43231

Cheque Proforma

Huntingdonshire DISTRICT COUNCIL

Date Received: 22/1/18

Name on Cheque: Mick GEORGE LTD

Amount of Cheque: £498.00

Address of Property for Application: 6 Lancaster Way, Ermine Business Park, PE29 6XU

Agents/Solicitors Name: N/A

Person Completing Proforma AR /Doc Centre staff processing chq jeeanke

Section Name	FMS Code and Description		Payment Short Code	Tick	Single Receipt	Duplicate Receipt
Planning	New Applications - no vat	PD02A10N	10.07			
	Sale of Plans - vat	PD01A31S	11.10		✓	
	Conditions Fees	PD02 A02N	10.36			
	Pre-application Advice Fees	PD0 A02S				
Building Control	New Applications - vat	PB02				
	New Applications - no vat	PB02A				
	Sale of Plans - no vat	PB02A				
	Works outside District	PB02A				
Land Charges	Official Search (LLCI) £16.00	GL10A0				
	Standard Enquires (CON29R) £90.00	GL14A0				
	Standard Enquires Additional Parcels (CON29R) £.....	GL14A02				
	Optional Enquiries (CON29O) £.....	GL14A02				
Env Health	Hygiene Courses	DF90 A13				
	Scrap Metal Dealer's Licence	DN05A08N				
Legal						
Operations	Unilateral Undertaking Fund 20	E304 B15				
Licensing	Lotteries	GM33A08N				
	Personal	GM21A08N				
	Premises	GM20A08N				
	TempEvent	GM22A08N			✓	
	Taxi/P Hire Drivers	GM12A08N	10.68		✓	
	Taxi/P Hire Operators	GM13A08N	10.69		✓	
	Taxi/P Hire Vehicles	GM14A08N	10.70		✓	
Housing		MU33A04S	11.47		✓	
Other	Permit For Mobile Plant	DA01 A10N	20	✓	✓	

Huntingdonshire District Council
ACR Document Centre

22/01/2018 12:01
Fund: Misc Payment No VAT
Permit for Mobile Plant
Reference: DA01A10N
Pay Type: Cheque Post
Amount: £498.00
Machine: ACRD
CAN: 13139
VAT Amount:£0.00
Mick George Limited

Thank you for your payment

VAT No. 214 4299 74

Top - Pink Bottom - Green

HPS-1052

MICK GEORGE ®

www.mickgeorge.co.uk
www.mickgeorgeskips.co.uk
Email: sales@mickgeorge.co.uk
Tel: 01480 498 099
Fax: 01480 498 077

6 Lancaster Way
Ermine Business Park
Huntingdon
Cambs
PE29 6XU

19th January 2018

Environmental Protection Officer,
Environmental Health Department,
Huntingdonshire District Council,
Pathfinder House,
St. Mary's Street,
Huntingdon
PE29 3TN

Environmental Permitting Regulations 2010 (as amended)

Permit Application – Mobile Plant Terex Finlay I – 120RS Impact Crusher
PL Number TBC, Serial Number TRX120RSLOMI15660

Please find attached a Permit Application for the above crusher which is classed as mobile plant.

The application for the use of the mobile crusher is to include T7 (waste bricks, tiles, and concrete by crushing, grinding or reducing in size).

The application comprises:

Part B Application form - Mobile Plant
Permit Application– Terex Finlay I-120RS Supporting Statement
Application fee – £498.

I hope that you find this application to be in order and I look forward to receiving confirmation that the application has been 'duly made'.

Should you require any further information I can be contacted as below.

Kind regards

S. Rich

Stuart Richardson
Technical Manager
Tel 01480 499137
Mobile 07789 558067
Stuart.richardson@mickgeorge.co.uk

Huntingdonshire
DISTRICT COUNCIL

Application for a Permit for a Mobile Plant

Local Authority Pollution Prevention and Control
Pollution Prevention and Control Act, 1999
Environmental Permitting (England and Wales) Regulations 2010 as amended

When to use this form
This environmental permitting regime is known as and referred to as Local Authority Pollution Prevention and Control ('LAPPC'). Installations permitted under this regime are known as Part 'B' installations. Use this form if you are sending an application for a 'Part B mobile plant' permit to a Local Authority under the Environmental Permitting (England and Wales) Regulations 2010 ("the EP Regulations").

Before you start to fill in this form
You are strongly advised to read relevant parts of the Defra general guidance manual issued for LA-IPPC and LAPPC, regularly amended and available for free download at http://www.defra.gov.uk/environment/quality/industrial/las-regulations/guidance/. This contains a list of other documents you may need to refer to when you are preparing your application, and explains some of the technical terms used. You will also need to read the relevant Process Guidance note as relevant The EP Regulations can be obtained from The Office of Public Sector Information, or viewed on their website at: http://www.legislation.gov.uk/.

Which parts of the form to fill in
You should fill in as much of this form as possible. The appropriate fee must be enclosed with the application to enable it to be processed further. When complete return to:

Environmental Protection Officer, Environmental Health Department, Huntingdonshire District Council, Pathfinder House, St. Mary's Street, Huntingdon PE29 3TN or e-mail: envhealth@huntingdonshire.gov.uk.

If you require any help or advice on how to set out the information we need please contact us at the above address or telephone 01480 388363.

Other documents you may need to submit
There are number of other documents you may need to send us with your application. Each time a request for a document is made in the application form you will need to record a document reference number for the document or documents that you are submitting in the space provided on the form for this purpose. Please also mark the document(s) clearly with this reference number.

Using continuation sheets
In the case of the questions on the application form itself, please use a continuation sheet if you need extra space; but please indicate clearly on the form that you have done so by stating a document reference number for that continuation sheet. Please also mark the continuation sheet itself clearly with the information referred to above.

