

14C

THE NEW
**HEAVY
DUTY
TRACK
MOUNTED
CRUSHER**



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INTERNATIONAL

AGENDA

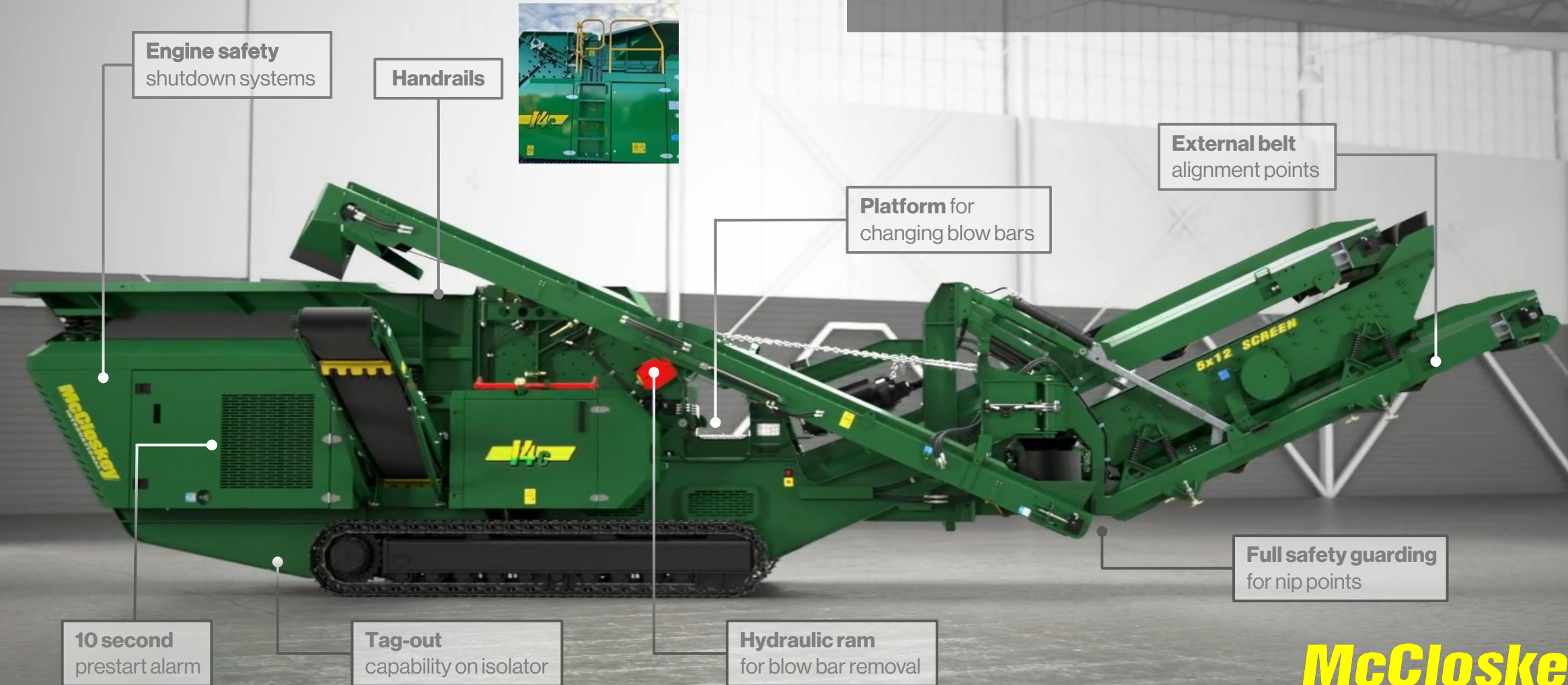
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- **Product Overview**
 - Features & Benefits
 - Safety Features
 - Animation aerial view
 - Applications
 - Transportation
 - Options
- **The Competition**
 - Industry Comparison
- **Go to Market**
 - Sales Support
 - Product Launch Plan
 - Aftermarket
 - Telematic Solution
- **Execution Plan**
 - Status Update

