



EXPLORER 1800

KEESTRACK
GROUP

Large production capacity with the Explorer 1800 classifier

The Explorer 1800 classifier is available in a 3 or 4 split version. Starting at 28.000 kg for the 3 split version until 32.500 kg (without options) for the 4 split ECO version. The Explorer 1800 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. The Explorer 1800 is eminently suitable for deployment in any number of high production screening applications. Its capacity up to 400 tonnes an-hour makes it a highly productive classifier which is unmatched in practical innovations and gives you the best cost per ton. With its user friendly controls, great access for maintenance and replacing wear parts it is the best mobile classifier on the market today. The effective screen area is 8,1 m² for every deck. So 16,2 m² or 24,3m².



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MOBILE CRUSHING AND SCREENING EQUIPMENT

Technology to support you and the environment

The proven advanced technology of the Explorer series stands for tremendous fuel economy combined with great productivity. 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.

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

The optional remote control on the Explorer makes it possible to operate the classifier from the excavator.

The Explorer 1800 may be fully equipped with numerous options in order that it 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, 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**
- **Condensation drain on the fuel tank**
- **Extra high 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**



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TECHNICAL SPECIFICATIONS

EXPLORER 1800

| | 2 deck | 2 deck ECO | 3 deck | 3 deck ECO |
|------------------|-----------|-------------|-----------|-------------|
| Transport height | 3.100 mm | | 3.300 mm | |
| Transport width | 2.550 mm | | 3.000 mm | |
| Transport weight | 28.000 kg | (29.000 kg) | 31.000 kg | (32.500 kg) |
| Transport length | 14.300 mm | | 14.300 mm | |

Feedhopper with tipping grid 8,1 m³
Feeding height, width 1.750 - 3.600 mm, 4.500 mm
Grid angle hydraulically* adjustable (*option on ECO)

Belt feeder
Full adjustable speed 0 to 6.1 m/min
Capacity 400 t/h

Screen box
Length x width 4.500 mm, 1.800 mm
Effective screen area 8,1m² for every deck, so 2 or 3 x 8,1m²

Conveyor belt under the screen box (fine fraction)
Length x width 6.750 mm, 1.200 mm