Copies
Please only send the original all other supporting material, to assist the Authority in conducting any necessary consultation process. If submitting the form electronically no duplicate copies are required. It is this Authority preference to receive the documents electronically.

A - Introduction

A1.1 Details of the plant

Make:	Terex / Finlay
Model:	I – 120RS Impact Crusher
Serial number:	TRX120RSLOMI15660 (PL – TBC)

A1.3 Existing authorisations:

Please give details of any existing LAPC or IPC authorisation for the installation, or any waste management licences or water discharge consents, including reference number(s), type(s) and local authority:

N/A

Please provide the information requested below about the "Operator", which means the person who it is proposed will have control over the installation in accordance with the permit (if granted)

A2.1 The Operator – Please provide the full name of company or corporate body

Name

Trading/business name (if different) Mick George Limited

Registered Office address 6 Lancaster Way, Ermine Business Park, Huntingdon, Cambridgeshire

Postcode PE29 6XU

Principal Office address (if different)

Postcode

Company registration number 02417831

A2.2 Holding Companies

Is the operator a subsidiary of a holding company within the meaning of Section 736 of the Companies Act 1985?

No [X] Yes [ ]

Name of ultimate holding company

Registered office address

Postcode

Principal Office address (if different)

Postcode

Company registration number

A3.1 Who can we contact about your application?

It will help is to have someone who we can contact directly with any questions about your application. The person you name should have the authority to act on behalf of the operator. This could be an agent or consultant rather than the operator.

Name Stuart Richardson

Position Technical Manager

Address As above

Postcode

Telephone number 01480 498 137 / Mob 07789 558067

Fax number

E. Mail address Stuart.richardson@mickgeorge.co.uk

B About the mobile plant

B1.1 Why is the application being made?

√	The plant is new
	The plant is replacing an already permitted plant

Please state the permit number of the plant being replaced.

Please provide written information about the aspects of your installation listed below. We need this information to determine whether you will operate the installation in a way in which all the environmental requirements of the EP Regulations are met.

B2.1 Describe the proposed methods to prevent dust escaping from the plant and stockpiles.

Doc Reference See the attached application document

B2.2 What maintenance schedule is being proposed for the plant?

Doc Reference See the attached application document – As per manufacturers recommendations

B2.3 What monitoring will be undertaken of emissions from the plant?

Doc Reference See the attached application document

B2.4 What training requirements are undertaken for operators of the plant?

Doc Reference See the attached application document

B2.5 If you have a company environmental management system please provide detailed procedures and policies of your proposed environmental management techniques, in relation to the plant.

Doc Reference See the attached application document – ISO14001 Certificate

B3 Please supply any additional information that you would like us to take account of in considering this application.

Doc Reference See the attached application document

C Fees and Charges, Information Handling, and Declaration

C1 Fees and Charges

The enclosed charging scheme leaflet gives details of how to calculate the application fee. Your application cannot be processed unless the application fee is correct and enclosed.

C1.1 Please state the amount enclosed as an application fee for this installation:

£498 (cheques should be made payable to **Huntingdonshire District Council**)

We will confirm receipt of this fee when we write to you acknowledging your application.

C2 Annual subsistence charges

If we grant you a permit, you will be required to pay an annual subsistence charge, failure to do so may result in the suspension or revocation of your permit and you will not be able to operate your installation. Also late payment of subsistence fees will result in a late payment charge being issued.

C2.1 Please provide details of the address you wish invoices to be sent to and details of someone we may contact about fees and charges within your finance section.

Name (if applicable) Karen Farrell

Department Finance

Address 6 Lancaster Way, Ermine Business Park, Huntingdon, Cambridgeshire.

Postcode PE29 6XU

Telephone number 01480 498 099

E. Mail address Karen.farrell@mickgeorge.co.uk

C3 Confidentiality

C3.1 Is there any information in the application that you wish to justify being kept from the public register on the grounds of commercial or industrial confidentiality?

No [ ] Yes [√]

Please provide full justification, considering the definition of commercial confidentiality within the EP Regulations

Doc Reference Appendix 2 News Release – June 17, 2015

C3.2 Is there any information in the application that you believe should be kept from the public register on the grounds of national security?

No [√] Yes [ ]

Do not write anything about this information on the form. Please provide full details on separate sheets, plus provide a copy of the application form to the Secretary of State/ Welsh Ministers for a direction to exclude information on grounds of national security

C4 Data Protection

The information you give will be used by the local authority to process your application. It will be placed on the relevant public register and used to monitor compliance with the permit conditions. We may also use and or disclose any of the information you give us in order to:

-Consult with the public, public bodies and other organisations
-Carry out statistical analysis, research and development on environmental issues
-Provide public register information to enquirers
-Make sure you keep to the conditions of your permit and deal with any matters relating to your permit
-Investigate possible breaches of environmental law and take any resulting action
-Prevent breaches of environmental law
-Offer you documents or services relating to environmental matters
-Respond to requests for information under the Freedom of Information Act 2000 and the Environmental Information Regulations 2004 (if the Data Protection Act allows)
-Assess customer service satisfaction and improve our service

We may pass on the information to agents/ representatives who we ask to do any of these things on our behalf.

It is an offence under regulation 38 of the EP Regulations, for the purpose of obtaining a permit (for yourself or anyone else), to:

-Make a false statement which you know to be false or misleading in a material particular
-Recklessly make a statement which is false or misleading in a material particular
-Intentionally to make a false entry in any record required to be kept under any environmental permit condition

-With intent to deceive, to forge or use a document issued or required for any purpose under any environmental permit condition

Make a false statement

-We may prosecute you, and
-If you are convicted, you are liable to a fine or imprisonment (or both).

