



***DESTROYER 1313***

***KEESTRACK***  
***GROUP***



# Built to last, designed to perform



- Super high performance**
- Easy service and maintenance access**
- Infeed opening 900 x 1280 mm**
- Rotor diameter 1267 mm**
- Direct drive for high performance at low fuel consumption**
- Advanced technology for low cost per ton production**
- User friendly, simple but intelligent controls**
- Built to last, designed to perform**
- Independent 1300 x 3100 mm pre-screen, optional 2 deck after screen**
- Dolly system available**
- Tilting chassis**
- Capacity up to 500 tonnes / hour**



# Technology to support you and the environment

Proven advanced technology for tremendous fuel economy combined with great productivity.

The vibrating feeder with the independent two deck pre screen minimizes wear and improves product shape and capacity.

The Relytec control panel for simplified operation and maintenance.

The Destroyer 1313 may be fully equipped with numerous options in order to suit numerous application.

## Your choice of drive

### ECO-FS (Fuel Saving)

The Diesel engine with low emission norms combined with the load sensing hydraulic system ensures minimum impact on the environment. Load sensing hydraulic saves 4 to 6 l of Diesel fuel an hour. With 1000 annual operational hours your savings can exceed  $\pm$  5.000 l of Diesel fuel.

### ECO-EP (Electric Powered) and ECO-EP+ (with external power connection)

The Electric powered Destroyer can operate:

- autonomous to the Diesel Powered generator (genset),
- by connecting to the electrical mains
- by connecting to an external generator.

Operating results are of the same high quality as the ECO-FS model although maintenance and operating costs are considerable lower.

The fuel costs are drastically reduced by switching to the Electric Powered Destroyer. 33% fuel savings can be achieved when powered by the onboard Genset.

When making use of external electricity from the electrical mains savings can be up to 70% and emissions are reduced to a minimum.





## Features and benefits by clever design

- Optimum flexibility and mobility, no support legs.
- High performance and reliability
- Perfect results at the lowest costs
- Robust and smart design with good access for maintenance, repair and exchanging wear parts
- Easy to transport with the 4 axle Dolly
- Up to 25% greater fuel efficiency by using “load sensing” hydraulics
- Operational in 30 minutes
- Hydraulic tilted chassis for access under the crusher
- Low loading/feeding height
- The best possible cubical final product produced
- Great reduction rate up to 1:10
- Constant grain distribution of crushed products
- Steel hydraulic lines where possible (safer, easier and quicker to repair)
- Protected greasing nipples
- Condensate drain on the fuel tank
- Heavy duty water absorbing filters
- User friendly controls
- Optional return conveyor can be swivelled to a stockpile conveyor
- Separate driven pre screen
- Perfect accessible engine compartment



## Applications

- Limestone and many other natural rock
- Concrete and landfill recycling
- Primary and secondary crushing
- Yard clean up
- Construction waste
- Demolition
- Quarrying and mining
- Gravel and asphalt
- Coal





TECHNICAL SPECIFICATIONS

DESTROYER 1313

	without afterscreen		with afterscreen	
Transport height	3.750 mm	12'3"	3.750 mm	12'3"
Transport width	3.000 mm	9'10"	3.000 mm	9'10"
Transport weight	51.000 kg	56sT	60.000 kg	66sT
Transport lenght	15.900 mm	52'2"	17.800 mm	58'5"

Feedhopper	7 m³	8,75 yards³
Feeding height,	3.670 mm	12'1"
Feeding width,	2.800 mm	9'2"
Feeding length	4.950 mm side	16'3"

Vibrating feeder with variable speed up to 900 rpm		
Length, width	2.400 mm, 1.250 mm	7'10", 4'1"

Two deck pre-screen		
length x width	3.000 mm x 1.250 mm	9'3" x 4'1"

Under screen conveyor		
Length, width	2.850 mm, 1.000 mm	9'4", 40"

Impact crusher		
Inlet opening	900 mm x 1.280 mm	2'11" x 4'2"
Rotor width, diameter	1.250 mm, 1.267 mm	4'2", 4'1"
Rotor speed	518 - 609 rpm (32,5-38,2 m/s)	
Crushing bars	4 pcs, 292 kg each	
Capacity	up to 400 tons/hour	440sT/hour