Main charge conveyor
Length x width 9.500 mm, 1.200 mm

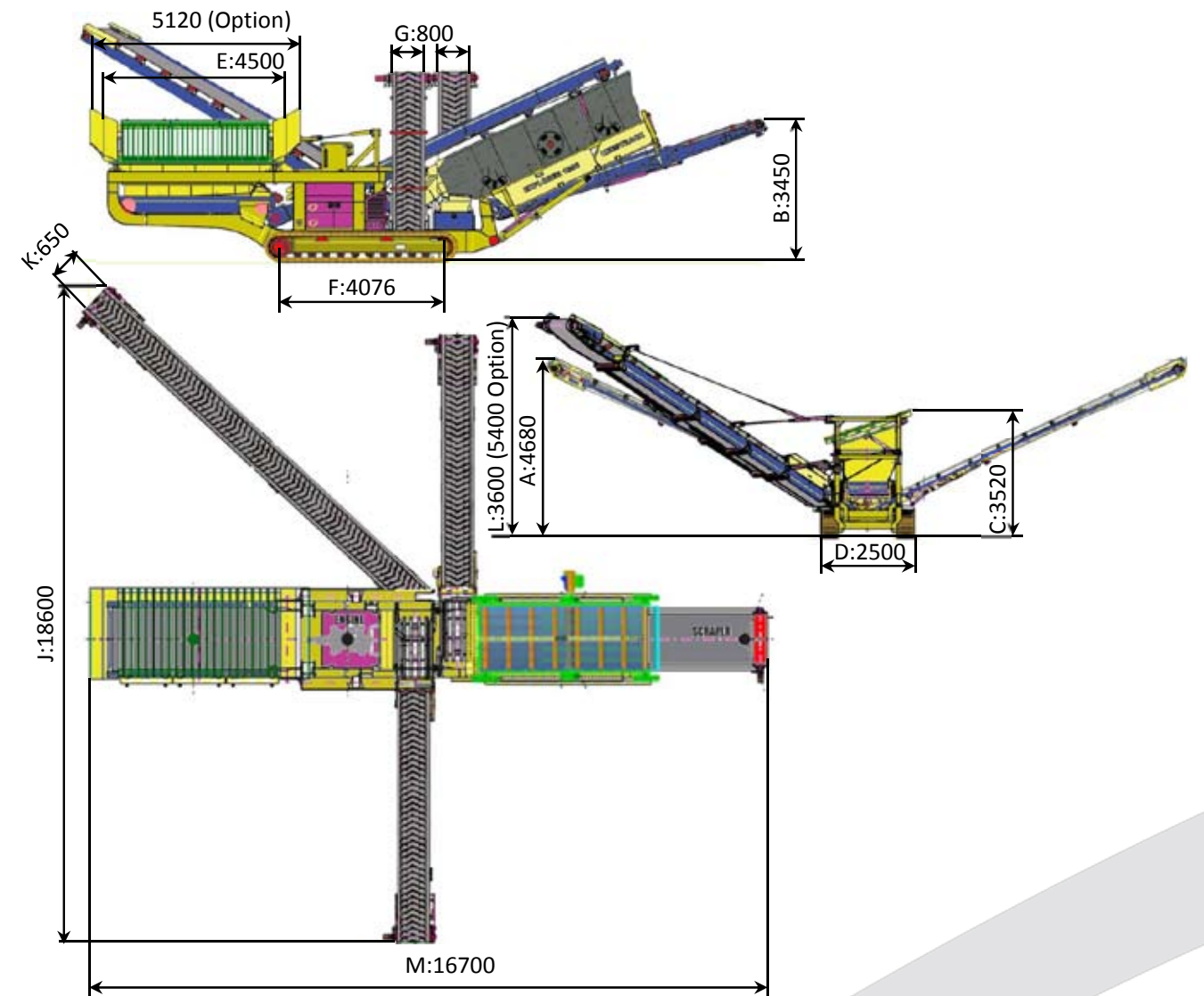
Side conveyor left (mid size)
Length, width 10.000 mm, 800 mm

Side conveyor right (oversize at 2 deck, mid size at 3 deck)
Length x width 10.000 mm, 800 mm

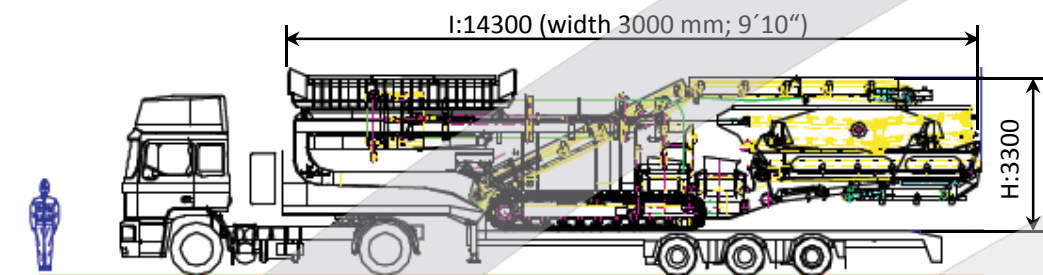
Side conveyor left (oversize, only at 3 deck)
Length x width 6.875 mm, 650 mm

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
Hydraulic Diesel/Electric via Genset (ECO)
 Load-sensing, fuel saving



TRANSPORT



| 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/in |





1.



2.



3.



4.



5.



6.



7.



8.



9.



10.



11.



12.

EXPLORER 1800

OPTIONS LIST

- 1. ECO drive (electric drive)
- 2. Radio remote control on feeder and tracks
- 3. Tungsten steel beltscrapers
- 4. Diesel fill pump 80L/min.
- 5. Working lights
- 6. Anti clogging system bottomdeck
- 7. Rubberdeck topdeck
- 8. S flex screen mat
- 9. Overband magnet on main conveyor
- 10. Vibrating grid
- 11. Foldable low infeed belt feeder
- 12. Telescopic oversize conveyor at 3 deck
- 13. Polyurethane screen deck at 3 deck



Explorer 1800, 2 or 3 deck classifier



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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