




NOVUM

KEESTRACK
GROUP

Built to last, designed to perform



Scalping and precision screening
Easy service and maintenance access
Screen box 4200 x 1500 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
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 Novum may be fully equipped with numerous options in order to suit numerous application.

The Novum can easily be changed from a 3 to a 2 way split screener if needed and save logistic costs!

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 operational hours a year your savings can be \pm 5.000 l of Diesel fuel.

ECO-EP (Electric Powered) and ECO-EP+ (with external power connection)

The Electric powered Novum 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

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



The Novum together with the Destroyer 1112 impact crusher in specific company colors



TECHNICAL SPECIFICATIONS



Transport height	3.130 mm	10' 3"
Transport width	2.550 mm	8' 4"
Transport weight	± 26.500 kg	29T
Transport length	10.681 mm	35'0"

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	4.200 mm x 1.500 mm	13'9" x 4'11"
Upper deck	6,3 m²	
Lower deck	5,4 m²	
Drive	15 kW	20 hp

Conveyor belt under the screen box		
Length x belt width	3.340 mm / 1.200 mm	11'6" x 3'11"
Drive	7,5 kW	10 hp

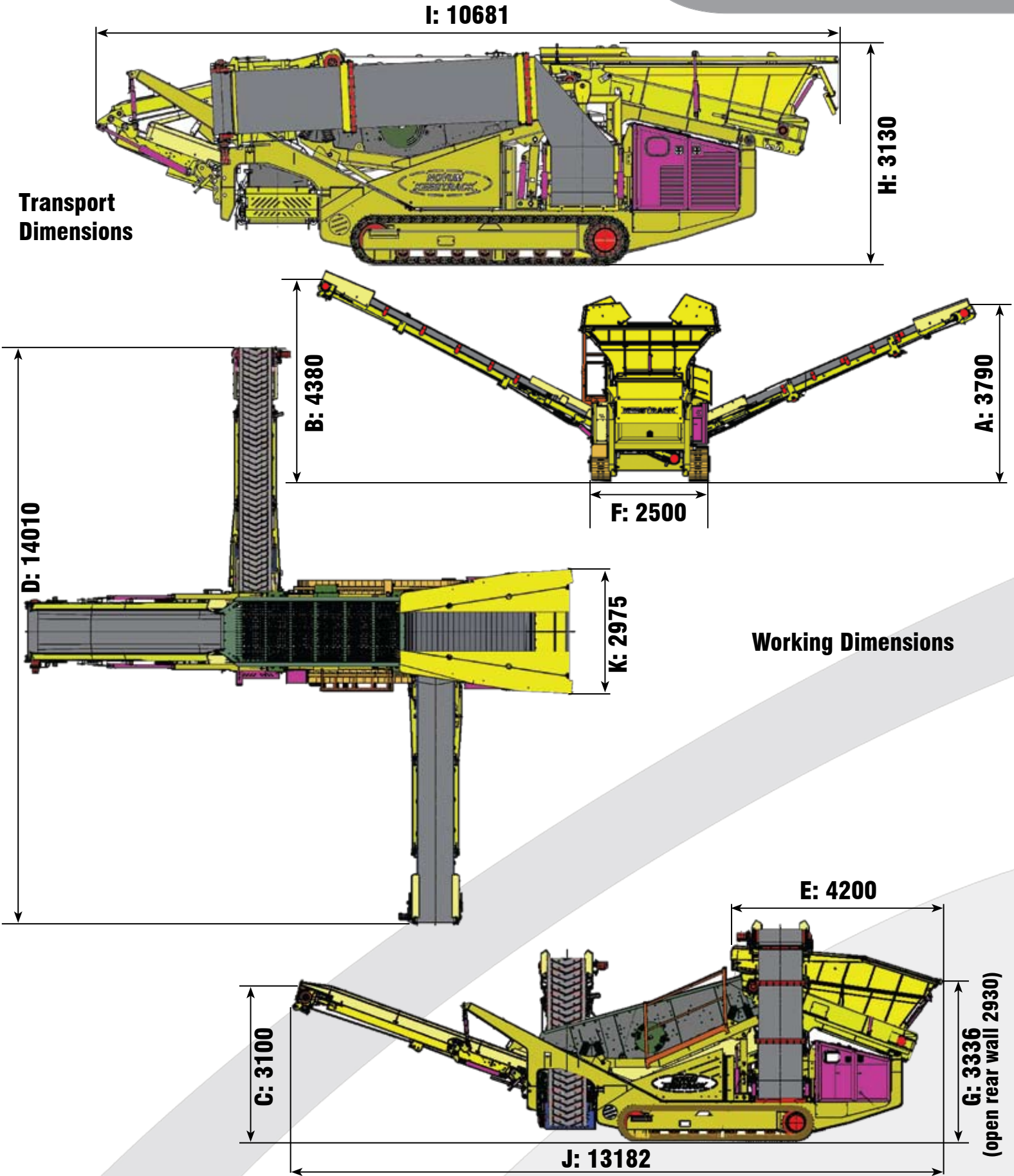
Oversize belt conveyor		
Length x belt width	5.000 mm / 1.200 mm	16'5" x 3'11"

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	



A	B	C	D	E	F	G	H	I	J	K	
3790	4380	3100	14010	4200	2500	3336	3130	10681	13182	2975	mm
12'5"	14'4"	10'2"	46'0"	13'9"	8'3"	10'11"	10'3"	35'0"	43'3"	9'9"	Ft/inch



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NOVUM

OPTION LIST*

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. Removable right side conveyor, from 3 to 2 split
6. Anti clogging system bottom deck
7. Screen flow brake
8. Picking station on both sides
9. Radio remote control on feeder and tracks
10. Tungsten steel belt scrapers
11. Central greasing system
12. Diesel fill pump 80 l/min.
13. Working lights
14. Hydraulic folding hopper walls on 3 sides
15. Corner extensions on 2 sides & back wall
16. Hopper extensions on 2 sides
17. Extra long oversize conveyor XXL
18. Low loading hopper XXL
19. Dust suppression system
20. Middle deck
21. HP version, with extra long screen box

* and many more options

*Save money.
choose ECO-EP drive*



21.



Novum, compact and versatile



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