



FRONTIER

KEESTRACK
GROUP

Fit the complete mobile Frontier to your needs

With the 30 ton Frontier, Keestrack designed a proven high performance screener, which is unmatched in practical innovations and is the most versatile screen on the market. With the huge amount of options it can be fit to all your screening and scalping needs you have. Separating 3 fractions with a maximum capacity of 600 tonnes / hour. With its user friendly controls and great access for replacing screens, for maintenance and replacement of wear parts it is the best mobile screener on the market today. Fit for pre-screening to precision screening for fine material. The Frontier is ready to handle big feed size at high capacity!

The Frontier is available in a diesel/hydraulic drive and in the ECO drive which is electrical driven. The ECO drive can run autonomously by the diesel engine which generates the electric power by a Genset. However the electricity can also be supplied by the electricity network or from an electrical plug on a crusher.

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MOBILE CRUSHING AND SCREENING EQUIPMENT

Technology to support you and the environment

The advanced technology in the Frontier stands for tremendous fuel economy. The engine with low emission norms combined with the load sensing hydraulics make sure to minimize the impact on the environment and to save fuel.

- Load sensing hydraulics can save 4 to 6 L of Diesel an hour. With 1000 operational hours a year your savings can be \pm 5.000 L of diesel.

The ECO drive runs with zero emission when connected to the electricity network or from an electrical plug on a crusher. But even driven by the Genset of its own diesel engine the ECO drive saves energy as the drive engine needs less rpm than a hydraulic drive.

The optional remote control makes it possible to operate the screener from the excavator.

The Frontier has the most options on the market in order that is suitable for any application.

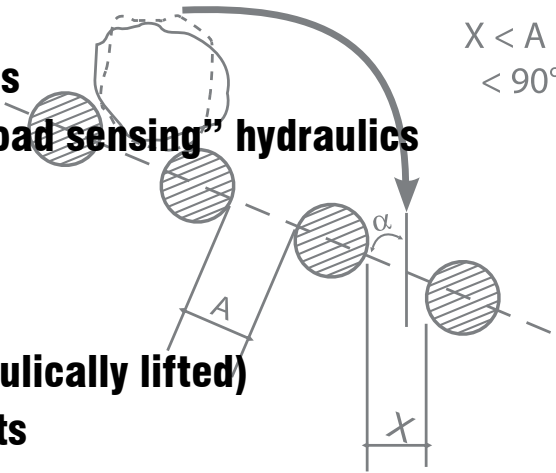
*Save energy,
save fuel.
choose ECO drive*



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MOBILE CRUSHING AND SCREENING EQUIPMENT

Features and benefits by clever design

- Optimum flexibility and mobility
- High performance and reliability
- 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 sensing” hydraulics
- Operational in 30 minutes
- Low loading/feeding height
- Very big effective screen surface
- Excellent access under the screen box (hydraulically lifted)
- 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
- Condensation drain on the fuel tank
- Extra high quality water absorbing filters
- User friendly controls
- Perfect accessible engine compartment



Applications

- Pre- screening/scalping
- Screening behind a crusher
- Recycling landfill and construction waste
- Top soil and many other products
- Separation of “sticky” aggregate
- Construction and demolition
- Sand and gravel
- Quarrying



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TECHNICAL SPECIFICATIONS

Transport height	3.180 mm	10' 7"
Transport width	2.720 mm	8' 10"
Transport weight	± 32.000 kg	36,4 st
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**