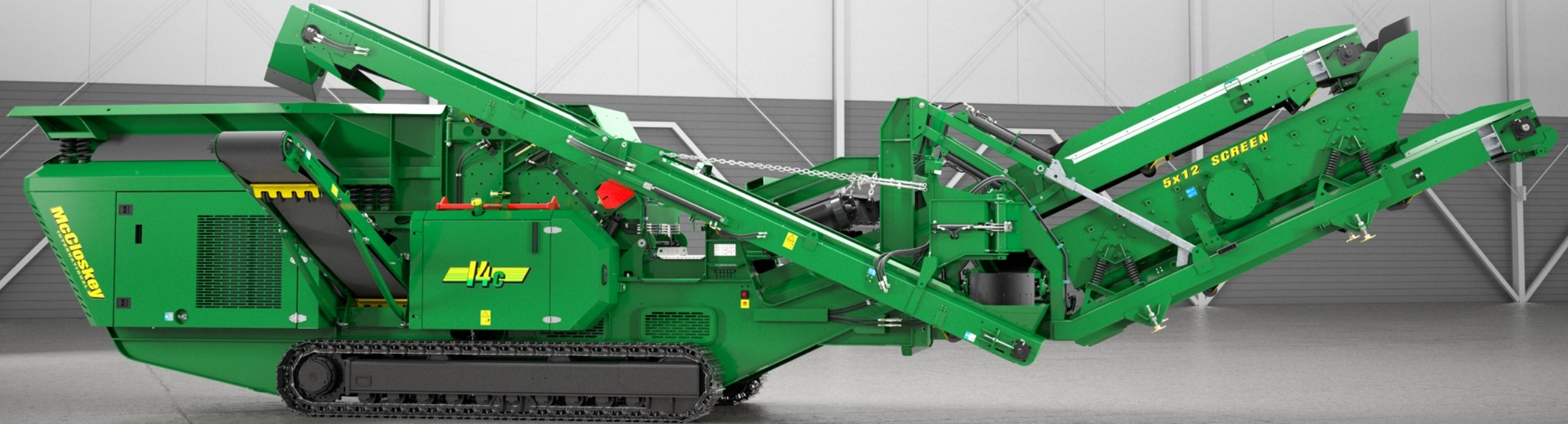
I4C SAFETY FEATURES

- Low voltage controls
- 4 E-stops standard
- Chamber door safety sensor

The I4C is a versatile piece of equipment with many uses. A properly planned operation will be efficient, safe and productive. A poorly planned operation will be unproductive, dangerous and inefficient.



HEAVY DUTY IMPACT CRUSHER



➤ Compact Design

➤ Efficient & Simple Hydraulics

➤ Safe & Simple Controls

➤ Advanced Clutch Technology

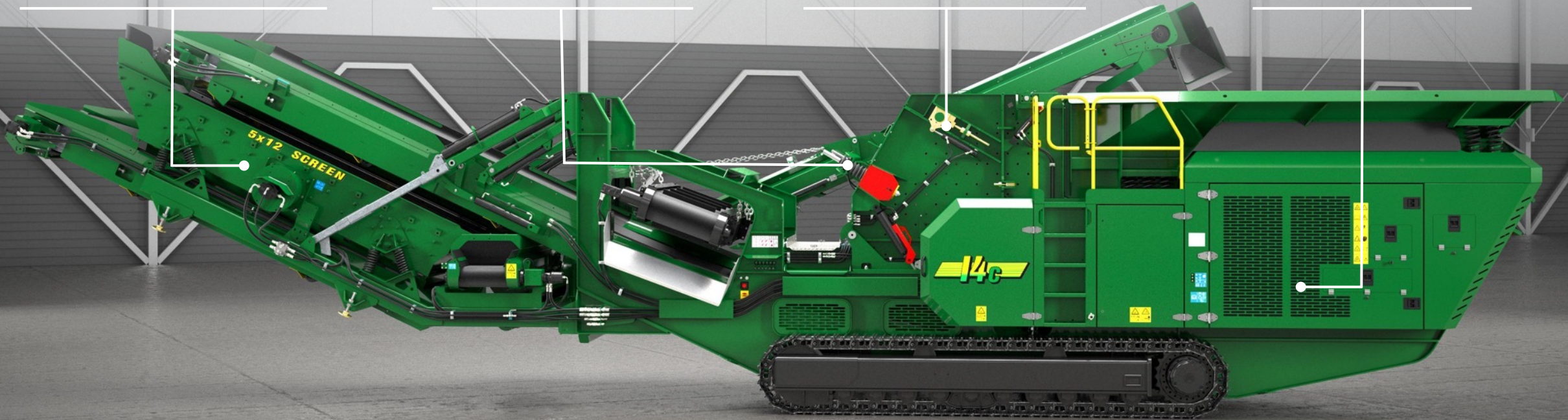
I4C FEATURES

3660mm x 1525mm (12' x 5') two bearing single deck screen box

Aggressive blow bar design

Crushing Chamber – 3 crush zones with optional 4th Apron

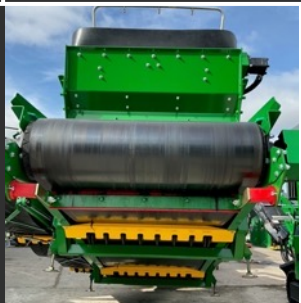
Control Panel - 100% waterproof electronics





Fines Conveyor

Stockpile Height:
3013mm (9' – 11")
Belt Width:
1200mm (48")
Max Speed:
Up to 131rpm



Magnet

Belt Width:
750mm (29.5")
Variable speed



**Chamber
Safety Arm**

for secure
access to
impact
chamber



**Multiple
Media**

for Asymmetric
Feeder and
Integrated
Hopper





I4C IMPACT CRUSHER

1

FEEDER

Feeder width	1060mm (41.7")
Feeder length	4250mm (163.3")
Hopper width	2150mm (84.6")
Hopper length	4775mm (188")

Feeder is asymmetric and reduces bridging



2

SIDE CONVEYOR

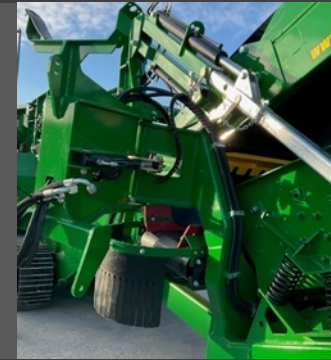
Stockpile height	2758mm (9' - 1")
Belt width	600mm (24")
Belt spec	Plain - 400/3 3+1.5
Max speed	132 rpm



