




FRONTIER

KEESTRACK
GROUP

Built to last, designed to perform



High performance
Easy service and maintenance access
Screen box 4500 x 1800 mm
Electric version available
Fuel Saving by load sense hydraulic system
Advanced technology for low cost per ton production
User friendly, simple but intelligent controls
Scalping and precision screening
Standard heavy duty apron feeder
Hydraulic liftable screenbox
Endless option list to configure to your application
Capacity up to 600 tonnes / hour

Technology to support you and the environment

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

The Frontier 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 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 Frontier 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 the 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
- High performance and reliability
- Perfect results at 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
- Low loading/feeding height
- Large effective screen surface
- Excellent access under the screen box (hydraulical liftable)
- Easy to exchange screen decks and wear parts
- Standard heavy duty apron feeder
- 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
- Hydraulic folding hopper walls on 3 sides



Applications

- Pre- screening/scalping
- Screening heavy over-burden
- Recycling landfill and construction waste
- Top soil and many other products
- Separation of “sticky” aggregate
- Construction and demolition
- Screening behind or before a crusher
- Sand and gravel
- Quarrying and mining
- Coal
- Wood



TECHNICAL SPECIFICATIONS



Transport height	3.180 mm	10' 7"
Transport width	2.720 mm	8' 10"
Transport weight	± 32.000 kg	35sT
Transport length	13.360 mm	43'10"

Feed hopper	8 m³	10 yards³
All three hopper walls are hydraulically foldable		
Plate apron feeder		
Full adjustable speed	0 to 6,1 m/min	0 - 20 ft/min

Screen box		
Length x width	4.500 mm x 1.800 mm	14'9" x 5'11"
	8,1 m²	90 ft²
Drive	hydraulic, 15 kW	20,4 hp

Conveyor belt under the screen box		
Length x belt width	4.200 mm / 1.400 mm	13'9" x 4'6"
Drive	hydraulic, 11 kW	15 hp

Oversize belt		
Length x belt width	6.500 mm / 1.500 mm	21' x 5'

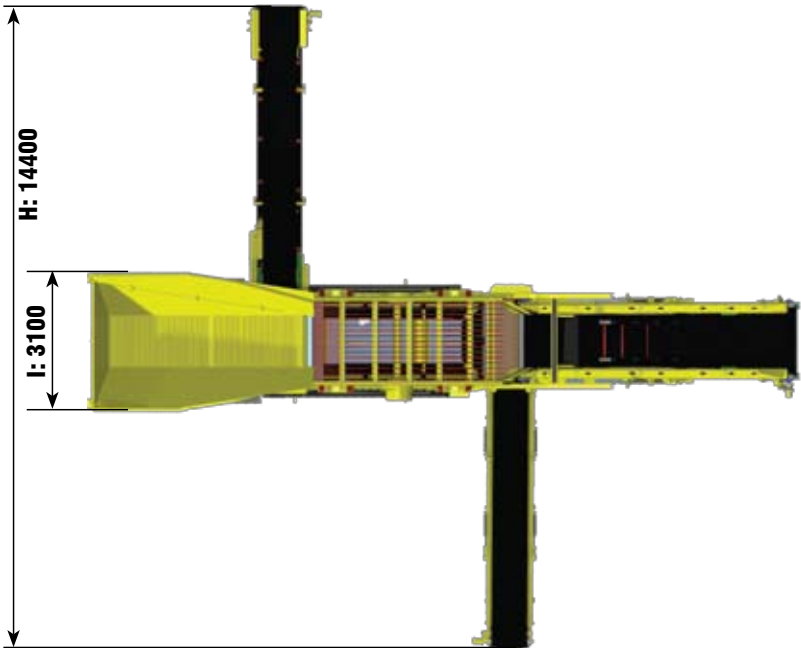
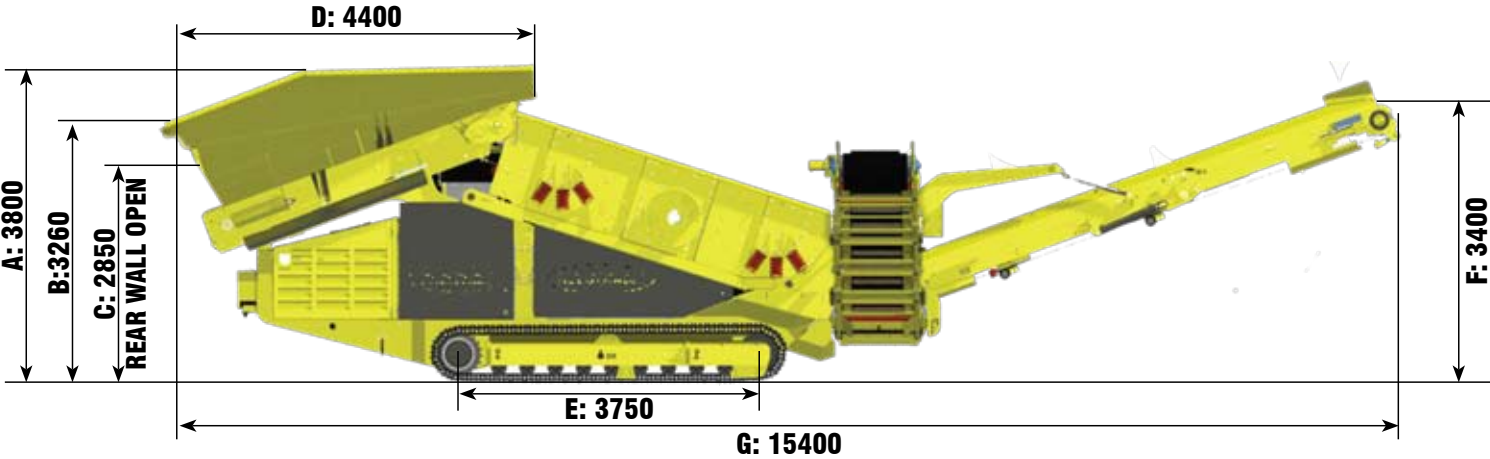
Side conveyor left (fines)		
Length x belt width	8.650 mm / 1.000 mm	28'4" x 40"
Drive	hydraulic, 15 kW	20,4 hp

