



S175

KEESTRACK
GROUP

Big screen, compact size



Scalping and precision screening
Easy service and maintenance access
Screen box 5000 x 1500 mm, the biggest compact
Electric version available
Fuel Saving by load sense hydraulic system
Advanced technology for low cost per ton production
User friendly, simple but intelligent controls
Can easily be changed from 3 to 2 way split
Standard heavy duty apron feeder
Hydraulic liftable screenbox
Contractor's choice, compact by weight and dimensions
Capacity up to 300 tonnes / hour

Technology to support you and the environment

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

The S175, with its giant screen, may be fully equipped with numerous options in order to suit numerous application.

The S175 can easily be changed from a 3 to a 2 way split screener if needed and save logistic costs! Also the right side conveyor can be placed on the left side.

The Relytec control panel simplifies 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 S175 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 version. 33% fuel savings can be achieved when powered by the onboard Genset.

When making use of external electricity from 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 with 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 Fuel Saving “load sense” hydraulic
- Available in Electric Powered version with huge savings in energy consumption and reduced maintenance and operating costs
- Operational in 30 minutes
- Low loading/feeding height
- Large effective screen surface
- Excellent access under the screen box (hydraulical liftable)
- Hydraulic adjustable screen angle
- Right side conveyor can easily be removed, to change from 3 way split to 2 way split
- 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

S175

Transport height	3.130 mm	10' 3"
Transport width	2.812 mm/2.600 mm	9' 3"/8' 6"
Transport weight	27.000 kg	29sT
Transport length	12.600 mm	41'4"

Feed hopper	7 m³ - 9,5 m³	9,1 - 12,3 yards³
All three hopper walls are hydraulic foldable		

Plate apron feeder		
Full adjustable speed	0 to 7,8 m/min	0 - 20 ft/min
Capacity	300 t/h	

Screen box		
Length x width	5.000 mm x 1.500 mm	16'5" x 4'11"
Upper deck	7,5 m²	
Lower deck	6,6 m²	
Drive	15 kW	20 hp

Conveyor belt under the screen box		
Length x belt width	4.200 mm / 1.200 mm	11'6" x 3'11"
Drive	7,5 kW	10 hp

Oversize belt conveyor		
Length x belt width	5.000 mm / 1.200 mm	16'5" x 3'11"