3

RECIRC CONVEYOR

Can discharge up to 180°



I4C FEATURES



ToughFlex®
heavy duty
conveyor Belt



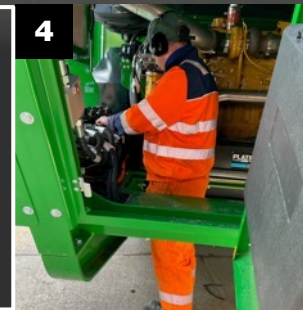
**Tracks
& Remote**



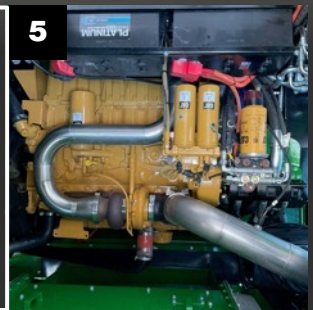
**Radiator
easy access**



**Power Unit
Maintenance
friendly area**



**Engine
Power**
280kW (375HP)
**Engine
Speed**
1600-1800 rpm



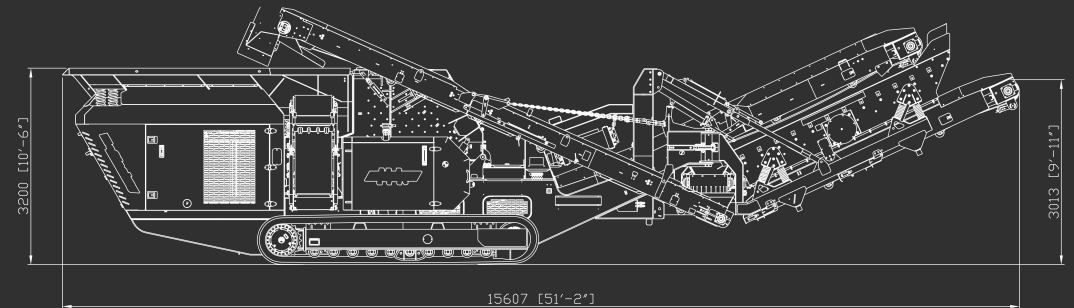
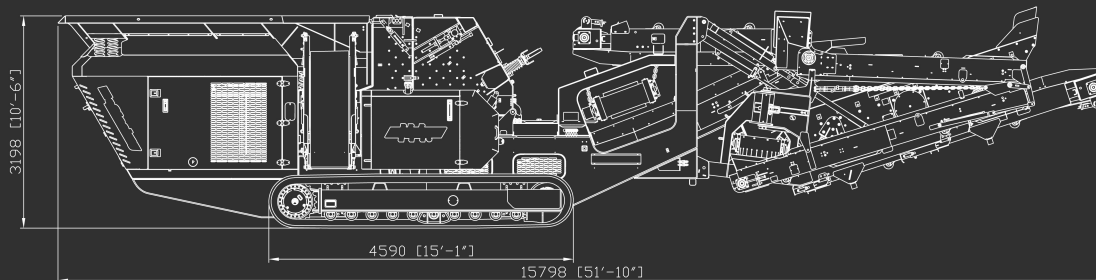
I4C TRANSPORTATION



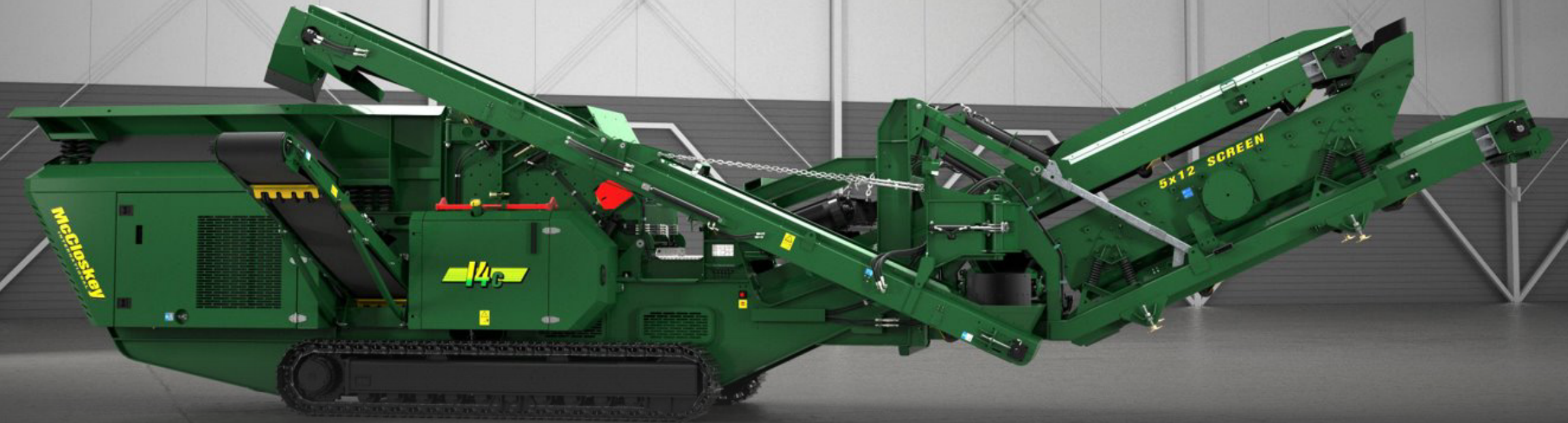
Width - transport 3.0m (9' - 10")