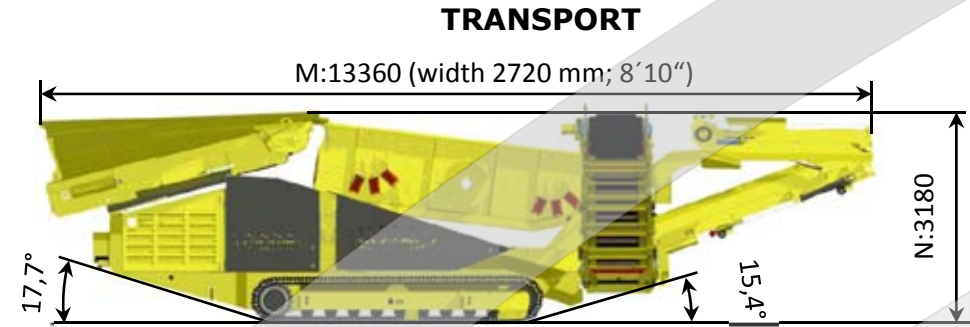
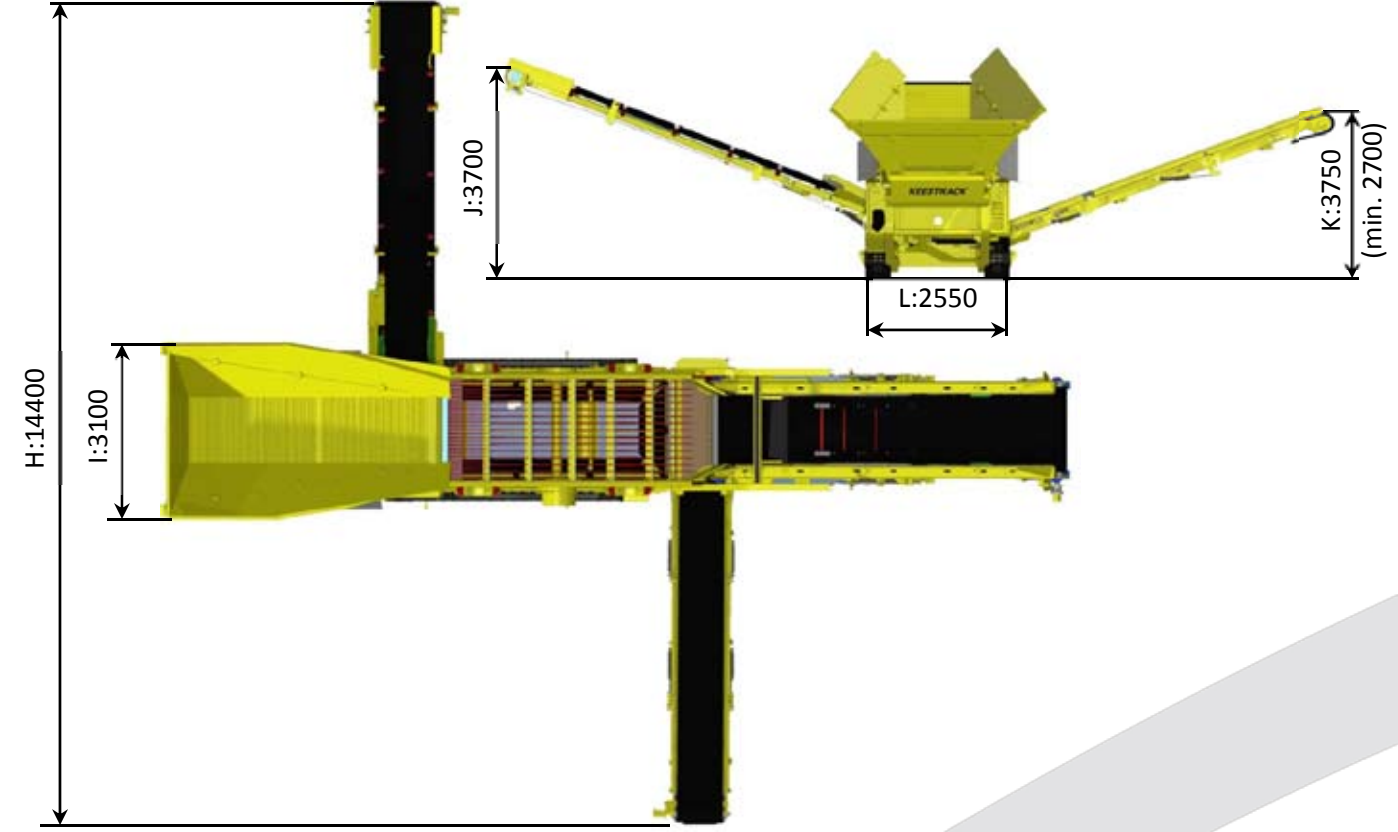
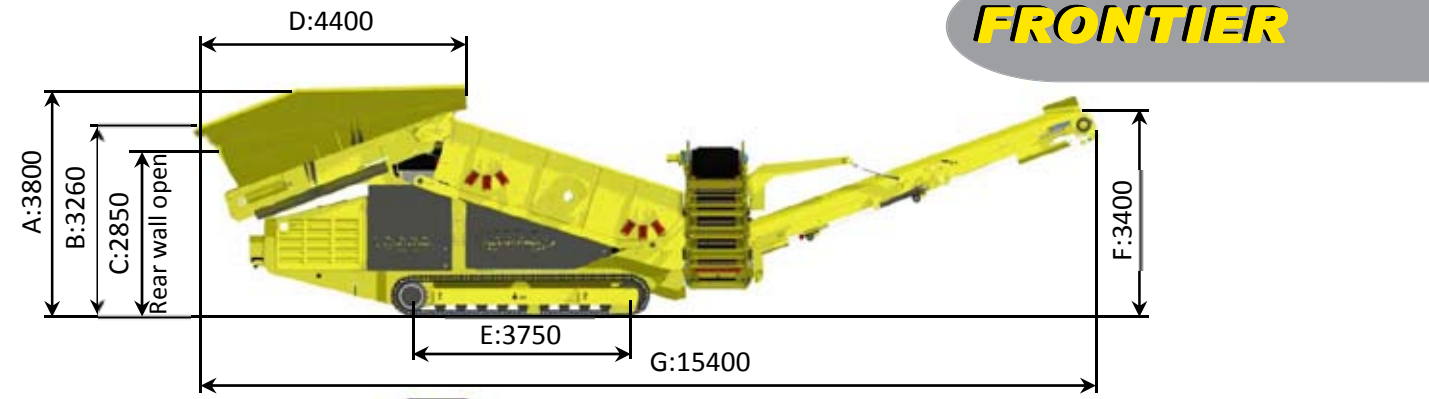
Oversize belt
Length x belt width **6.500 mm / 1.500 mm** **21' x 5'**

