

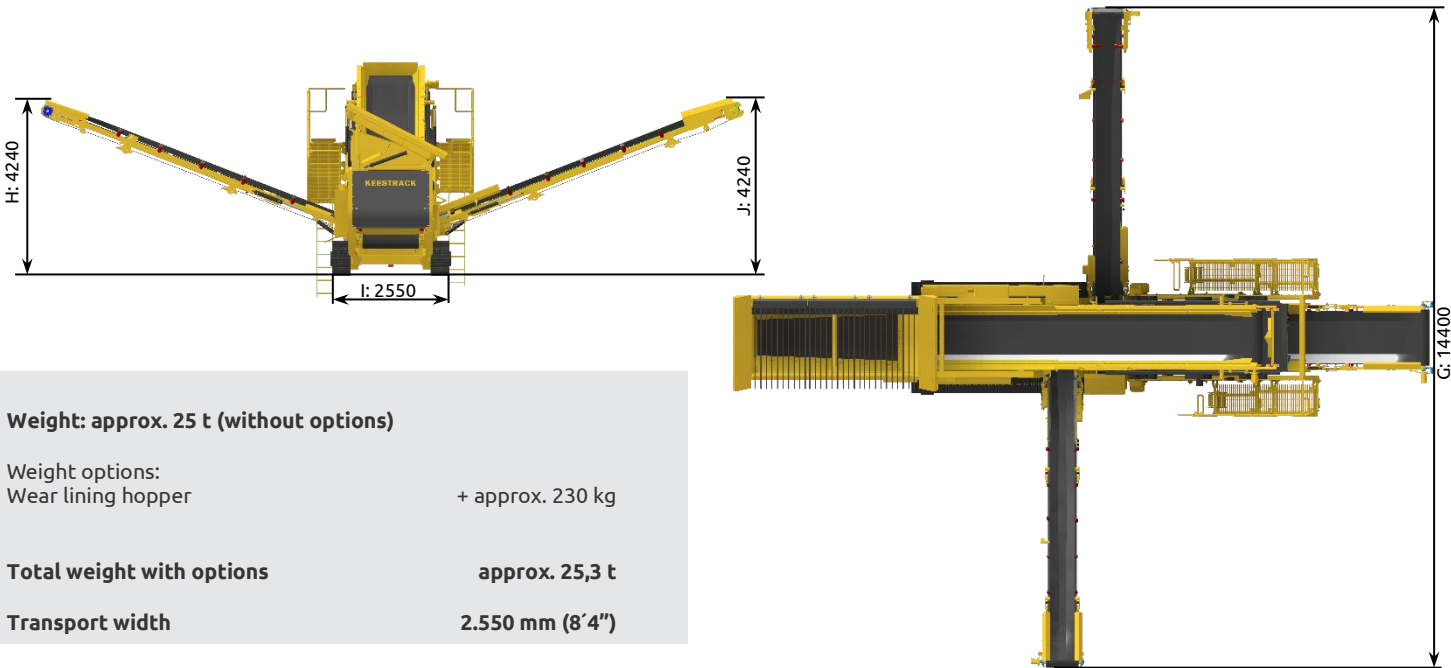
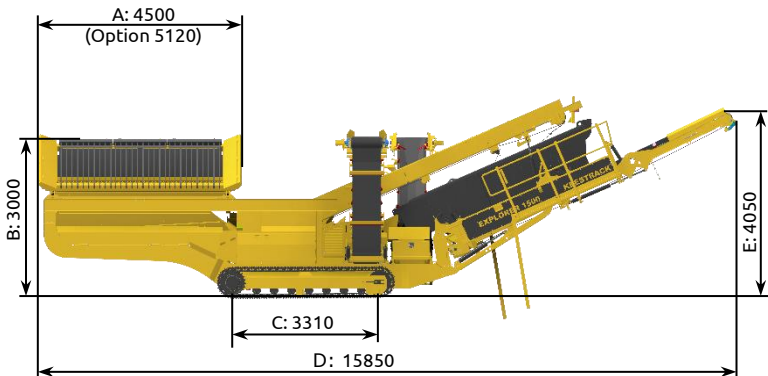
CLASSIFIER C4

3-WAY-SPLIT



DIMENSIONS

OPERATION:



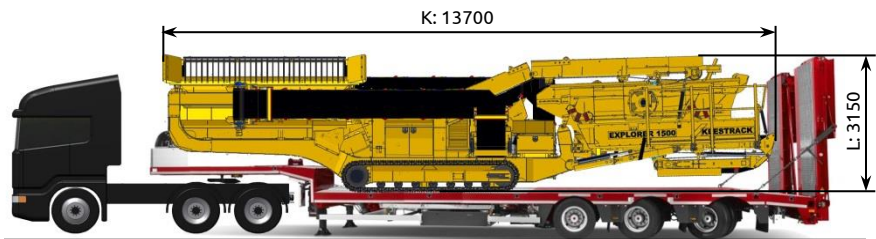
Weight: approx. 25 t (without options)

Weight options:
Wear lining hopper + approx. 230 kg

Total weight with options approx. 25,3 t

Transport width 2.550 mm (8'4")

TRANSPORT:



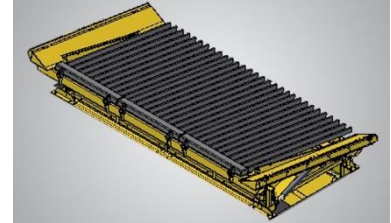
REMARK: All pictures might show options, not included in the scope of supply

A	B	C	D	E	F	G	H	I	J	K	L
4500	3060	3310	15850	4050	----	14400	4240	2550	4240	13700	3150
14'9"	10'0"	10'10"	52'0"	13'3"	----	47'3"	13'11"	8'4"	13'11"	44'11"	10'4"

TECHNICAL SPECIFICATION

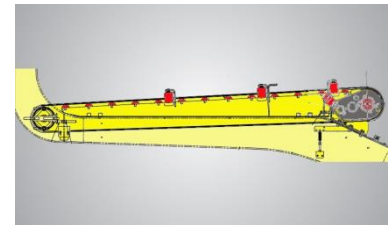
1) FEED HOPPER

- Content	8,1 m³; with hopper extension 750 mm p/n 612700: 13 m³	(10 yard³)
- Design	Wear resistant steel HB 450	
- Feeding height	3.060 – 3.520 mm (without grid 2.400 mm)	(10'1" - 11'6")
- Feeding length lateral	4.500 mm	(14'9")
- Grid angle	Hydraulic adjustable 13, 14, 18, 24 and 28°	
- Grid opening	100 mm (p/n 661207)	(4")
	122 mm (p/n 661209)	(5")
	135 mm (p/n 661210)	(5,5")
	150 mm (p/n 661211)	(6")



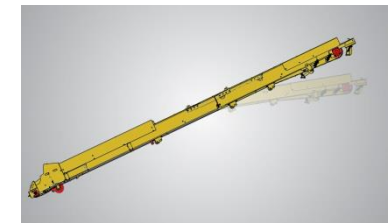
2) BELT FEEDER

- Model	60 BFR 102-00	
- Full adjustable speed	0 - 6,1 m/min	(0 - 20 ft/min)
- Axle distance	3.467 mm	(11'5")
- Belt width	1.200 mm	(3'11")
- Belt	EP 630/4 6+2 Grade Y	
- Drive	Hydraulic with gearbox 7,5 kW	(10,2 hp)
- Feed capacity	300 t/h	



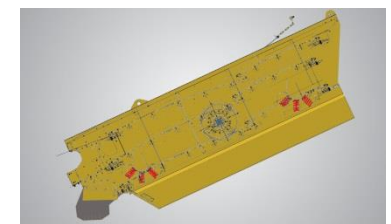
3) MAIN CONVEYOR

- Model	40 MCL 100-00	
- Length	8.600 mm	(28'3")
- Width	1.200 mm	(3'11")
- Drive	Hydraulic motor 15 kW	(20,4 hp)
- Rubber belt quality	EP 400/3 4+2 Grade N 17	



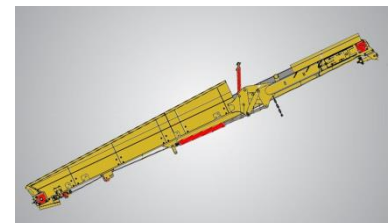
4) DOUBLE DECK SCREEN

- Model	40 SCR 100-00	
- Length x width	3.600 mm x 1.500 mm	(11'10"x5')
- Effective screen area	3 x 5,4 m²	
- Screen	Steel wire: Each deck 2 pcs. end tensioned	
- Drive	Hydraulic motor 15 kW	
- Access walkway	On the right side; for transport manually foldable; (20 hp) width 600 mm	