Side conveyor right (mid fines)		
Length x belt width	8.500 mm / 800 mm	28' x 32"
Drive	hydraulic, 11 kW	15 hp

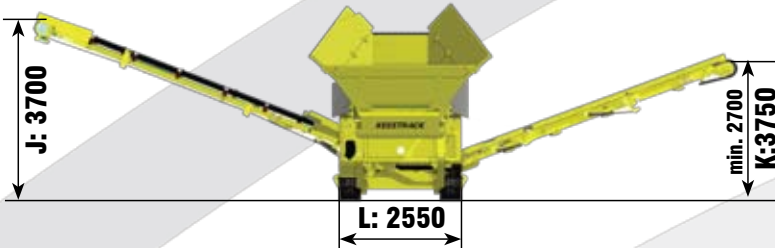
Track drive		
Length x width	3.750 mm x 450 mm	12'4" x 18"
2-Speed	0,85 & 1,45 km/h	0,53 & 0,9 mph

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

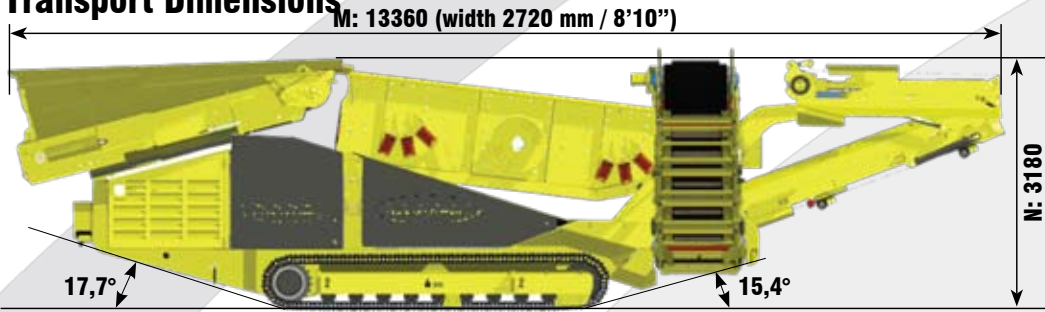
Unit control: Relytec control panel



Working Dimensions



Transport Dimensions



A	B	C	D	E	F	G	H	I	J	K	L	M	N	
3800	3260	2850	4400	3750	3400	15400	14400	3100	3700	3750	2550	13360	3180	mm
12'6"	10'8"	9'4"	14'5"	12'4"	11'2"	50'6"	47'3"	10'2"	12'2"	12'3"	8'4"	43'10"	10'5"	Ft/inch



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10.



11.



12.



13.



14.



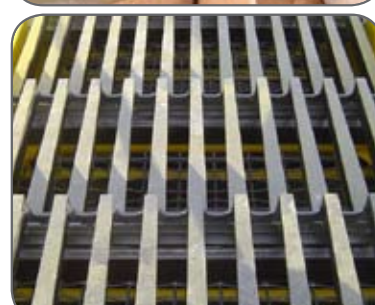
15.



16.



17.



18.

FRONTIER[®] OPTION LIST*

1. Hopper corner walls (8 m³)
2. Hopper Extensions on two sides
3. Low loading hopper XXL (9,5 m³)
4. Hopper extension XXXL (12 m³)
5. HP version, HP screenbox, lower main conveyor
6. XXL main conveyor, automatic folding with guards
7. Working lights (4)
8. Radio remote control, 3 available levels
9. Central greasing system
10. Screen flow break
11. Picking station on both sides
12. Tungsten steel belt scrapers
13. Overband magnet on main, left & right conveyor
14. Diesel fill pump 80 l/min. with water separator filter
15. Anti clogging system
16. Walkway alongside screenbox
17. Extra conveyor powered by Frontier
18. All possible top and bottom decks

*Save money.
choose ECO-EP drive*

* and many more options



Frontier, all options are open



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