Length - transport 15.798m (51' - 10")

Height - transport 3.2m (10' - 6")



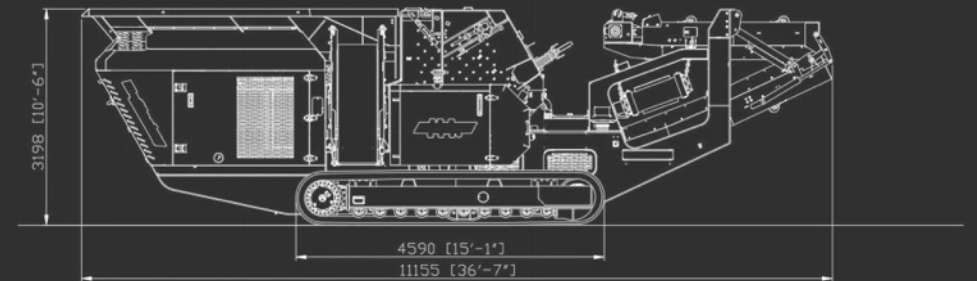
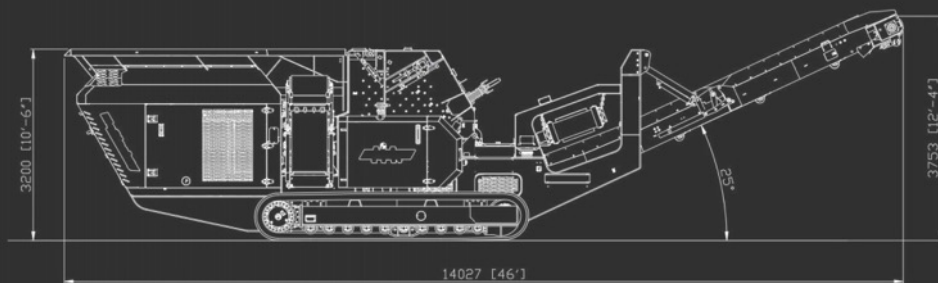
I4C TRANSPORTATION



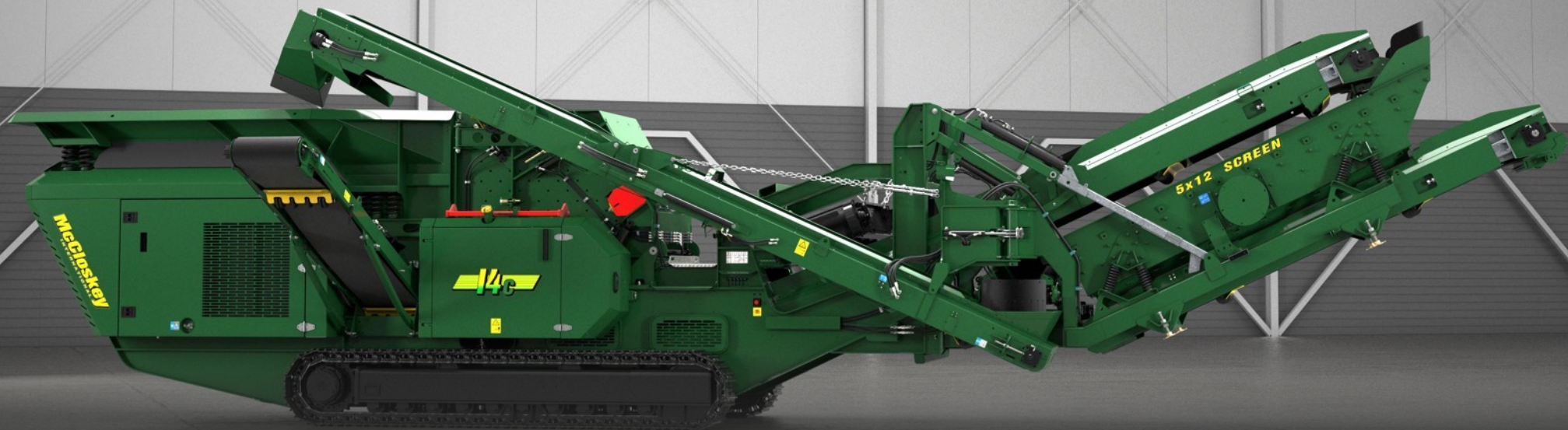
Width - transport 2.65m (8' - 8")

Length - transport 11,155m (36' - 7")

Height - transport 3.2m (10' - 6")



WHY I4C?



