



EXPLORER 1800

**KEESTRACK
GROUP**

Built to last, designed to perform



High production capacity

Easy service and maintenance access

Available in 3 or 4 split version

Screen box 4500 x 1800 mm

Electric version available

Advanced technology for low cost per ton production

User friendly, simple but intelligent controls

Precision screening

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 Explorer 1800, 3 or 4 split classifier, may be fully equipped with numerous options in order to suit numerous application.

The Relytec control panel for simplified operation and maintenance.

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 annually 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 Explorer can operate:

- autonomous to the Diesel powered generator (genset),
- by connecting to 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 version. 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
- Up to 25% greater fuel efficiency by using “load sensing” hydraulics
- Operational in 30 minutes
- Excellent access for screen change
- Low loading/feeding height
- Steel hydraulic lines where possible (safer, easier and quicker to repair)
- Protected greasing nipples
- Condensate drain on the fuel tank
- Heavy duty quality water absorbing filters
- User friendly controls
- Perfect accessible engine compartment

Applications

- Separation of aggregate
- Construction and demolition
- Screening behind a crusher
- Sand and gravel
- Quarrying
- Compost
- Coal
- Top soil and many other products



TECHNICAL SPECIFICATIONS

	2 deck		3 deck	
Transport height	3.100 mm	10'2"	3.200 mm	10'10"
Transport width	2.550 mm	8'4"	3.000 mm	9'10"
Transport weight	28.000 kg	30sT	31.000 kg	34sT
Transport length	14.300 mm	46'11"	14.300 mm	46'11"

Feedhopper with tipping grid	8,1 m ³	10 yards³
Feeding height	1.750 - 3.600 mm	5'9" - 11'10"
Feeding width	4.500 mm	14'9"
Grid angle	hydraulically* adjustable	*option on ECO EP(+)

Belt feeder		
Full adjustable speed	0 to 6.1 m/min	0-20 ft/min
Capacity	400 t/h	440T

Screen box		
Length x width	4.500 mm, 1.800 mm	14'9" x 5'11"
Effective screen area	2 or 3 x 8,1m ²	2 or 3 x 87,2 ft²

Conveyor belt under the screen box (fine fraction)		
Length x width	6.750 mm, 1.200 mm	22'2" x 4'

Main charge conveyor		
Length x width	9.500 mm, 1.200 mm	21' x 3'11"

Side conveyor left (mid size)		
Length, width	10.000 mm, 800 mm	32'4", 2'7"

Side conveyor right (oversize at 2 deck, mid size at 3 deck)		
Length x width	10.000 mm, 800 mm	32'4", 2'7"