C5 Declaration:

previous offences (delete whichever is inapplicable)

~~I~~/We certify

EITHER

~~No offences have been committed in the previous five years which are relevant to my/our competence to operate this installation in accordance with the EP Regulations.~~

OR

The following offences have been committed in the previous five years which may be relevant to ~~my~~ / our competence to operating this installation in accordance with the regulations:

Doc Reference	Appendix 2 News Release – June 17, 2015		
Signature	N		
Name	NEIL JOHNSON.		
Position	Technical and Waste Director	Date	19th January 2018

Signature of current operator(s)*

I/We certify that the information in this application is correct. I/We apply for a permit in respect of the particulars described in this application (including supporting documentation) I/We have supplied.

Please note that each individual operator must sign the declaration themselves, even if an agent is acting on their behalf.

For the application from	Mick George Ltd		
Installation name	Terrex / Finley I -120RS Impact Crusher		
Signature			
Name	Neil Johnson		
Position	Technical & Waste Director	Date	19th January 2018
Signature			
Name			
Position		Date	

** Where more than one person is defined as the operator, all should sign. Where a company or other body corporate – an authorised person should sign and provide evidence of authority from the board the company or body corporate.*

MICK GEORGE ®

Environmental Permitting Regulations 2010 (as amended)

Permit Application: Mobile Plant

Type: Terex Finlay I - 120RS Impact Crusher

Serial Number : TRX120RSLOMI15660

19th January 2018

Document Control

Document:	Permit Application – Mobile Plant – Terex Finlay I – 120RS Impact Crusher
Site:	Various
File Origin:	J:\Departments\Technical\Level 1\Monitoring\Stuart Richardson\Mobile Crusher\Terex Finlay I-120RS Impact Crusher\Supporting Statement - Terex Finlay I - 120RS.docx

Issue	Date	Status
1	15th January 2018	Draft Issue
2	19th January 2018	Submission Issue

Introduction

Mick George Ltd wish to apply for a Permit Part B Standard Installation, under the Environmental Regulations 2010 (as amended) to operate a mobile crusher for the reduction in size of bricks, tile, concrete and any other mineral products by crushing and grinding.

The use of the mobile crusher is for processing materials at quarries or from demolition contracts and these materials include rocks, stones, concrete, bricks, tiles and ceramics. The materials to be crushed are to produce a recycled aggregate that can be used in the local building industry.

The activity applied for through this Permit application includes the crushing of materials and the associated activity of stockpiling the product.

Plant

Crusher Type: Terex Finlay I - 120RS Impact Crusher

Serial Number: TRX120RSLOMI15560 (PL – TBC)

Operating Techniques

1.0 Asbestos

The location of the plant maybe in a rock or stone quarry producing primary aggregate and there would be no reason for asbestos to be found in such a natural resource.

If the plant is used on a demolition project the material to be crushed would typically be concrete, bricks, tiles and ceramics and all materials will be inspected for the presence of asbestos prior to loading in to the crusher. Asbestos will not be accepted in to the process and will not be crushed or screened.

2.0 Plant Use

The crusher will be fed with either rock or stone at a quarry or construction wastes at a demolition project to reduce the size of the material to a graded product that can be used as an aggregate.

The crusher will be loaded with either an excavator or loading shovel and then the processed material will be stockpiled on site, before either re-use on-site or loaded on to road going vehicles for sale off-site.

If the crusher is working on a demolition project the material maybe hand-picked to remove contamination such as metal and litter.

3.0 Notifications

Mick George Limited will inform the regulator, of where and when, the crusher is moved to different locations and will also confirm the start date of the operation.

Mick George Limited will also inform the regulator of cessation of operations.

4.0 Emissions and Monitoring

The mobile crusher will be operated by trained and competent staff. They shall monitor the performance of the operation with particular attention being given to the emissions of particulate matter including the generation of dust. The operator will monitor and keep records of his inspections recording weather conditions, crusher and stockpile dust levels. They shall record their inspections on start-up and on at least two more occasions during the working day.

The operator will also monitor the performance of the crusher itself, including engine emissions. The crusher will be maintained in accordance with the manufacturer's instructions and any faults that are creating an issue will be investigated and repaired.

Mick George Ltd operates in accordance with an environmental management system which is accredited to ISO14001 standards. A copy of the certificate is included in Appendix 1.

5.0 Aggregate delivery and storage

Crushed aggregate that has been processed will predominantly be of granular type material typically 10mm to 100mm. Materials shall be stored in open stockpiles and shall be subject to management techniques to minimise the emissions of airborne dust. Such techniques may include reducing fall heights from conveyors, taking regard of prevailing wind directions, proximity to neighbours, limiting the height of stockpiles or using dust suppressants.

6.0 Crusher details

The Terex Finlay I-120RS is a new generation impact crusher with redefined style and advanced technological design gives improved material flow and production capabilities in quarrying, mining, demolition and recycling applications. Incorporating the Terex® CR038 impact chamber with direct drive and advanced electronic control system the machine provides operators with high material reduction ratios and produces a consistent product shape. A key component of the machine is the on-board innovative quick detach 3.66m x 1.53m (12' x 5') two deck screen. For applications not requiring recirculation of materials for further processing or stockpiling the complete screening and recirculating system can be quickly detached from the machine. The high productivity, ease of maintenance and operation makes the machine an ideal solution for large scale producers and contract crushing operators.

7.0 Belt Conveyors

The internal processing within the crusher is protected from side winds and the main conveyor is piped for dust suppression complete with spray bars.

8.0 Transport of crushed material

All road going vehicles removing crushed products shall be sheeted or covered so that material is not able to escape from the body.

9.0 Roadways and Transportation

The area of the site used for vehicle movements will use a consolidated surface and the surface shall be kept in good repair. Vehicles shall not track debris or material from the site on to the highway. Should there be an issue a road sweeper will be employed to sweep the roadways.