➤ Electrics replaced by Simplified Hydraulics & Direct Drive Crusher

➤ No High Voltage

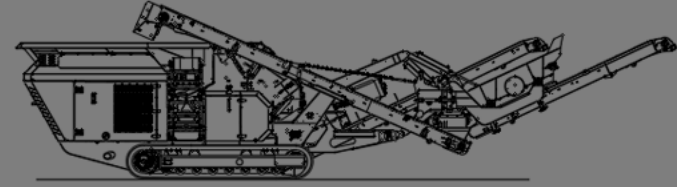
➤ Simple & Reliable

➤ Lightweight

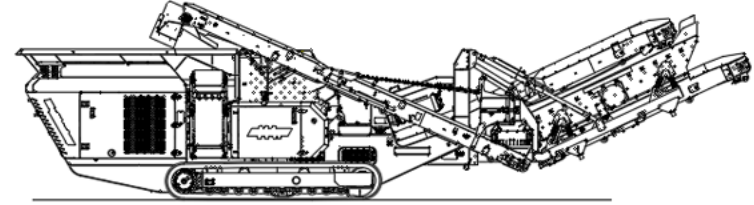
➤ Easy to Diagnose

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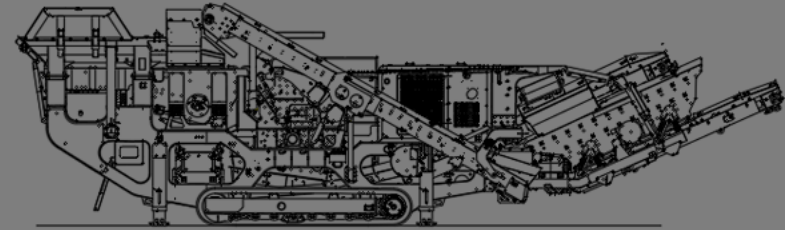
I34R



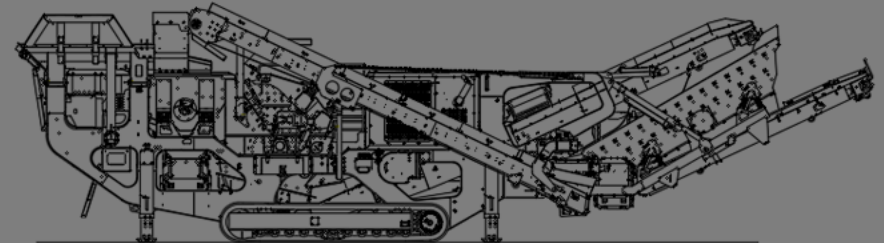
I4C



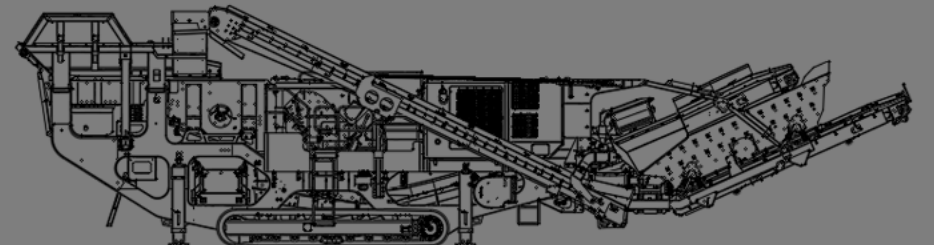
I44R



I44HDR



I54R



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COMPACT **DESIGN**

- 3.0m (9' – 10") X 3.2m (10' – 6")
- Low feed height
- Light weight
- Ease of manoeuvrability
- Creep Track - can track while crushing
- Quick set up time
- Fixed hopper – no need to fold or unfold the hopper for transport
- Designed for ease of access
- System operator controls



HIGH RELIABILITY

- No high voltage electrics
- Premium quality components
- Easy to use hydraulic components
- Simplified control system

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HIGH PERFORMANCE

Benefits

- High productivity
- Cost efficient crushing

Features

- Small footprint, big impact
- Dry clutch with self-diagnostics
- Size for size McCloskey's most powerful impactor



CRUSHING **CHAMBER**

Features & Benefits

- Easy access
- Chamber door safety sensors
- Industry tested McCloskey design
- Aggressive blow bar and apron design
- Deeper chamber onto a smaller body of machine – more tramp release space

CRUSHING CHAMBER

IMPACT ROTOR

1050mm (41.3") diameter
x 1125mm (44.3") wide

FEED SIZE

600 x 500 x 600mm
lump, (24" x 20" x 20")

3 CRUSH ZONES

with optional 4th strike
zone

FEED OPENING

W x H 1150 x 800mm,
(45.3 x 31.5")

BLOW BARS 4

2 high and 2 low
as standard

CRUSHER SPEED

600-675 rpm
(33-37.1 m/sec rotor tip speed)

- 3 crush zones with optional 4th strike zone
- Primary and secondary crushing capability
- Tramp release protection
- 4 bar variable speed rotor
- Multiple blow bar options