5) UNDERSCREEN CONVEYOR (fine fraction)

- Model	40 USC 100-00	
- Length	6.790 mm	(22'4")
- Width	1.200 mm	(3'11")
- Drive	7,5 kW hydraulic motor	(11 hp)
- Rubber belt quality	EP 400/3 4+2	
- Transport	Hydraulically fold-able	
- Stockpile volume	approx. 210 t ($\gamma=1,7$; 37° angle of repose)	



TECHNICAL SPECIFICATION

6) STOCKPILE BELT CONVEYOR LEFT (middle fraction)

- Model	41 LSL 105-00-H	
- Length	8.500 mm	(27'11")
- Width	650 mm	(2'2")
- Drive	Hydraulic 7,5 kW	(10,2 hp)
- Rubber belt quality	EP 400/3 3+1,5 V-385 Chevron 635/15	
- Transport	Hydraulically fold-able	
- Stockpile volume	approx. 240 t ($\gamma=1,7$; 37° angle of repose)	



7) STOCKPILE CONVEYOR RIGHT (coarse fraction)

- Model	41 RSL 105-00-H	
- Length	8.500 mm	(27'11")
- Width	650 mm	(2'2")
- Drive	Hydraulic 7,5 kW	(10,2 hp)
- Rubber belt quality	EP 400/3 3+1,5 V-385 Chevron 635/15	
- Transport	Hydraulically fold-able	
- Stockpile volume	approx. 240 t ($\gamma=1,7$; 37° angle of repose)	



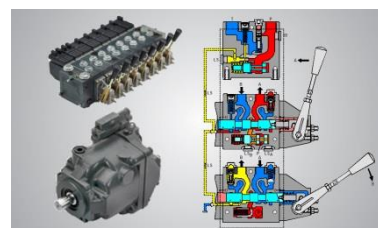
8) TRACK - UNIT

- Model	40 TRA-100-00	
- Length	3.310 mm	(10'10")
- Width track shoe	400 mm	(1'4")
- Total width	2.550 mm	(8'4")
- 2 speeds	1,32 km/h and 2,28 km/h	(0,8/1,5 mph)
- Drive	Hydraulic piston motor and planetary gears	



9) HYDRAULIC

Hydraulic main pump	Variable flow, swash plate pump load sense open loop circuit 100 cc	
Max. flow	180 + 68 + 40 = 288 l/min at 1800 R.P.M.	(75 gpm)
Max. pressure	265 bar	(3.770 psi)
Pump regulation	servo hydraulic load sensing regulation, pressure compensation, flow compensation automatic flow optimizer	
Hydraulic pump II	Fixed flow 38 cc gear pump (for LSB)	
Hydraulic pump III	Fixed flow 22 cc gear pump (for USC)	
Hydraulic tank	242 l	(63 gal)
Hydraulic oil filter	1 full flow filter in return line with integrated fine filter area (10 μ m)	
Hydraulic oil cooler	Integrated compact cooler, with water and air cooling package	
Hydraulic valves	PVG 32 proportional 6 bank valve	



With „Load sensing“ hydraulic pumps, the fuel consumption is reduced by approx. 20-25%, compared to standard hydraulic systems.

TECHNICAL SPECIFICATION

10) ENGINE UNIT

EU = Europe / US = United States
REM = ROW - Rest of World (except China and India)