10.0 Records and Training

Records of operations including inspections and maintenance will be kept for at least 3 years at the company's head office. This will also include the daily Crusher Emissions – Visual Assessment.

All staff will receive the necessary training and instruction to be able to manage the crushing operations in line with the permit. Records of relevant training will be maintained.

Appendix 1

ISO14001 Certificate

Certificate of Registration

This is to certify that the Environmental Management System of

Mick George Group

6 Lancaster Way, Ermine Business Park, Huntingdon, Cambridgeshire, PE29 6XU

has been assessed by The Certification Group for conformance to the requirements of:

BS EN ISO 14001:2004

Scope of Registration

Waste Management, Recycling, Contracting, Demolition Services, Aggregate and Concrete Sales and Quarrying

Signed on Behalf of The Certification Group
Certification Manager: Elaine Hanaghan .....

Registration No	**2100491**
Initial Certification Date	**12/07/2016**
Certificate Issue Date	**13/07/2017**
Certificate Expiry Date	**11/07/2018**
Issue No	**9**

ISO 14001

The Certification Group Limited

Appendix 2

News Release – June 17, 2015

MICK GEORGE

News release
June 17, 2015

Mick George fined at lowest possible level due to the professional manner in which they operate and the commendable work they do within the local community

- Judge says Mick George Limited implemented commendable water recirculation system

On Friday 12 June Peterborough Crown Court fined Mick George Limited £20,000 for inadvertently allowing silty water to pollute Thornhaugh Brook due to an unforeseen failure of a float on a pump at Cook's Hole Quarry, Leicester Road, Thornhaugh.

The failure of the float, appended to a pump used in the Company's water recirculation process, on 15 May 2014 resulted in silty water passing down a channel used in connection with the recirculation and then into the local brook within the quarry. This resulted in minor localized effects to the water quality. In sentencing the Judge accepted the Company's submission (as opposed to that of the Environment Agency) that the harm created had a minor localised effect. She also concurred with the Company in stating that silty water was a natural product already within the brook at low levels. The water quality changed from excellent to good for 3 days following the incident.

Notwithstanding the submissions of the Environment Agency the Judge found that Mick George Limited had not acted recklessly and that its water recirculation activities constituted good environmental practice as asserted by Mick George Limited in its evidence and the fine imposed, which was at the lowest level possible having regard to the Judge's findings, was reflective of this. Further the Judge described the water recirculation process which the Environment Agency had described wrongly as illegal as both commendable and laudable in view of its environmental benefits.

Jon Stump, Finance Director at Mick George comments: "As a company we take our environmental responsibility very seriously and we were saddened when we learnt that the malfunction of the float on the pump at Cook's Hole Quarry, Thornhaugh had resulted in the ultimate discharge of silty water off site into the brook. We're extremely sorry that this isolated incident has happened. As a Company we strive to avoid or minimise any damage to the environment arising out of our operations. The ecological benefit of the water recirculation process we operated and our evidence to support that we had acted neither recklessly or

caused significant adverse harm, as was asserted by the Environment Agency was accepted by the Judge and reflected in the sentence.

"We are surprised that the Environment Agency sought to suggest we were acting recklessly or that our water recirculation process involving a channel within our quarry site was in any way illegal (none of which were accepted by the Court to be the case). We were further dismayed that even after sentencing and the Judge's summing up the Environment Agency chose to publish a News Release, which was factually incorrect and entirely misleading and which has resulted in serious ramifications for our business. The fact they subsequently withdrew the News Release reflected their unacceptable behavior.

"Our aim at Mick George is to be a good neighbour and build positive relationships with the people and environment around us. We have an excellent track record of supporting our local community and every year we support a vast range of conservation projects in our area through The Mick George Community Fund. We recently funded the creation of a reed bed at Cow Hollow to encourage biodiversity in the area which shows how important investing in the environment is to Mick George Limited."

ENDS

For further information and high resolution images, please contact:
Stuart Costello on 07469 852 542 stuart.costello@mickgeorge.co.uk

About Mick George:

- Mick George started out with just one tipper truck in 1978 and has grown to become one of the leading suppliers to the construction industry in East Anglia and the East Midlands with a commercial fleet size in excess of 200 HGV vehicles.
- They specialise in bulk excavation, demolition & earthmoving services, ready mixed concrete, a wide range of skip hire and waste management services and aggregate supply.
- Mick George has an extensive network of operating sites across the region including quarries, landfill, transfer stations, concrete batching plants, state-of-the-art recycling centres and soil washing facilities.
- They have recently launched a brand new Trade Waste service for businesses across East Anglia and the East Midlands.
- The rapid growth of Mick George over the years has led to the creation of 100's of new jobs within the local area, and Mick George Ltd now employs over 500 staff.
- The business growth of Mick George has been recognised with a number of awards, including winning the 2015 Cambridge Business Award for Growth and being ranked in the Sunday Times Fast Track 100 league table in 2015.

- One of the company's main priorities is support within the local community. Mick George is heavily involved in sponsorship of both small local sports club, such as St Ives F.C and Park Farm Pumas, as well as much larger sports clubs like Peterborough United and Cambridge United. The company prioritises Involvement in local events, environment and charities, most recently announcing its intention to raise £50,000 for Sue Ryder Thorpe Hall Hospice.
- For further information, please visit: http://www.mickgeorge.co.uk

Appendix 3

Terrex Finlay I – 120RS Impact Crusher

TEREX | FINLAY

I-120RS
IMPACT CRUSHER

SPECIFICATION:

Rotor Size:		Ø1033mm x 1100mm (Ø41" x 44")
Net Engine Power	Tier 3/Stage IIIA:	Caterpillar C9 257kW (350hp)
	Stage IIIA Constant Speed:	Scania DC9 273kW (365hp)
	Tier 4F /Stage IV:	Scania DC9 257kW (350hp)
Portability:		Tracked
Operating Weight:		48,150kg (106,153lbs*)