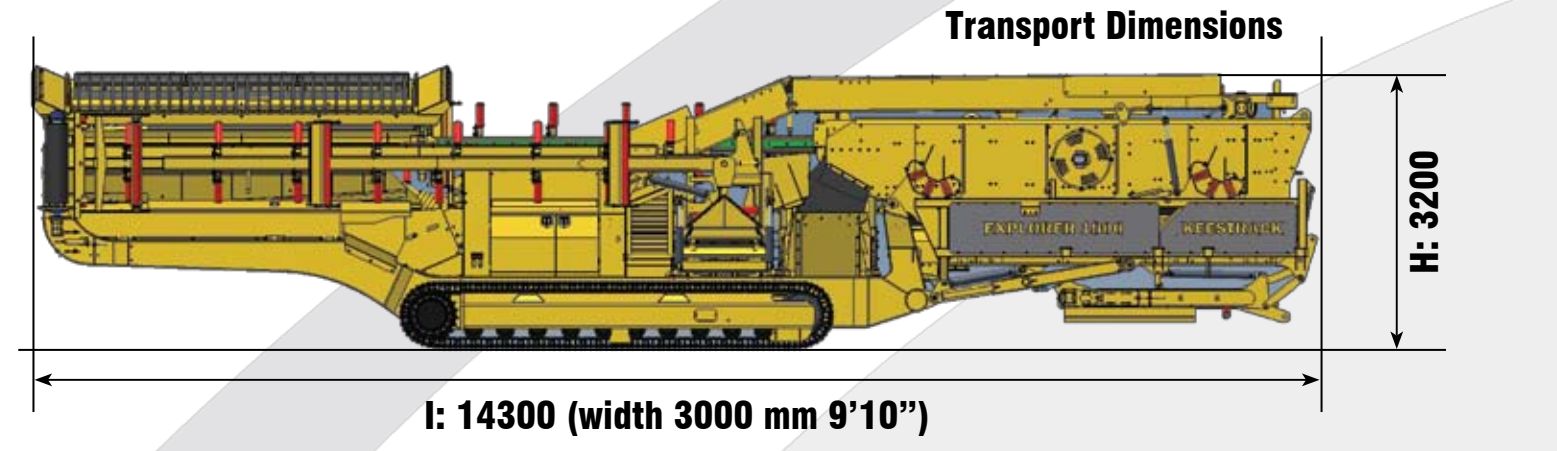
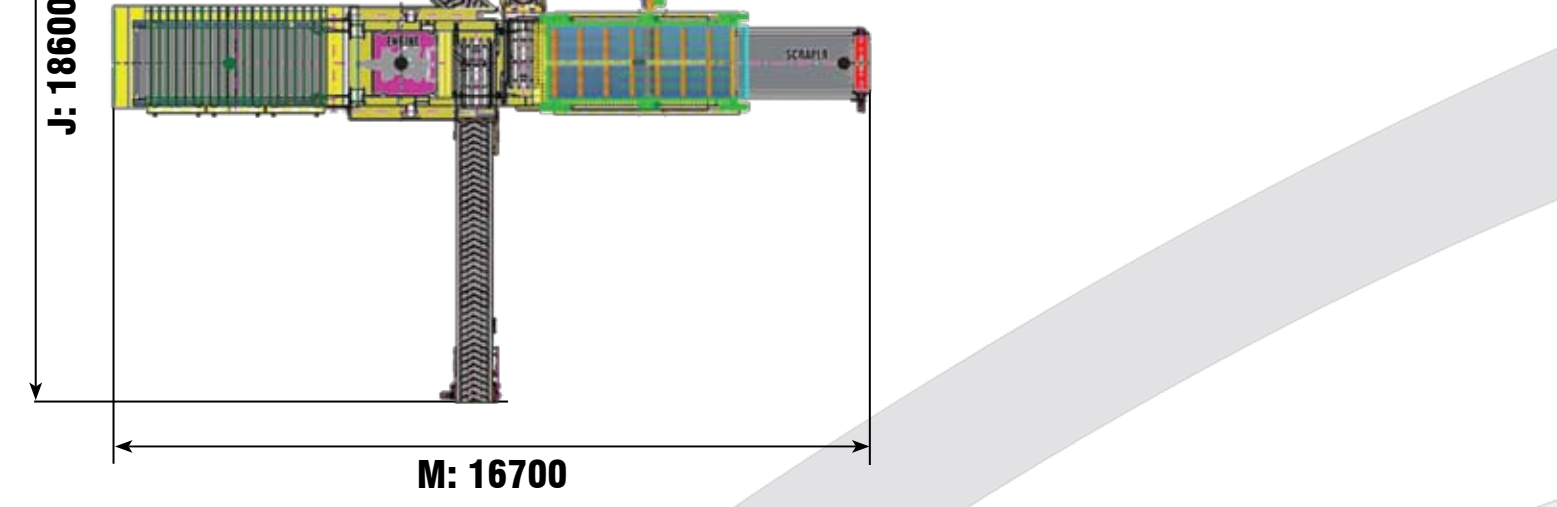
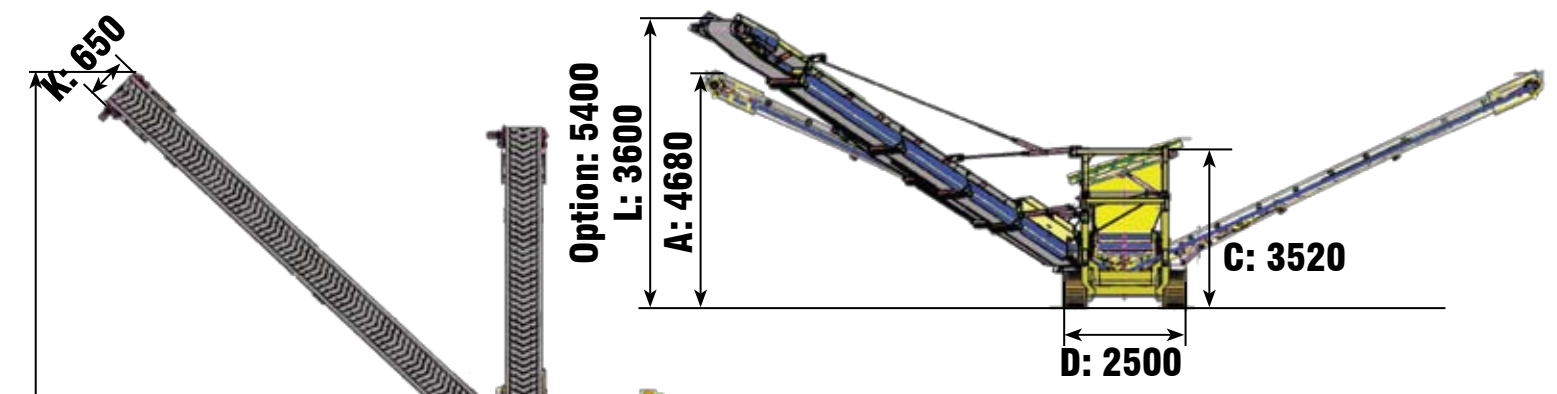
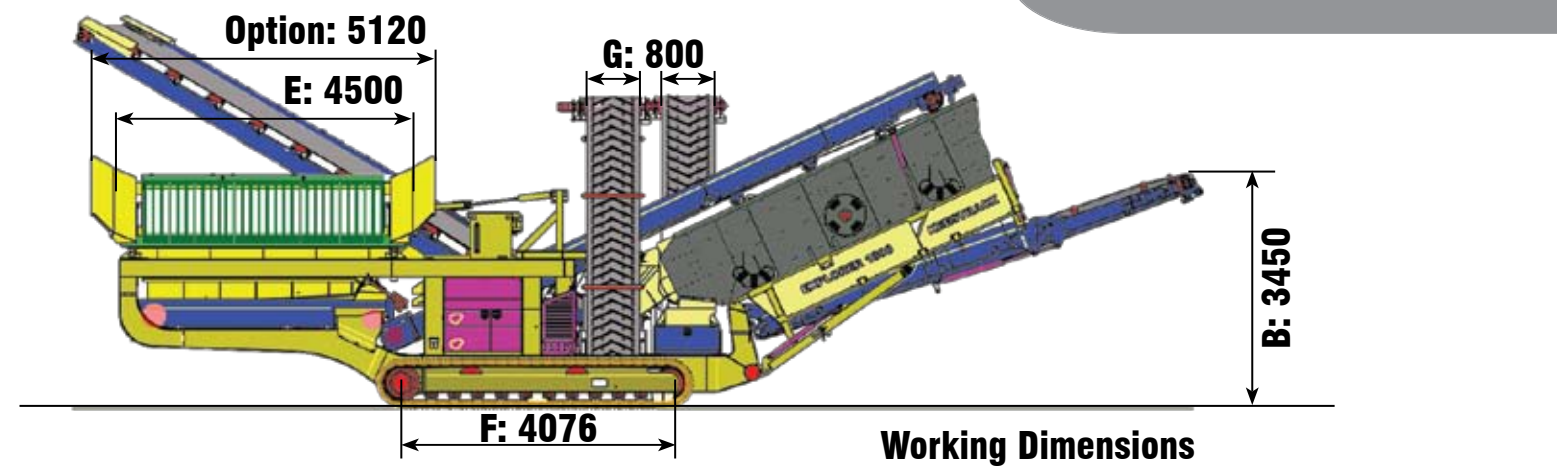
Side-conveyor left (oversize, only at 3 deck)		
Length x width	6.875 mm, 650 mm	22'6", 2'2"