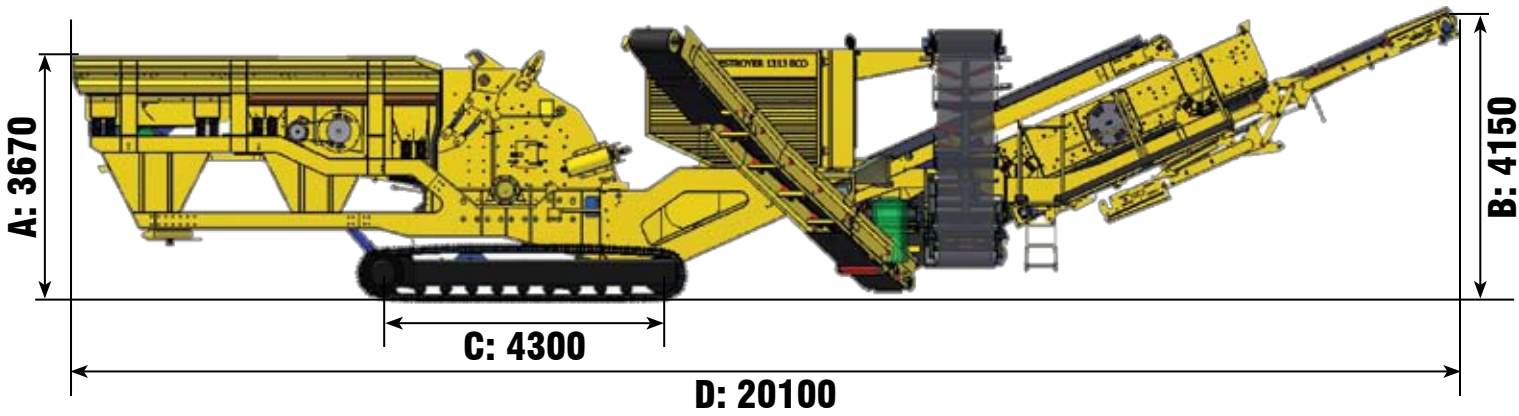
Vibrating feeder under the crusher		
Length, width	3.180 mm, 1.300 mm	10'5", 4'3"

Main output conveyor		
Length x belt width	8.500 mm, 1.400 mm	27'10", 56"

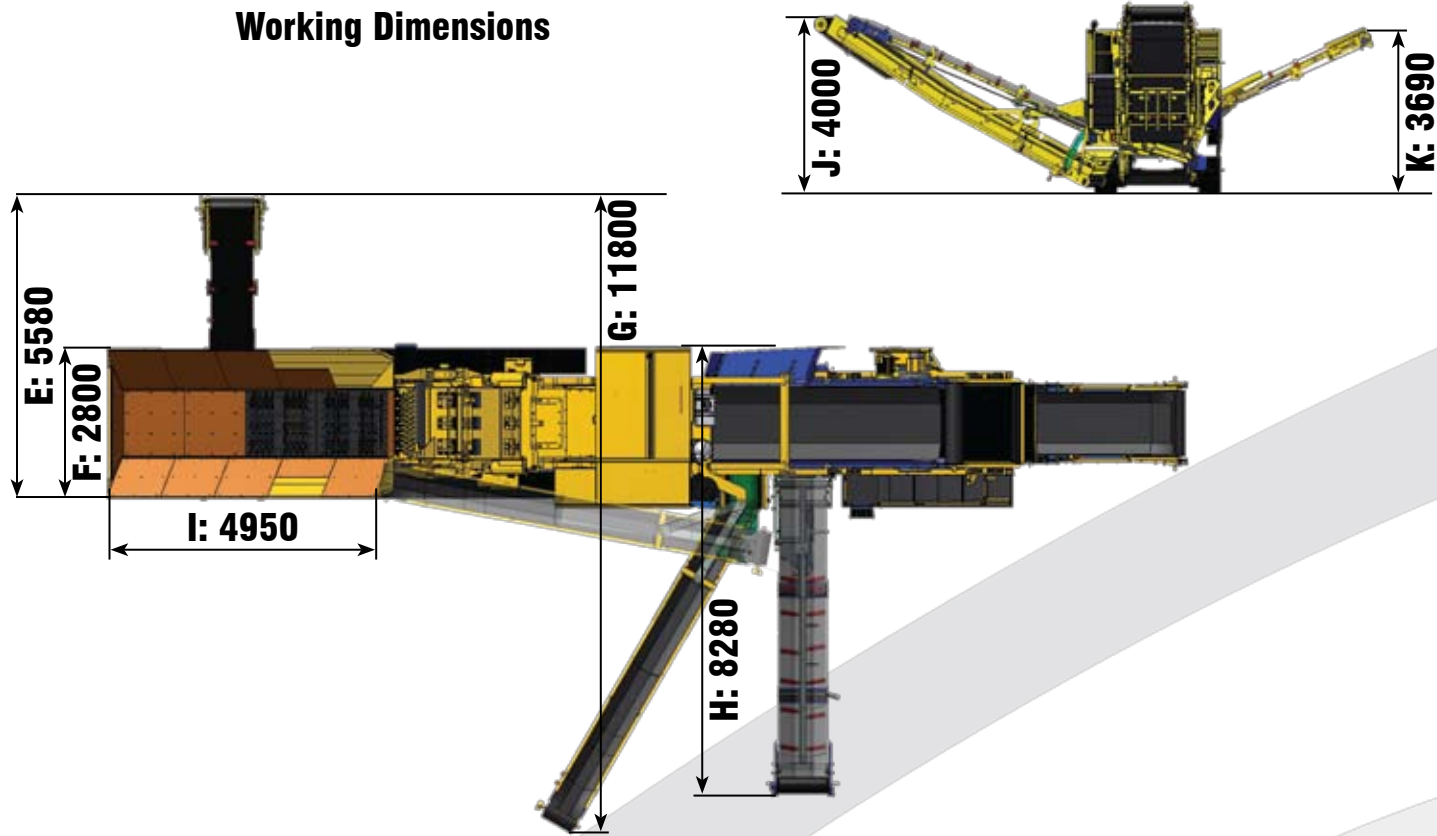
Track drive		
Length x width	4.300 mm x 500 mm	13'5" x 20"
total width	2.850 mm	9'
Speed	1 km/h.	0,7 mile/h