**VGF, HOPPER EXTENSIONS, HEAVY DUTY MAGNET*

VGF HOPPER / FEEDER

VGF Hopper capacity: 5m³ (6.5 yd³)

VGF Hopper capacity - With Ext: 8m³ (10.4 yd³) 4m (13' 1") rear feed width with hydraulic folding hopper extensions (optional)

VGF Hopper Fixed - Pre-screen Hopper Folding & Locking

8mm wear resistant side walls

Vibrating grizzly feeder with integrated pre-screen- standard

Grizzly length 2.19m (7' 2")

Selectable discharge to dirt conveyor (all pre-screened material) or main conveyor

INDEPENDENT HYDRAULIC PRE-SCREEN (OPTIONAL)

1,000mm (40") wide x 2,000mm (79") effective screening length

9° working angle

Mesh and Punch Plate option

IMPACT CHAMBER

Rotor diameter: Ø1033mm (41")

Rotor width: 1100mm (44")

VGF Inlet opening: 1130mm x 800mm (45" x 32")
Prescreen Inlet opening: 1130mm x 800mm (45" x 32")

Tier 3 Rotor speed is 669 – 827rpm with the large pulley (standard)

Tier 3 Rotor speed is 595 – 735rpm with the optional smaller pulley

Tier 4 Rotor speed is 666 – 843rpm with the large pulley (standard)

Tier 4 Rotor speed is 591 – 748rpm with the optional smaller pulley

Direct drive via 'V' belts

Twin Apron

Primary Apron Minimum setting: 50mm (2")

Secondary Apron Maximum setting: 75mm (3")

Secondary Apron Minimum setting: 18mm (3/4")

Hydraulic hood open

4 Bar rotor standard- 2 high/2 low

Full Hydraulic adjust apron setting & overload protection

Hydraulically raise inlet flap: optional

Hydraulically assisted Grinding path (optional)

2nd Apron auto adjust (optional)

MAIN CONVEYOR

Belt Width: 1.1m (44")

Discharge Height: 3.5m (11' 5")

High spec scraper at head drum

Dust suppression standard

Low level greasing standard

Hydraulic lowering for transport

Full length belt standard

2/3 length main conveyor and vibratory undercrusher feeder with wear resistant liners

Snag free tunnelling

Stockpile Capacity: 63.8m³ (83.4yd³)

Hopper

Impact Chamber

Main Conveyor

Maximum Feed Size (Smallest Cube Dimension)	
Blasted Rock (Limestone Type)	450mm
Concrete / Demolition (Slab: Thick x Wide x Length)	800 x 500 x 250mm
Maximum Recommended Size of Rebar Steel in the Feed Material:	
Rebar Diameter	20mm
Rebar Length	500mm

POWERPACK

Tier 3 / Stage IIIA: Caterpillar C9
Engine Power: 257kW (350hp)
Engine Speed: 1700-2100 rpm

Stage IIIA Constant Speed: Scania DC9
Engine Power: 248-273kW (365hp)
Engine Speed: 1500-1900 rpm

Tier 4F / Stage IV: Scania DC9
Engine Power: 257kW (350hp)
Engine Speed: 1500-1900 rpm

TANK CAPACITIES

Hydraulic Tank: 700 litres

Fuel Tank: 720 litres

BYPASS CONVEYOR (OPTIONAL)

Belt Width: 650mm (26")

Max achievable discharge height target approx. 2.5m

Low level greasing

High spec scraper at head drum

Stockpile capacity: 18.1m³ (23.7yd³)

MAGNETIC SEPARATOR (OPTIONAL)

Suspended self cleaning crossbelt overband magnet

Permanent magnet

Twin pole Version

Super heavy duty version also available

UNDERCARRIAGE

Bolt on tracks

Shoe Width: 400mm (16")

Sprocket Centres: 3.78m (12' 5")

Dual tracking speed with 'soft start'

Up to 30° gradient capability

RS COMPONENT

RS Screen: 3.66m x 1.53m (12' x 5') 2 deck
Single transfer for both decks into re-circ conveyor standard
Quick detach screen unit

Fines conveyor: 1.4m (55") wide
Dishcharge: 3m (9' 10")

Transfer conveyor: 500mm (20")

Re-circulating conveyor: 500mm (20")
Screen Angle: Fixed

Mid-grade transfer conveyor optional

Stockpile Capacity: 40.2m³ (52.6yd³)

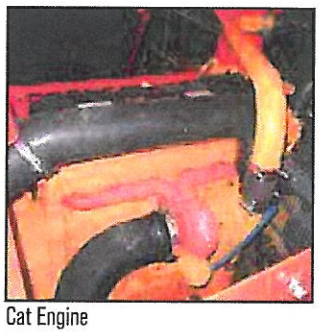
TOOL BOX

Mounted lockable tool box

Tool kit

Grease gun

Scania Engine



Cat Engine

By-pass Conveyor

Magenetic Seperator

Undercarriage

WORKS FOR YOU.™

CHUTES

Heavy Duty chute with bolt-up construction

By-pass chute with selectable discharge flop gate, to either by-pass conveyor or main conveyor

CONTROL SYSTEM

Advanced CANBUS compliant system

Large display screen (IP67 Rated)

Five simple operating modes with menu driven graphic user interface -
- Track mode : For moving machine
- Manual mode : For manually starting machine
- Automatic mode : For automatically starting the machine in predetermined sequence
- Configuration mode : For testing/setting individual components
- Language selection : For setting languages