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RECIRC CONVEYOR

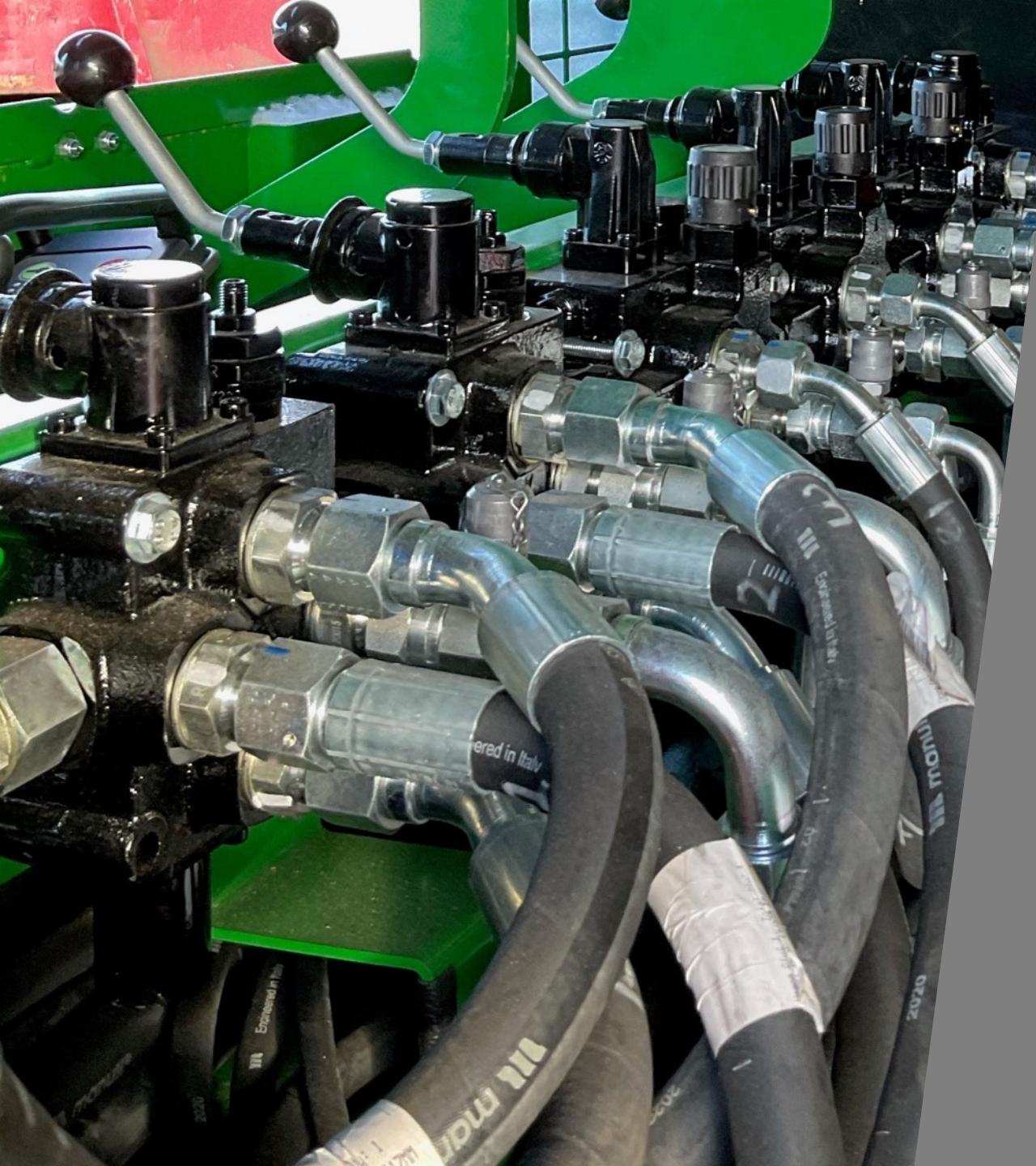
- Return Conveyor radials 180 degrees for additional stockpiling or feeding
- Universal components are used on screeners and crusher ranges

SIDE CONVEYOR

- Located under feeder grizzly
- Maximum speed 132rpm



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EFFICIENT, SIMPLE **HYDRAULICS**

- Robust and simple hydraulics and drives for conveyors and screens
- Direct Drive dry clutch for impactor
- Reduces downtime
- Increases productivity

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ADVANCED CLUTCH TECHNOLOGY

- Push button start
- Automatic Engagement
- Heavy duty dry clutch
- On screen feedback
- Self-diagnostics system
- Lowest fuel consumption
- High productivity
- Low maintenance

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SAFE, SIMPLE **CONTROLS**

- Easily to diagnose and maintain hydraulics
- Low voltage control system – 24 volts for enhanced safety
- Robust in all conditions
- Simple and reliable



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HOPPER/**FEEDER**

Features & Benefits

- Hydraulically driven for better range of speed control
- Automatic Integrated feeder control
- Monitors sensor load on main conveyor

SCREEN BOX

- 3660mm x 1525mm (12' x 5') 2 bearing single deck screen box
- Built in material spreader plate for better screening efficiency
- 970rpm
- 8mm stroke



CONTROL PANEL

Features & Benefits

- New 12 inch DSE display with intelligent animations and machine monitoring
- 100% waterproof electronics
- Backwards compatible – can use for all machines
- Easy software upgrades
- Easy navigation controls

TE Tedd
Engineering

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POWER UNIT & ELECTRONICS

Features & Benefits

- CAT C9.3B Engine
- Tier4F/Stage V dual certified
- LRC emissions
- Crusher variable speed control
- Built in safety shut down functions
- Ease of access
- Maintenance friendly area



TRACKS & REMOTE

- 3 tracking speeds
- Creep Track while crushing
- Standard radio control handset with plugin umbilical capability
- Universal components can be used across all product ranges





MAIN CONVEYOR

- Heavy duty main conveyor
- Easy to service
- Quick release – easy to pull in and out for service
- Impressive stockpile height
- Multi-spoke tail drum
- Straight warp high performance 2 ply belt
- Belt width largest in its class 48”



I4C



➤ Flywheel Cog

Ability to turn the rotor safely when changing the blow bars.



