



***DESTROYER 1113***

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



## **Built to last, designed to perform**

**Super high performance**

**Easy service and maintenance access**

**Infeed opening 800 x 1050 mm**

**Rotor diameter 1260 mm**

**Direct drive for high performance at low fuel consumption**

**Advanced technology for low cost per ton production**

**User friendly, simple but intelligent controls**

**Electric version available**

**Independent pre-screen**

**Huge savings**

**Tilting chassis**

**Capacity up to 400 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 1113 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 however 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
- High performance and reliability
- No support legs
- Perfect results at the lowest costs
- Robust and smart design with good access for maintenance, repair and exchanging wear parts
- Low weight and compact transport dimensions
- Up to 25% greater fuel efficiency by using “load sense” hydraulic
- 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 at the fuel tank
- Heavy duty water absorbing fuel filters
- User friendly controls
- Perfect accessible engine compartment
- Optional return conveyor can be swivelled to a stockpile conveyor
- Separate driven pre screen



## Applications

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





TECHNICAL SPECIFICATIONS

DESTROYER 1113

	without afterscreen		with afterscreen	
Transport height	3.350 mm	10'12"	3.350 mm	10'12"
Transport width	3.000 mm	9'10"	3.000 mm	9'10"
Transport weight	40.000 kg	44sT	46.000 kg	50sT
Transport lenght	14.700 mm	48'4"	16.264 mm	53'4"

Feedhopper	5 m³	6,5 yards³
Feeding height,	3.658 mm	12'1"
width, length side	3.160 mm, 3.800 mm	10'4", 12'6"

Vibrating feeder with variable speed up to 900 rpm	
Length, width	2.000 mm, 1.000 mm 6'7", 3'3"

Two deck pre-screen	
Upper deck: length, width	2.200 mm, 1.000 mm 7'3", 3'3"
Bottom deck: length, width	1.750 mm, 1.000 mm 5'9", 3'3"

Under screen conveyor	
Length, width	2.000 mm, 800 mm 6'7", 40"

Impact crusher	
Inlet opening	800 mm x 1.050 mm 2'5" x 3'5"
Rotor width, diameter	1.000 mm, 1260 mm 3'3", 4'2"
Rotor speed	518 rpm up to 609 rpm (32,5-38,2 m/s)
Crushing bars	4 pcs, 250 kg each
Capacity	up to 400 tons/hour up to 44sT/hour