Detachable doglead control for tracking

Radio remote control

Engine control/monitoring panel

Lockable compartment

Emergency stops: 6 off

PLATFORMS

Galvanised catwalks and ladders for full maintenance and service access

Catwalks on both sides of machine

Compact folding for transport

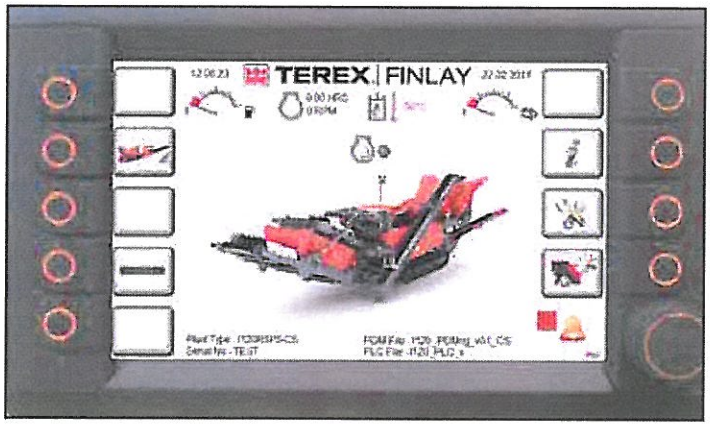
RADIO REMOTE CONTROL

Full function radio remote unit

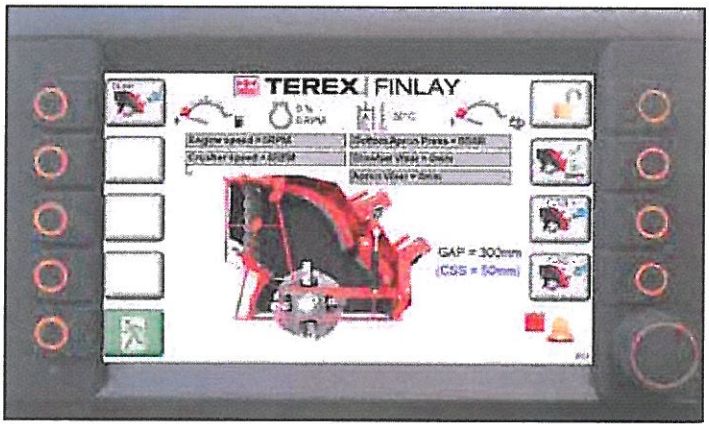
Machine can be switched from crushing mode into track mode, moved and be switched back to operating mode from remote control unit

Feeder stop / start

Controls all folding function of RS section in addition to tracking and crushing mode

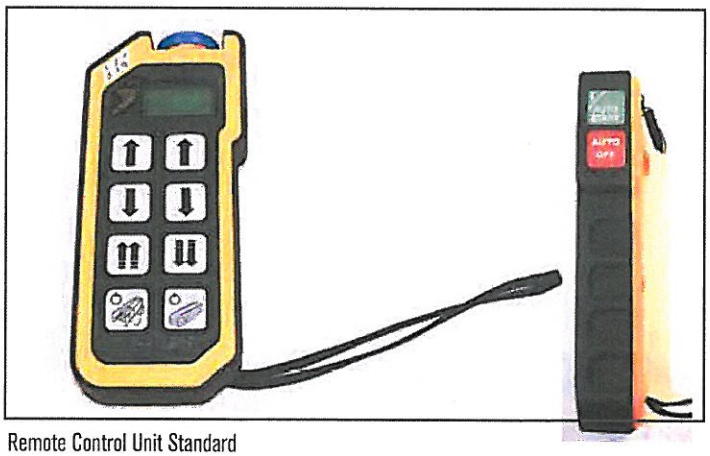


Control Panel



Control Panel

Platforms



Remote Control Unit Standard

STANDARD FEATURES

ENGINE:

Tier 3 / Stage IIIA: Caterpillar C9 257kW (350hp)

Stage IIIA Constant Speed: Scania DC9 273kW (365hp)

IMPACT CHAMBER:

Terex CR038 Impact chamber

Fully Hydraulically assisted apron setting and hydraulic apron release

Manual raise inlet allowing extra inlet clearance

4 bar rotor - Martensitic blow bars 2 High & 2 Low

Direct Drive via Clutch

Drive belt tensioner wheel

Blow bar lifting tool supplied

Tip Speed range 36-45 m/sec (118-148 ft./sec)

HOPPER/FEEDER:

Hopper capacity: 5m³ (6.5 yd³) and rear feed width of 2.1m (6' 10")

Fixed Hopper

Heavy duty vibrating feeder

Stepped grizzly feeder with integral pre-screen, standard 50mm spacing

Mesh aperture on grizzly feeder: 38mm

MAIN CONVEYOR:

Belt: 1.1m (44") full length

High spec scraper at main conveyor head drum

Piped for dust supression c/w Spraybars

RS COMPONENTS:

Two Deck afterscreen: 3.66m X 1.53m (12' X 5')

Transfer conveyor: 500mm (20") collecting material from both screen decks

500mm (20") wide belt hydraulic folding re-circulating conveyor able to slew for stockpiling oversize material with a 4.68m discharge height

Fines conveyor: 1.4m (55") with a 3m discharge height

Rapid detach after screen system for flexibility

Piped for dust suppression c/w Spray bars

ELECTRICAL:

Emergency stops

Hand Held Track Control Set with Connection Lead

T-Link Telemetry System fitted c/w 3 years data subscription

GENERAL:

Heavy Duty Track Unit - 3780mm (12' 5") Sprocket Centres, 400mm (16") Shoe Width

Track Speed Fully proportional

Piped for overband magnet

Hydraulic raise/ lower for magnet

Galvanised catwalk c/w handrail, kick board and access ladders

Safety Guards in Compliance with Machinery Directive

Standard oils - (Recommended for ambient temperatures between -5 to +30°C)

Radio remote System: Operational controls of machine (auto start/stop) & track movement

OPTIONAL EQUIPMENT

Tier 4 Final /Stage IV: Scania DC9 257kW (350hp)