➤ Chamber Safety Arm

For secure access to impact chamber



➤ Rotor Locking Pin

The rotor locking pin holds the rotor in place when preparing to remove or install a new blow bar.

ADDITIONAL FEATURES



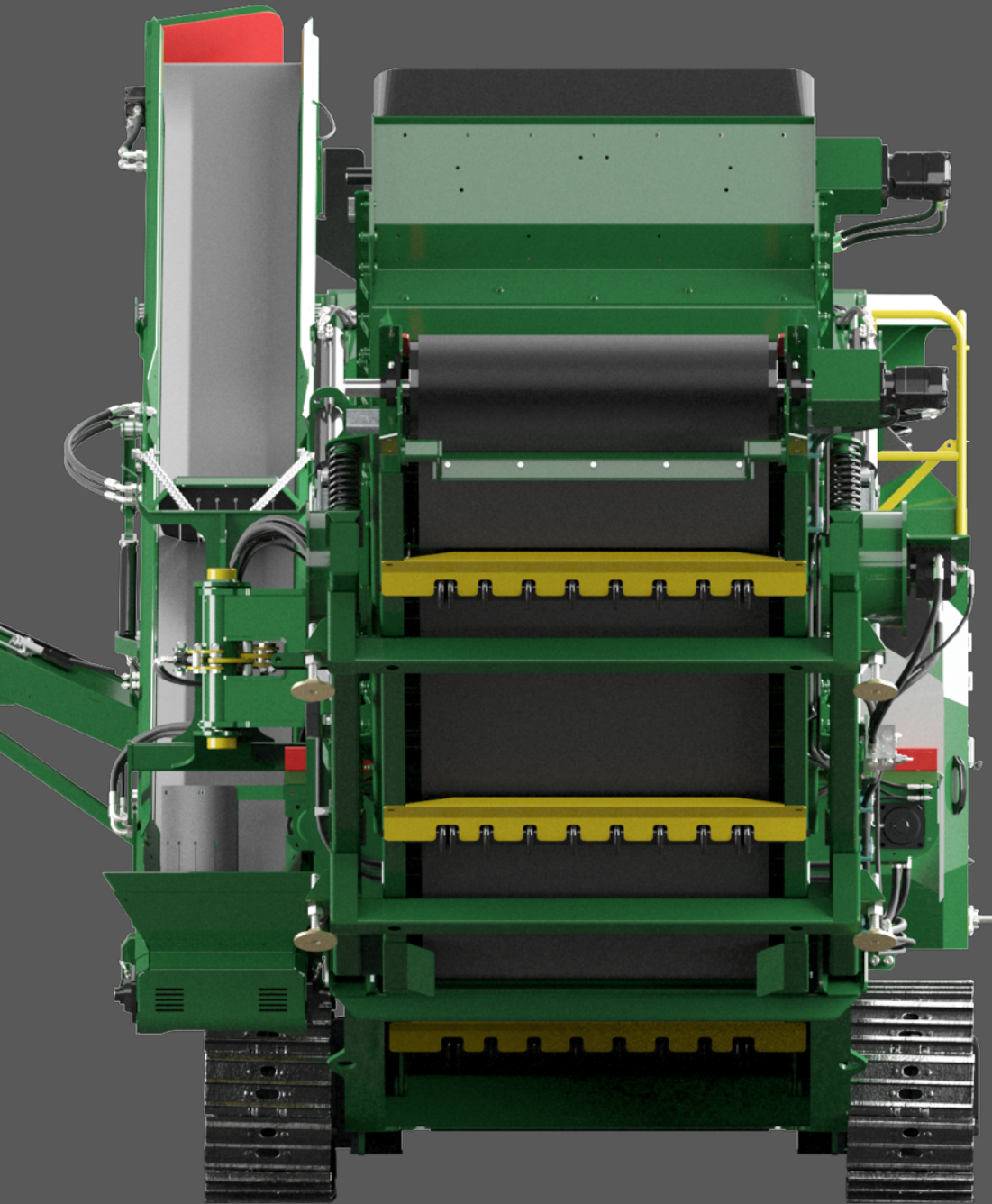
➤ Extraction tool for changing blow bars



➤ Twin pole magnet for discharge chute



➤ Blow bar platform



I4C OPTIONS

- Work lights
- Refueling pump
- Grizzly blanking plates
- Gantry hoist for changing blow bars
- 4 full height blow bar materials
- Magnet – single or twin pole
- Wind shifter
- Side conveyor
- Tier4F/Stage V

APPLICATIONS



➤ Aggregate & Mining



➤ Concrete & Asphalt Recycling



➤ Construction & Demolition



GLOBAL PARTS - **3 HUBS**

▼ **CANADA**
Peterborough | 4181 sqm
(45,000 Sq Ft)

▼ **USA**
Milwaukee | 3995 sqm
(43,000 Sq Ft)

▼ **UK**
North Ireland | 1115 sqm
(12,000 Sq Ft)

Our **stock holding**
volume has increased by

over 30%

over the past 18 months.