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**
Hydraulic **Load-sensing, fuel saving**



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



FRONTIER OPTIONS LIST



1.



2.



3.



4.



5.



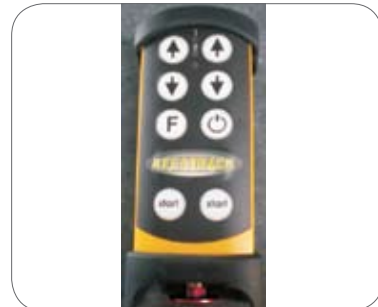
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13.



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16.



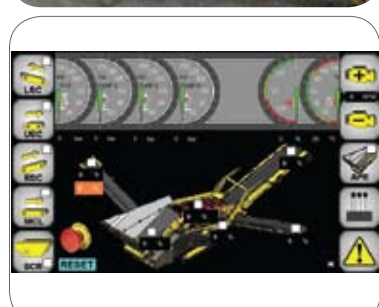
17.



18.



19.



21.



21.

1. Hopper corner walls (8 m³)

2. Hopper Extensions on two sides

3. Low loading hopper XXL (9,5 m³)

4. Hopper extension XXXL (20 m³)

5. High screenbox

6. HP version, HP screenbox, lower main conveyor

7. Main conveyor XXL with guiding chute

8. Working lamps

9. Radio remote control on feeder and tracks

10. Central greasing system

11. Screen flow break

12. Picking station on both sides

13. Tungsten steel belt scrapers

14. Overband magnet on main & right conveyor

15. Diesel fill pump 80L/min.

16. Anti clogging system

17. Belt feeder

18. Walkway alongside screenbox

19. Triple pump & extra conveyor

20. IFM control

21. All possible top and bottom decks



Frontier, all options are open



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KEESTRACK nv • Taunusweg 2 • 3740 Bilzen • Belgium • Tel.: +32 89 51 58 51
Fax: +32 89 51 58 50 • info@keestrack.net • www.keestrack.com

OMTRACK spa • Via Postumia 62 • 31050 Ponzano Veneto (Treviso) • Italy
Tel.: +39 0422 441 311 • Fax: +39 0422 441 499 • omtrack@omtrack.it • www.omtrack.it