Under crusher vibratory feeder with wear resistant steel liners (c/w shortened main conveyor)

Bypass conveyor with 650mm wide plain belt

Pressurised air system for electrical control cabinet

Twin pole overband magnet c/w stainless steel skirting & stainless steel discharge chute

Twin pole heavy duty overband magnet (skirting & chute as above)

Belt weigher on main conveyor

VGF Hopper capacity - With Ext: 8m³ (10.4 yd³) 4m (13' 1") rear feed width with hydraulic folding hopper extensions (optional)

VGF optional grizzly spacing - 25mm/50mm/75mm (Please specify aperture)

Special paint colour (if different from Terex White Colour RAL 1013 or Finlay Orange RAL 2002). RAL must be specified*

Additional dust cover on main conveyor

Additional dust cover on fines conveyor

Water pump for dust suppression

Smaller engine chamber drive pulley to give a rotor tip speed range of 32-40 m/sec (105-131 ft./sec). Standard Large Pulley still dispatched with machine

Hydraulic raise of chamber inlet flap

2nd Apron auto adjust. Check lead-time at time of order

Crushing Chamber Grinding Path

Rotor fitted with 2 full ceramic blow bars to rotor

Rotor fitted with 2 full high chrome blow bars to rotor

Rotor fitted with 4 full martensitic blow bars to rotor

Rotor fitted with 4 full ceramic blow bars to rotor

Rotor fitted with 4 full high chrome blow bars to rotor

Independent pre-screen 1m X 2m, c/w hydraulically folding and locking hopper, 6.25m³ hopper capacity (8.2 yd³) and a rear feed width of 2.56m (8' 5"), 50mm cassette spacing & 38mm mesh as standard - other cassette and mesh apertures available upon request

Independent pre-screen Hopper Extensions giving TBCm³ hopper capacity (TBC yd³) and a rear feed width of 3.4m (11' 2")

Pre-screen optional spacing grizzly - 75mm

Pre-screen Punch Plate optional spacing - 25mm/50mm/75mm (Please specify aperture)

Additional transfer conveyor for collecting material from each individual deck of screen box

1 nr stockpiler drive (Requires 1 nr Auxiliary Drive)*

Lighting mast

Electric Refuelling Pump

Reversible Engine Fan with fuel save function

Fuel Active, Fuel delivery system

Hot climate lubrication kit (Recommended for ambient temperatures between +15 to +50°C)

Cold climate lubrication kit (Recommended for ambient temperatures between -20 to +30°C)

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Main Conveyor

- Belt Width: 1.1m (44")
- Discharge Height: 3.5m (11' 5")
- High spec scraper at head drum
- Dust suppression standard
- Low level greasing standard
- Hydraulic lowering for transport
- Full length belt standard

Independent Hydraulic Pre-screen (optional)

- 1,000mm (40") wide x 2,000mm (79") effective screening length
- 9° working angle
- Mesh and Punch Plate option

Impact Chamber

- Rotor diamater: Ø1033mm (41")
- Rotor width: 1100mm (44")
- Inlet opening: 1130mm (45") x 800mm (32")
- Newly designed Terex Impactor chamber
- 4 Bar rotor standard- 2 high/2 low
- Direct drive via 'V' belts
- Hydraulic assisted apron setting
- Hydraulic release chamber protection

Hopper / Feeder

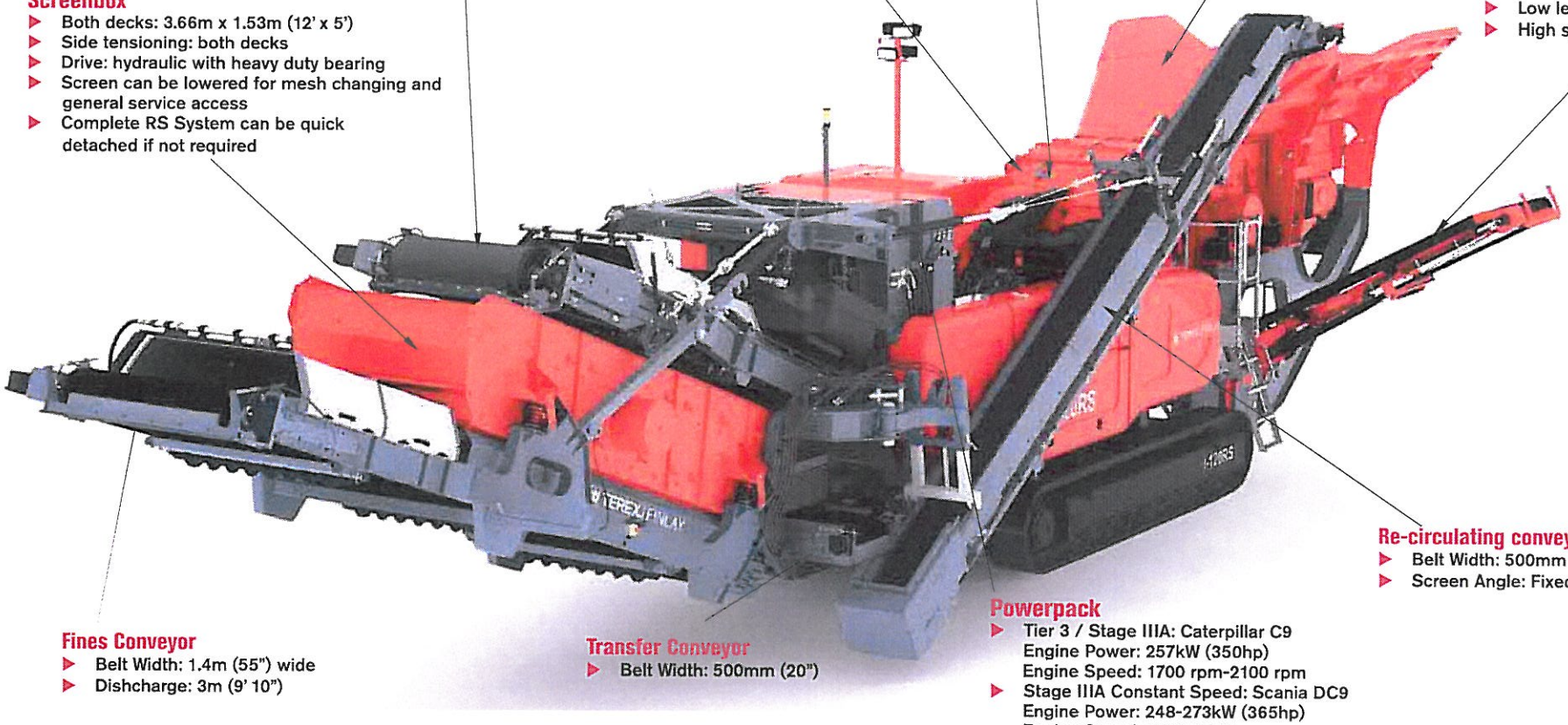
- Hopper capacity: 5m³ (6.5 yd³)
- Hopper capacity - With Ext: 8m³ (10.4 yd³) 4m (13' 1") rear feed width with hydraulic folding hopper extensions (optional)
- Hydraulic locking
- 8mm wear resistant side walls