Track drive		
Length x width	3.720 mm x 450 mm, 2.850 mm	
Speed	2 speed drive 0,85 & 1,45 km/h.	

Power unit: Diesel/hydraulic, Diesel/electric via Genset on ECO EP(+)

Hydraulic: Load-sensing, fuel saving

Unit control: Relytec control panel



A	B	C	D	E	F	G	H	I	J	K	L	M	
4680	3450	3520	2500	4500	4076	800	3300	14300	18600	650	5400	16700	mm
15'4"	11'4"	11'7"	8'2"	14'9"	13'4"	2'8"	10'10"	46'11"	61'1"	2'1"	17'9"	54'9"	Ft/inch

EXPLORER 1800

OPTION LIST



1.



2.



3.



4.



5.



6.



7.



8.



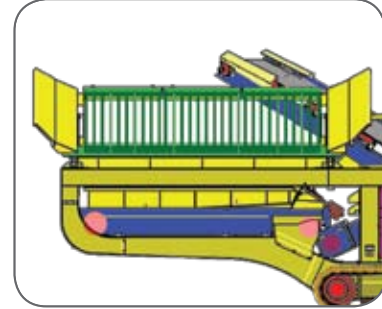
9.



10.



11.



12.



13.



14.

1. ECO EP(+) drive (electric drive)

2. Radio remote control, 2 available levels

3. Tungsten steel belt scrapers

4. Diesel fill pump 80 l/min. with water separator filter

5. Working lights

6. Anti clogging system bottom deck

7. S flex screen mat

8. Overband magnet on main conveyor

9. Vibrating grid, single or double deck

10. Foldable low infeed belt feeder

11. Telescopic oversize conveyor at 3 deck

12. Hopper extensions

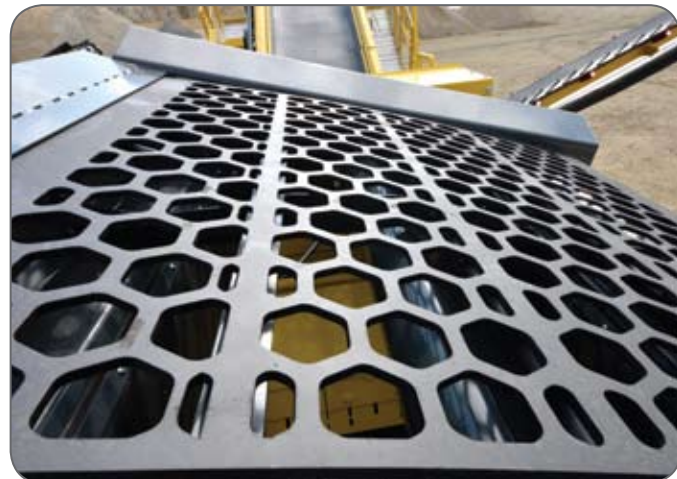
13. Shredder at hopper outlet

14. Central greasing system

15. Polyurethane screen deck at 3 deck

16. Magnetic drive drum on right side conveyor

*Save money.
choose ECO-EP drive*



Explorer 1800, 3 or 4 split classifier



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