Legend:
(a) = actual; (s) = standard; (o) = optional

- Model	31 ENU 330-00-H	
- Diesel engine type	a) CUMMINS F3.8 (EU + US) - (s) b) CUMMINS F3.8 (EU + US) - (o) c) CATERPILLAR 4.4 (EU) - (a); (REM) - (s)	p/n P000132 p/n P000133 p/n 103534
- Emission control	a) Tier 4f; EU STAGE IV / REM STAGE IIIA; DOC; DPF b) Tier 4f; EU STAGE V; DOC; SCR; DPF c) Tier 3; EU STAGE IIIA; DOC	
- Power acc. to ISO 14396	a) 55 kW @ 1.500 R.P.M. b) 79 kW @ 1.500 R.P.M.; 88 kW @ 1.800 R.P.M. c) 85 kW@1.500 R.P.M.; 98 kW@1.800 R.P.M.	(74,8 hp) (107 / 120 hp) (116 / 133 hp)
- Max. torque	a) 400 Nm / 1.300 R.P.M. b) 500 Nm / 1.500 R.P.M. c) 546 Nm / 1.500 R.P.M.	(295 lb ft) (369 lb ft) (402 lb ft)
- Engine speed	1.800 R.P.M. Low engine speed for low fuel consumption	
- Bore/ Stroke	a + b) 102 / 115 mm; c) 105 / 127 mm	
- Displacement	a + b) 3.800 cm ³ ; c) 4.400 cm ³	(232 – 269 cuin)
- Voltage	24 V (for improved cold start properties)	
- Battery	2 pcs. 110 Ah-770 A	
- Electrical starter	4,5 kW; 24 V	
- Alternator	24 V; 65 A	
- Engine Operation	4-stroke Diesel direct injection turbo-charged	
- Cooling	water-cooled	
- Pushing Fan	550 diameter	
- Air Cleaner	dry type air-cleaner with syclone pre- cleaner primary and safety elements	
- Fuel tank	215 litres	(57 gal)
- Fuel pre-filter	with water separator	
- Fuel code	according to EN 590	



ATTENTION

*Engine warranty expires in case non genuine
Keestrack filters are used!*

11) CONTROL

- Type	PLC – IP 67; dust and vibration proof	p/n 103485
- Display	LCD screen 4,3"	
- Operation	Control panel	
- Controller	Wired hand remote controller; or optional Radio remote controller (see option list)	
- Temperature control of hydraulic oil	> 83° C protection; first feeder stops, later engine stops	
- Diesel fuel tank level sensor	First low level warning, then feeder stops, then engine stops	
- Cold start protection	Below 0° C a warm-up is required	
- Speed sensor for screen box	Included	



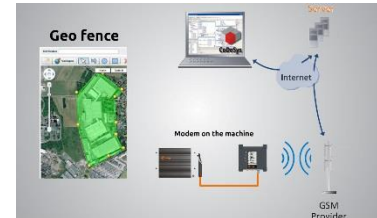
TECHNICAL SPECIFICATION - OPTIONS

12) UMTS MODEM WITH GPS TRACKING SYSTEM "KEESTRACKER" (without SIM card) p/n 102971

- Functions
- WEB portal: position of the machine can be displayed on Google Maps; a geo-fence can be generated.

FOR DEALER ONLY:

- Real time access to Diesel engine, parameters of components and alarms.



TRANSFER MACHINE DATA THROUGH KEESTRACKER

The Buyer will not transfer personal data to KEESTRACK. As part of the service, KEESTRACK will receive the following data regarding the machine through "Keestracker", the tracking and controlling system of the machine in question:

- Location data of the machine
- Machine usage data (such as: performance of the engine and other functions)

The Buyer acknowledges that this information does not constitute confidential business information of the Buyer. The Buyer provides its explicit consent for this data collection and takes appropriate technical and organizational measures to ensure that natural persons cannot be identified by these mechanical data.

The Buyer explicitly acknowledges that this information is provided free of charge to KEESTRACK for the delivery of services offered by KEESTRACK and to adapt or improve its services and/or products.

TECHNICAL SPECIFICATION - OPTIONS

13) RADIO REMOTE CONTROL – Level 2

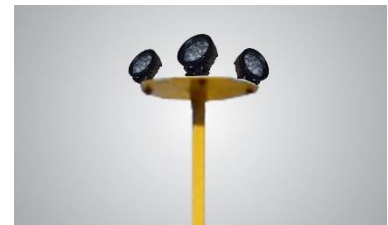
- Order no. Remote 103162
 Sticker 101471
- Functions - Tracks forwards / backwards
 with automatic speed control
 - Tilting grid up / down
 - Belt feeder start / stop and + / -
 - Automatic start / stop
 - RSL start / stop and + / -
 - Machine stop button (blue)
 - Display



14) WORKING LIGHTS p/n 611447 or 701006

- Tower with 4 lamps p/n 701006
 LED lights 12/24 V; 45 W
 each lamp: 9 pcs. LED's (p/n 205147)
 4500 Lumen
- protection degree IP69K
- Weight 9 kg

(20 lb)