Power unit	Diesel/hydraulic or Diesel/electric
Hydraulic	Load-sensing, fuel saving

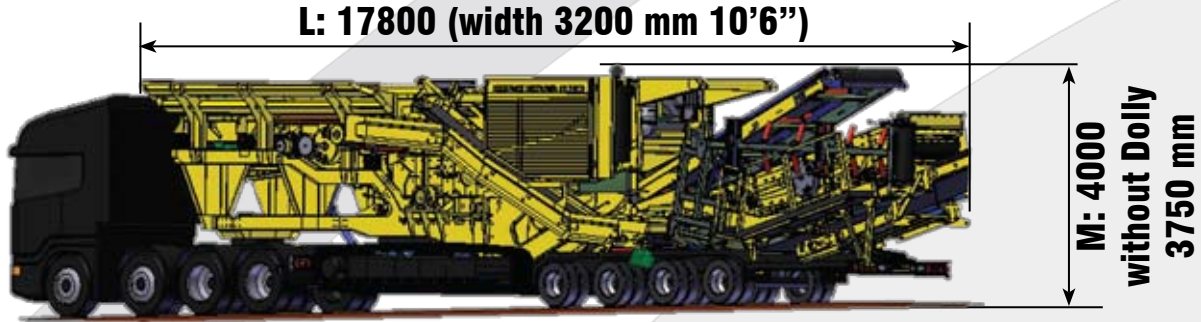
Unit control: Relytec control panel	
PLC	LCD screen 7"



Working Dimensions



Transport with Dolly



A	B	C	D	E	F	G	H	I	J	K	L	M	
3670	4150	4300	20100	5580	2800	11800	8280	4950	4000	3690	17800	4000	mm
12'	13'7"	14'1"	65'11"	18'4"	9'2"	38'9"	27'2"	16'3"	13'1"	12'1"	58'5"	13'1"	Ft/inch





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11.



12.



13.

# **DESTROYER 1313**

## **OPTION LIST**

1. Hydraulic folding side dirt conveyor
2. Hydraulic height adjustable magnetic separator
3. Dust suppression system
4. 2-Deck secondary screening unit 4.500 x 1.500 mm
5. Punched plate pre-screen, in different sizes
6. Radio remote control, 3 available levels
7. Tungsten steel beltscrapers
8. Diesel fill pump 80 l/min. with water separator filter
9. Working lights (4)
10. Oversize return conveyor, swiveling to stockpile
11. Ceramic hammers
12. Middle size (right side) conveyor
13. 4 axle Dolly for transport

*Save money.  
choose ECO-EP drive*





# Destroyer 1313, the greatest performer



available in ECO-EP (diesel/electric)



## Meet the family, the Destroyer 1011 & 1113



# **KEESTRACK** GROUP

KEESTRACK nv • Taunusweg 2 • 3740 Bilzen • Belgium • Tel.: +32 89 51 58 51  
info@keestrack.net • www.keestrack.com

KEESTRACK - OM spa • Via Postumia 62 • 31050 Ponzano Veneto (Treviso) • Italy  
Tel.: +39 0422 441 311 • omtrack@omtrack.it • www.omtrack.it