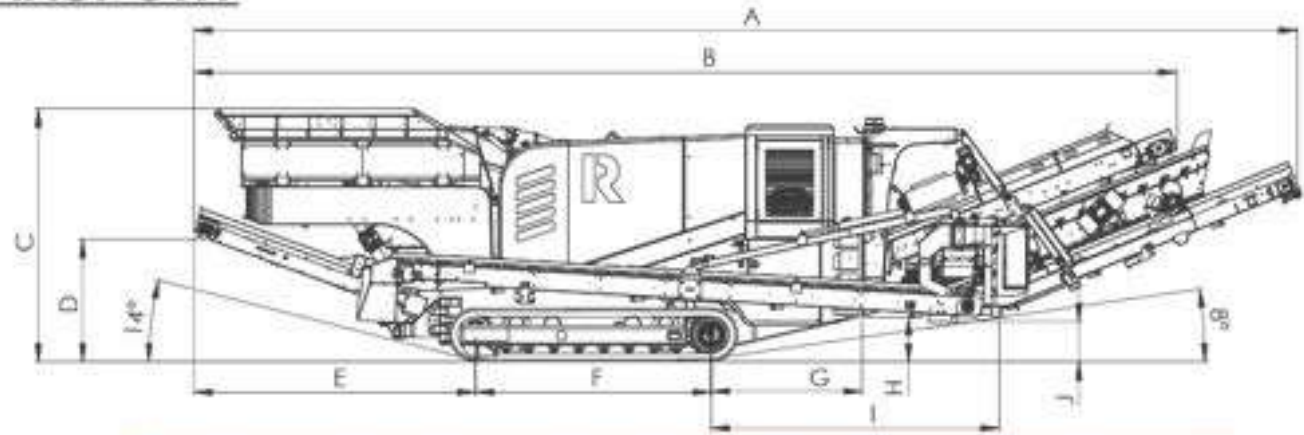




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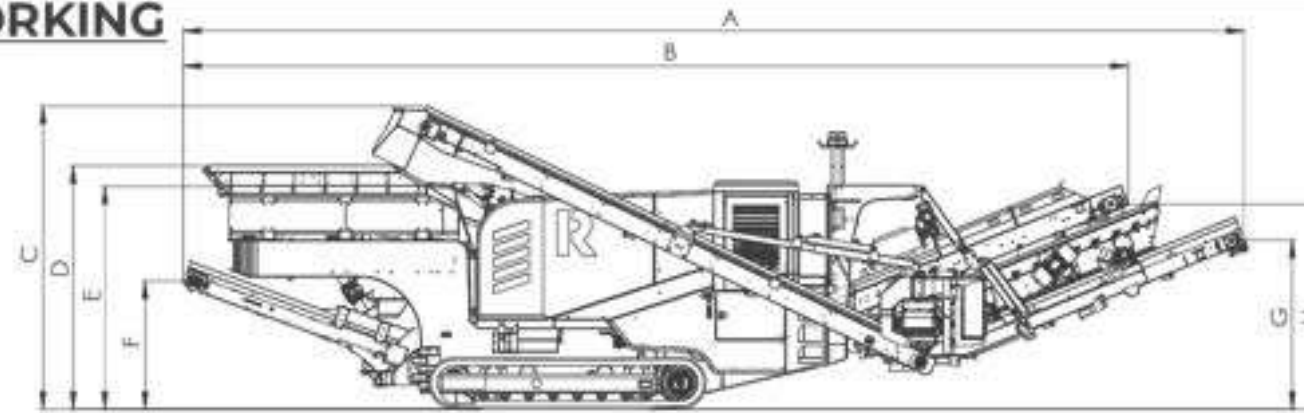
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TRANSPORT



| A | B | C | D | E | F | G | H | I | J |
|--------|--------|--------|-------|--------|--------|-------|-------|--------|-------|
| 15.2m | 13.5m | 3.5m | 1.7m | 3.9m | 3.2m | 2.1m | 611mm | 3.9m | 550mm |
| 49' 9" | 44' 3" | 11' 5" | 5' 5" | 12' 7" | 10' 6" | 6' 7" | 1' 9" | 12' 8" | 1' 8" |