Bypass Conveyor (optional)

- Belt Width: 650mm (26")
- Max achievable discharge height target approx. 2.5m
- Low level greasing
- High spec scraper at head drum

Screenbox

- Both decks: 3.66m x 1.53m (12' x 5')
- Side tensioning: both decks
- Drive: hydraulic with heavy duty bearing
- Screen can be lowered for mesh changing and general service access
- Complete RS System can be quick detached if not required



Re-circulating conveyor:

- Belt Width: 500mm (20")
- Screen Angle: Fixed

Fines Conveyor

- Belt Width: 1.4m (55") wide
- Dishcharge: 3m (9' 10")

Transfer Conveyor

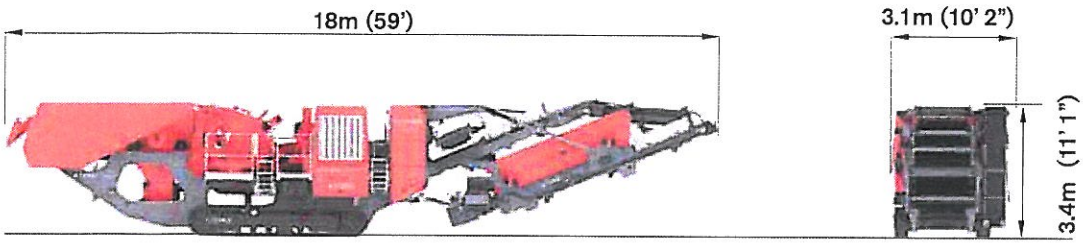
- Belt Width: 500mm (20")

Powerpack

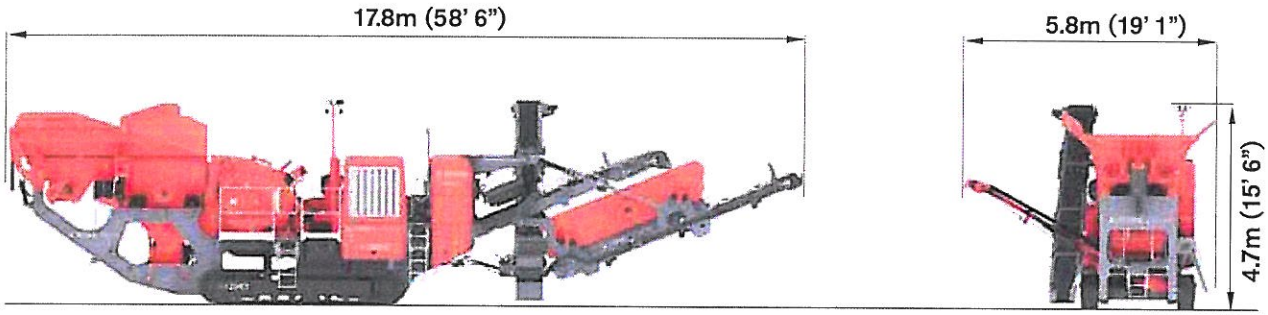
- Tier 3 / Stage IIIA: Caterpillar C9
  Engine Power: 257kW (350hp)
  Engine Speed: 1700 rpm-2100 rpm
- Stage IIIA Constant Speed: Scania DC9
  Engine Power: 248-273kW (365hp)
  Engine Speed: 1500-1900 rpm
- Tier 4F / Stage IV: Scania DC9
  Engine Power: 257kW (350hp)
  Engine Speed: 1500 rpm-1900 rpm

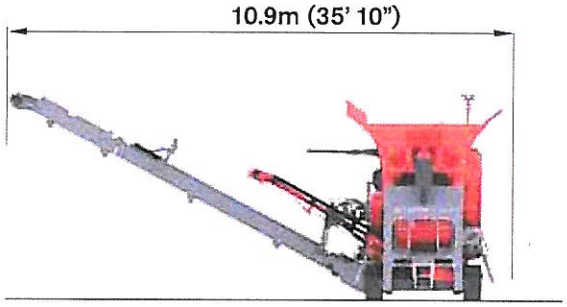
I-120RS

TRANSPORT DIMENSIONS



WORKING DIMENSIONS





*Stockpile Mode

MACHINE WEIGHT: 48,150kg (106,153lbs*)

* VGF, Hopper Extensions, Heavy Duty Magnet

For further information on specific machine weight configurations please consult Terex Finlay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I-120RS