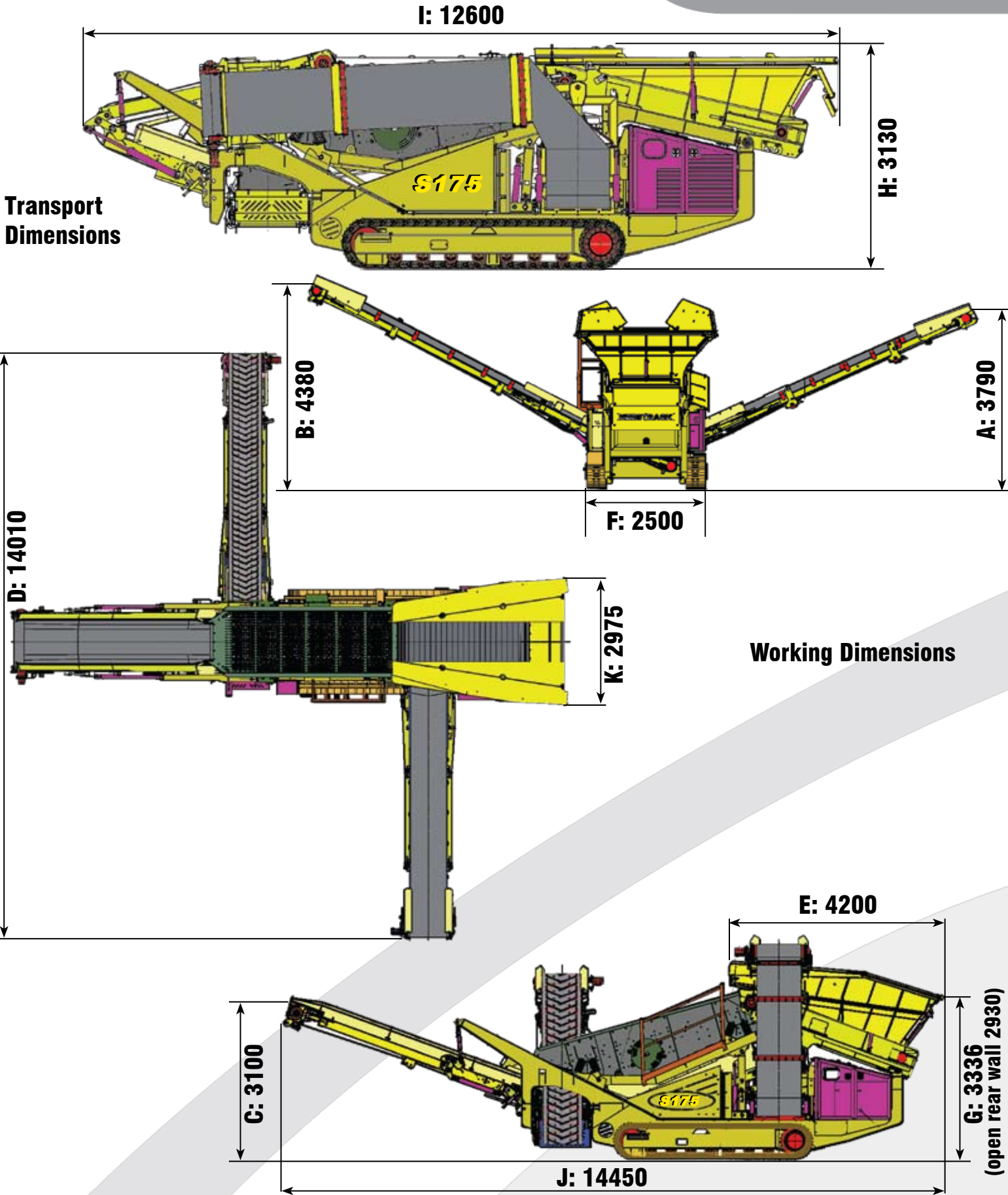
Side conveyor left (fines)		
Length x belt width	8.350 mm / 900 mm	28'5" x 2'11"
Drive	11 kW	15 hp

Side conveyor right (mid fines)		
Length x belt width	8.250 mm / 800 mm	27'10" x 2'7,5"
Drive	7,5 kW	10 hp

Track drive		
Length x width	3.310 mm x 400 mm	11' 8" x 1' 4"
2-Speed	1 & 2 km/h.	0,6 & 1,3 mph

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

Unit control: Relytec control panel



A	B	C	D	E	F	G	H	I	J	K	
3790	4380	3100	14010	4200	2500	3336	3130	12600	14450	2975	mm
12'5"	14'4"	10'2"	46'0"	13'9"	8'3"	10'11"	10'3"	41'4"	47'5"	9'9"	Ft/inch

S175

OPTION LIST



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14.



15.



16.



17.



18.

1. Heavy duty finger screen top deck

2. Finger screen bottom deck

3. Rubber deck top deck

4. Punched plate & full Hardox top deck

5. Anti clogging system bottom deck

6. Screen flow brake

7. Picking station on both sides & overband magnet

8. Radio remote control, 2 available levels

9. Tungsten steel belt scrapers

10. Central greasing system

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

12. Working lights (4)

13. Optical belt scale

14. Corner extensions on 2 sides & back wall

15. Hopper extensions on 2 sides

16. Long movable oversize conveyor SXL

17. Low loading hopper XXL

18. Dust suppression system

* and many more options

*Save money.
choose ECO-EP drive*



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