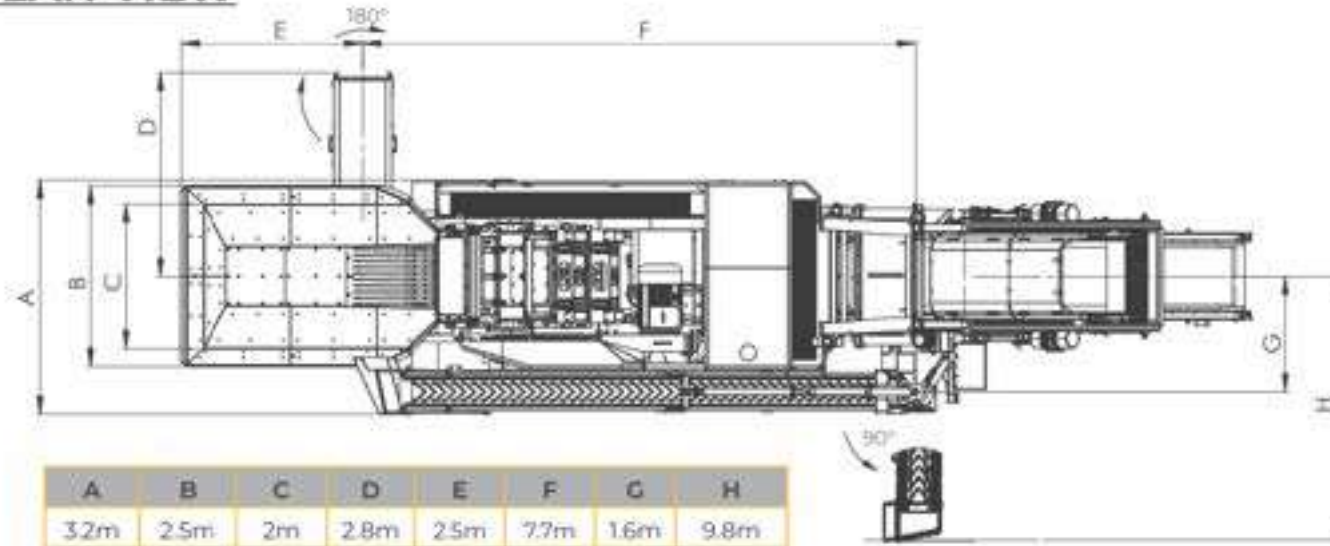
WORKING



| A | B | C | D | E | F | G | H |
|--------|--------|--------|--------|--------|-------|-------|-------|
| 15.2m | 13.5m | 4.3m | 3.5m | 3.2m | 1.8m | 2.4m | 2.9m |
| 49' 9" | 44' 3" | 14' 1" | 11' 5" | 10' 5" | 5' 9" | 7' 9" | 9' 5" |

DIMENSIONS

PLAN VIEW



| A | B | C | D | E | F | G | H |
|--------|-------|-------|-------|-------|--------|-------|--------|
| 3.2m | 2.5m | 2m | 2.8m | 2.5m | 7.7m | 1.6m | 9.8m |
| 10' 5" | 8' 2" | 6' 6" | 9' 2" | 8' 2" | 25' 3" | 5' 2" | 32' 1" |

- Length - Transport 15.2m (49' 9")
- Length - Working 15.2m (49' 9")
- Width - Transport 3.2m (10' 5")
- Width - Working 3.2m (10ft 6")
- Height - Transport 3.2m (10ft 6")
- Height - Working 3.4m (11ft 2")
- Weight - 36,500kg (80,000lbs)
- Easily Transported By Standard Trailer / Low Loader