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AFTERMARKET

➤ PARTS

McCloskey offers full OEM parts offering for the full range of equipment. Recommended parts lists, maintenance packages and competitive wear parts Supply chain. Main warehouses are in the UK and USA.

➤ TECHNICAL SUPPORT

Technical help desks available globally to help our dealers. Also, direct contacts to service engineers can be established and our experts can help either remotely or on site when needed.

➤ TRAINING

Technical training is conducted at the factory, at the dealer or completely remote depending on the need. New are always commissioned together with the dealer to increase technical understanding.

➤ WARRANTY

Warranty is 2 years / 3000 hours as a standard. Warranty handling is currently centralized to our factories, and will be available online in April 2021.

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McCLOSKEY TELEMATIC SOLUTION

Service Support

- Wear history data
- Liner replacement information
- Alarm information and error log
- Metal detector notifications
- Remote software updates
- Remote support by McCloskey service team

86.3% CAPACITY

More production
than yesterday

MAINTENANCE OVERDUE

34

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Phone
028 8740926

LinkedIn
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HISTORICAL DATA

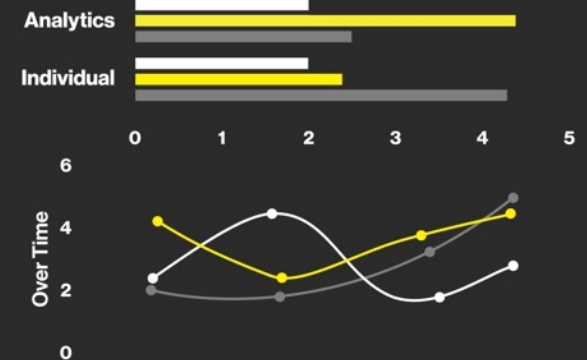


Machine Status Location

Plant Performance

- Fuel consumption
- Produced tons (with belt scales)
- Engine hours: idle time vs. productive hours
- Machine status and location
- Allows benchmarking between the plants

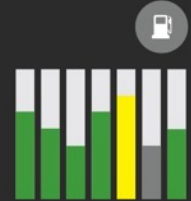
Alarm Information & Error Log



Total Fuel Usage

43,2 l/h

Fuel Rate
● 46.8 (Max)
● 31,2 (Max)
● 52,4 (Average)



379,45

 Total Fuel Used

MOBILE INFORMATION

Wherever You Are

McCloskey APP & After Sales

I4C launch material is available on the APP

Dealer Online Portal

Marketing collateral is available via the dealer online portal exclusive to dealers only

McCloskey Website

Marketing information is available to dealers and the general public at www.mccloskeyinternational.com



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SALES SUPPORT

WORLDWIDE OFFICES

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MARKETING PLAN

DATES

LAUNCH DATE:
APRIL 2021
PR CAMPAIGN: APRIL 2021

SECTORS

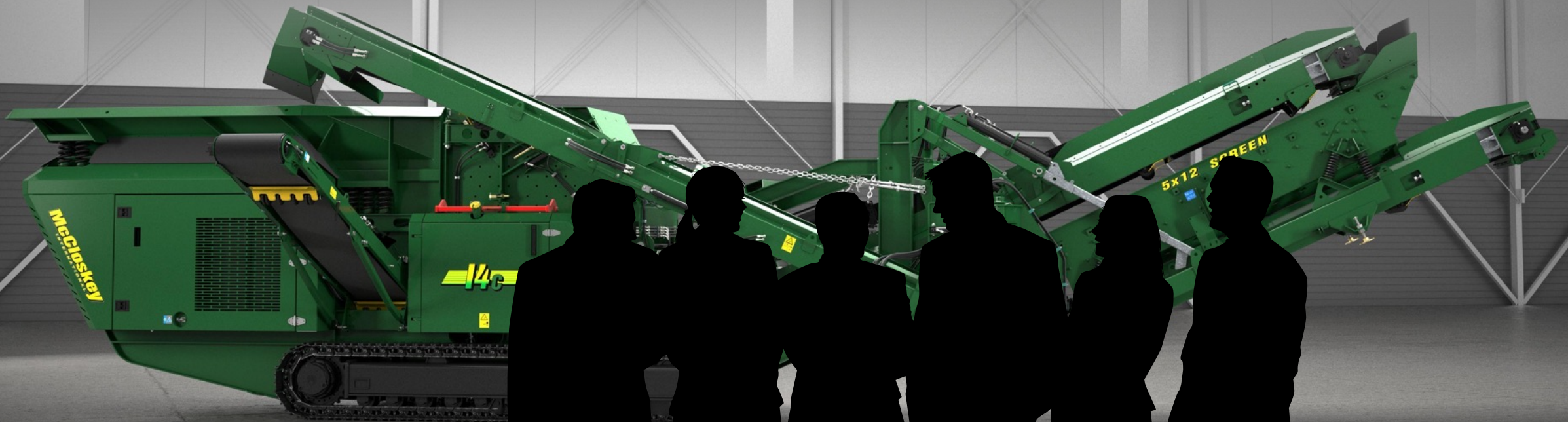
MINING
RECYCLING
CONCRETE & ASPHALT

MARKETS

N. AMERICA
EUROPE

PROMOTION

SELL SHEET
BROCHURE
APP/DEALER PORTAL
NEWS RELEASE



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THANK YOU!

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