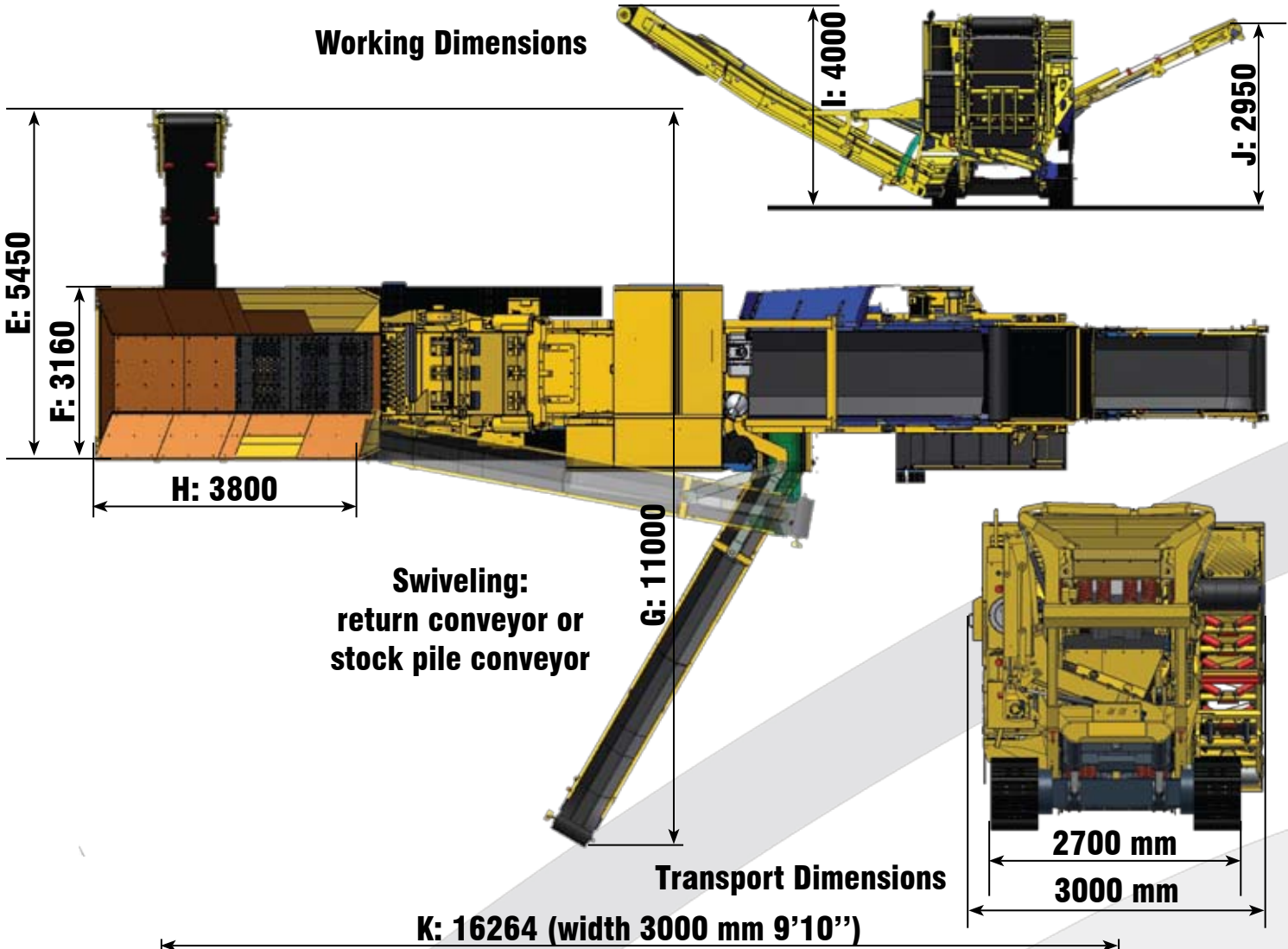
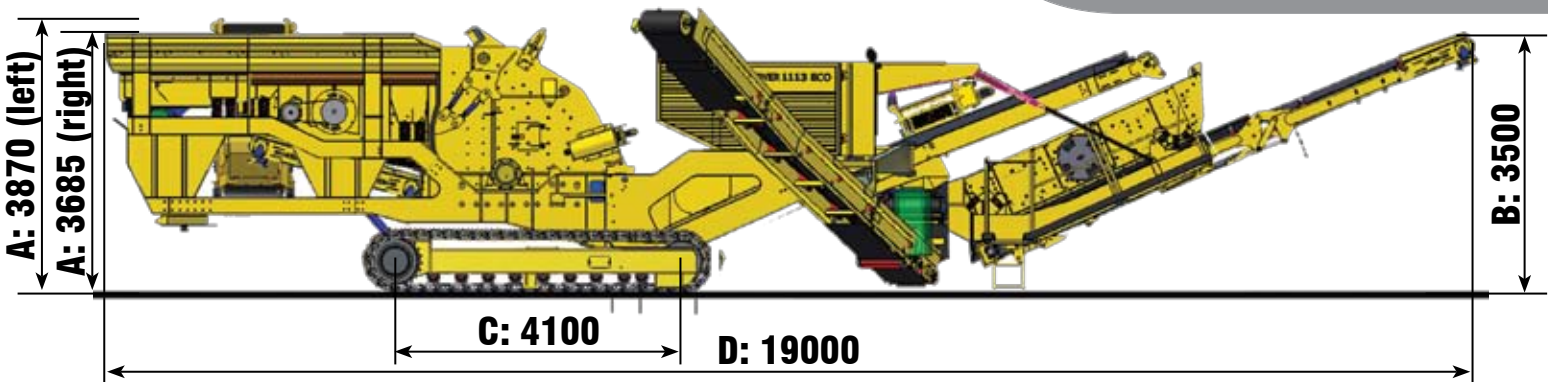
Vibrating feeder under the crusher	
Length, width	3.180 mm, 1.100 mm 10'5", 3'7"

Main output conveyor	
Length x belt width	7.500 mm x 1.100 mm 24'7" x 3'7"

Track drive	
Length x width,	4.100 mm x 500 mm 13'5" x 20"
total width, speed	2.550 mm, 1 km/h. 8'4"

Power unit	Diesel/hydraulic or Diesel/electric
Hydraulic	Load-sensing

Unit control: Relytec control panel	
PLC	LCD screen 7"



A	B	C	D	E	F	G	H	I	J	K	L	
3685	3500	4100	19000	5450	3160	11000	3800	4000	2950	16264	3800	mm
12'1"	11'6"	13'5"	62'4"	17'11"	10'4"	36'1"	12'6"	13'1"	9'8"	53'4"	12'6"	Ft/inch



# DESTROYER 1113

## OPTION LIST



1.



2.



3.



4.



5.



6.



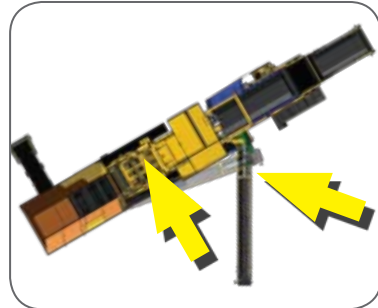
7.



8.



9.



10.



11.

1. Hydraulic folding side dirt conveyor
2. Hydraulic height adjustable magnetic separator
3. Dust suppression system
4. Secondary screening unit 3.300 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. Milling beam (800 kg)

*Save money.  
choose ECO-EP drive*





## Destroyer 1113, proven in action



## Meet the family, the Destroyer 1011 & 1313



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