COMPETITIVE ANALYSIS



ROCO9 LTD. 205A
CONCESSION RD
CROSSMAGLEN
NEWRY
BT35 9JD

| STANDARD SPECIFICATION | | ROCO | Rubblemaster | BBM | Terex | | | Kleeman | McCloskey |
|------------------------|-----------------------------------|------------------------------|--------------------------|-------------------------|--------------------|--------------|-------------------|---------------------|--------------------|
| | | ICON 1100 RECIRC | RM 100GO | Remax 300 | Evoquip 290R | Finlay i110R | Powerscreen 230SR | MR100 | I3CR |
| General | Transport Length | 15.2m | 14.7M | 14.6m | 14.8m | | | 12.8m | 14m |
| General | Transport Width | 3.2m | 2.8m | 2.9m | 2.9m | | | 2.55m | 2.55m |
| General | Transport Height | 3.4m | 3.2m | 3.2m | 3.2m | | | 3.2m | 3.1m |
| General | Weight | 36,500kg | 35,000kg | 36,500 kg | 34,200kg | | | 38,000kg | 27,500kg |
| General | Output Capacity | 250TPH | 250TPH | 300TPH | 290TPH | | | 250TPH | 250TPH |
| General | Fuel Consumption P/H | 17L (AVG) | 21L | 30L | 23L | | | - | 24L |
| General | Two Speed Tracks | Yes-Standard | N/A | Yes | N/A | | | N/A | N/A |
| General | Dust Suppression water sprinklers | Yes-Standard | Optional | Optional | Optional | | | Optional | Optional |
| General | Remote Deployment | Yes | Yes | Yes | N/A | | | Yes | - |
| General | Dust Covers | Yes | Optional | Optional | Optional | | | Optional | Optional |
| Hopper | Capacity | 5m³. | 4m³. | 5.2m³. | 3.3³. | | | 3.3m³ | 2.75³ |
| Hopper | Loading Length | 3.3m | 2.4m | 2.5m | 2.5m | | | 2m | 2m |
| Feeder | Independent 2 deck pre screen | Yes - Standard | N/A | N/A | N/A | | | N/A | N/A |
| Feeder | Fines Belt Width | 600mm | 500mm | 650mm | 500mm | | | 500mm | 500mm |
| Feeder | Radial Fines Conveyor | Yes-Standard | Optional - fixed | Optional - fixed | Optional - fixed | | | Optional - fixed | Optional - fixed |
| Crusher | Size (Min Inlet) | 1040mm x 710mm | 950mm x 700mm | 1000mm x 600mm | 960mm x 790mm | | | 1000mm x 750mm | 900mm x 820mm |
| Crusher | Automatic Feed | Yes-Standard | Yes | - | - | | | - | N/A |
| Crusher | Drive Motor | Electric 110kw | Diesel Direct Drive | Electric | Diesel Hydraulic | | | Diesel Direct Drive | Diesel Hyd |
| Crusher | Hydraulic Adjust | Yes - 2 apron | Yes | Yes | Yes - single apron | | | Yes - single apron | Yes - single apron |
| Crusher | Rock Shelf | Yes - Standard | N/A | N/A | N/A | | | N/A | N/A |
| Crusher | Discharge Belt Width | 1m (40") | 1m (40") | 1m (40") | 1m (40") | | | 1m (40") | 1m (40") |
| Recirc Unit | Power source | Fully electric driven | Engine | Electric | Hydraulic | | | Hydraulic | Hydraulic |
| Recirc Unit | Screenbox Size | 3m x 1.2m | 2.4m x 1.2m | 3m x 1.2m | 2.7m x 1.4m | | | 3.1 x 1.3m | 2m x 1.1m |
| Recirc Unit | Screenbox Drive | 2x Vibrating electric motors | Electric | Electric | Hydraulic | | | Hydraulic | Hydraulic |
| Recirc Unit | Wind Sifter | Optional (Electric) | Optional | Optional | Optional | | | Optional | N/A |
| Recirc Unit | Power source | Fully electric driven | Engine | Electric | Hydraulic | | | Electric | Hydraulic |
| Conveyors | Power source | Rulmeca Electric Drives | Motor/Gearbox | Rulmeca Electric Drives | Hydraulic | | | Motor/Gearbox | Hydraulic |
| Conveyors | Finished Product Stockpile | 2.5m | 2.7m | 3m | 2.8m | | | 2.8m | 3m |
| Conveyors | Recirc conveyor - Radial | Yes - Standard | - | - | N/A | | | - | N/A |
| Magnet | Overband | Yes - Standard | Optional | Optional | Optional | | | Optional | Optional |
| Engine | Speed | 1500rpm | 1,800rpm | 1,500rpm | 1,800rpm | | | 1800rpm | 1800rpm |
| Engine | Model | Cummins B6.7 / Stage V | John Deere diesel engine | 6.7-liter Cummins | Volvo D8 Diesel | | | John Deere | Volvo D8 |
| Genset | Model | Leroy- Somer (Standard) | Optional | - | N/A | | | Optional | N/A |
| Power Unit | Hybrid Power Delivery | 400v | Optional | 400v | N/A | | | Optional | N/A |
| Power Unit | Fuel Tank | 400l | 250l | 400l | 400l | | | 300l | 200l |
| Power Unit | Dual Power | Yes - Standard | Optional | Yes | N/A | | | Optional | N/A |
| Power Unit | LED Lighting | Yes - Standard | Optional | N/A | N/A | | | Optional | Optional |
| Power Unit | 100% Electric Plug in | Yes - Standard | Optional | Yes | N/A | | | Optional | N/A |



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