15) FUEL FILLING PUMP p/n 701030

- with automatic stop p/n 701030
- Weight 10 kg
- Model F 80-24-1"
- Capacity 80 l/min
- Filter 3 micron with water absorbent media
- Suction hose ¾" 1,5 m long
- Drive On board-electric 24 V DC

(22 lb)



16) ANTI CLOGGING SYSTEM p/n 102382

- Application To be used for bottom deck if the feed material is
 sticky and the deck is clogging
- Weight 30 kg (per deck)

(65 lb)



17) Options MCL and USC

TUNGSTEN SCRAPERS

- Application For wet and sticky material
- Available parts p/n 760002: Tungsten scraper MCL + USC



18) Option to STANDARD HOPPER

- WEAR LINING HOPPER** Wear lining HB 450; s=8 mm
 p/n 662500; + 230 kg

(+ 507 lb)

TECHNICAL SPECIFICATION – SCREEN CHOICE

01) TOP DECK AND BOTTOM DECK

WOVEN WIRE MESH

Spi 1440 + 2360 mm

Spl 1460 mm

p/n	Description
202056	SCR MESH 2 x 2 x 1,25 mm
202568	SCR MESH 3 x 3 x 1,6 mm; stainless
202229	SCR MESH 3 x 3 x 2 mm
202594	SCR MESH 5 x 5 x 2 mm
202571	SCR MESH 5 x 5 x 2 mm; stainless
202230	SCR MESH 6 x 6 x 2 mm
202105	SCR MESH 8 x 8 x 2,5 mm
202106	SCR MESH 10 x 10 x 2,5 mm
202792	SCR MESH 10 x 10 x 2,5 mm; stainless
103331	SCR MESH 11 x 11 x 2,5 mm
202107	SCR MESH 12 x 12 x 2,5 mm
202108	SCR MESH 15 x 15 x 3 mm
202817	SCR MESH 15 x 15 x 3 mm; stainless
202153	SCR MESH 18 x 18 x 4 mm
202109	SCR MESH 20 x 20 x 4 mm
202225	SCR MESH 22 x 22 x 4 mm
202110	SCR BMESH 25 x 25 x 5 mm
202111	SCR MESH 30 x 30 x 5 mm
202155	SCR MESH 35 x 35 x 7 mm
202112	SCR MESH 40 x 40 x 8 mm
202379	SCR MESH 45 x 45 x 8 mm
202113	SCR MESH 50 x 50 x 8 mm
202114	SCR MESH 80 x 80 x 12,5 mm
202255	SCR MESH 55 x 55 x 8 mm
202187	SCR MESH 60 x 60 x 10 mm
202397	SCR MESH 65 x 65 x 9 mm
202398	SCR MESH 70 x 70 x 9 mm
202399	SCR MESH 75 x 75 x 9 mm
202114	SCR MESH 80 x 80 x 12,5 mm
202555	SCR MESH 85 x 85 x 12,5 mm
202597	SCR MESH 90 x 90 x 12,5 mm
202721	SCR MESH 100 x 100 x 10 mm



HARP SCREEN

Advantages:

- high percentage of open screening area
- less danger of clogging

p/n	Description
202843	SCR BD HARP 3 x 200 x 1,6 mm, stainless
202400	SCR BD HARP 4 x 200 x 1,6 mm
202214	SCR BD HARP 5 x 130 x 2 mm
202094	SCR BD HARP 6 x 200 x 2 mm
202092	SCR BD HARP 8 x 130 x 2 mm
202095	SCR BD HARP 8 x 200 x 2 mm
202096	SCR BD HARP 10 x 200 x 2,5 mm
202097	SCR BD HARP 12 x 200 x 3 mm
202098	SCR BD HARP 15 x 200 x 3 mm
202818	SCR BD HARP 15 x 200 x 3 mm, stainless
202135	SCR BD HARP 20 x 200 x 4 mm
202100	SCR BD HARP 25 x 200 x 4 mm
202101	SCR BD HARP 30 x 200 x 5 mm
202102	SCR BD HARP 40 x 200 x 5 mm
202103	SCR BD HARP 50 x 200 x 6 mm
202796	SCR BD HARP-HORIZONT. 8 x 200 x 2 mm
202262	SCR BD HARP-HORIZONT. 10 x 200 x 3 mm
202263	SCR BD HARP-HORIZONT. 12 x 200 x 3 mm
202182	SCR BD HARP-HORIZONT. 15 x 200 x 3 mm

