

Keestrack

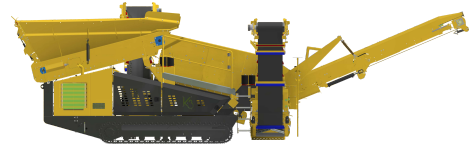


Performance in every detail

K3 SCALPER

| **Belgium** | **Czech** | **China** | **Italy** | **India** | **USA** |

K3 SCALPER



TECHNICAL SPECIFICATIONS

Feed hopper	
Capacity	3,5 m ³
Discharge height	2.410 mm
Plate apron feeder	
Dimension (width x length)	1.000 x 3.150 mm
Feed capacity	Up to 250 t / h
Vibrating screen	
Screen type	Double deck
Dimension (width x length)	1.200 x 2.700 mm
Belt conveyor	
Fine fraction conveyor (width x length)	650 x 8.000 mm (Hydraulically foldable)
Middle fraction conveyor (width x length)	650 x 8.000 mm (Hydraulically foldable)
Coarse conveyor (width x length)	1.000 x 5.000 mm (Hydraulically foldable)

Track-unit	
Dimension (width x length)	400 x 2.965 mm
2 speeds	1,1 / 1,9 km / h
Engine unit	
Power	55,4 kW / 1.800 rpm
Fuel tank	280 l
Hydraulic oil tank	220 l
Control	
Type	PLC - IP67
Display	3,5" LCD
Controller	Remote control

OPTIONS

Magnetic separator	
Magnetic power	400 GAUSS (250 mm distance)
Anti clogging system	
Application	Separation of sticky material
Screen flow brake	
Application	Increase screening efficiency

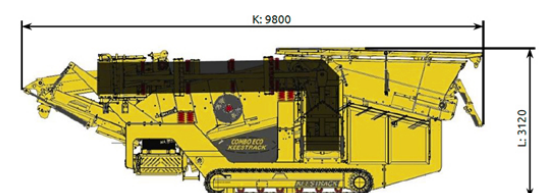
Picking station	
Position	On either side
Radio remote control	
Type	Handheld, multi functions remote control
Working light	
No. of lamps	4 pieces

OPTIONAL MODEL

K3 _e scalper hybrid version
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TRANSPORT DIMENSIONS AND WEIGHT

Length : 9.800 mm
Height : 3.120 mm
Width : 2.550 mm
Weight : 17 t without options



Keestrack

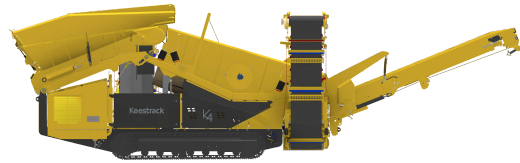


Performance in every detail

K4 SCALPER

| Belgium | Czech | China | Italy | India | USA |

K4 SCALPER



TECHNICAL SPECIFICATIONS

Feed hopper	
Capacity	7 m ³
Discharge height	3.336 mm
Plate apron feeder	
Dimension (width x length)	1.120 x 3.150 mm
Feed capacity	Up to 350 t / h
Vibrating screen	
Screen type	Double deck
Dimension (width x length)	1.500 x 4.200 mm
Belt conveyor	
Fine fraction conveyor (width x length)	900 x 8.350 mm (Hydraulically foldable)
Middle fraction conveyor (width x length)	800 x 8.280 mm (Hydraulically foldable)
Coarse conveyor (width x length)	1.200 x 5.000 mm (Hydraulically foldable)

Track-unit	
Dimension (width x length)	400 x 3.310 mm
2 Speeds	1,3 - 2,2 km / h
Engine unit	
Power	55 kW or 88 kW
Fuel tank	280 l
Hydraulic oil tank	220 l
Control	
Type	PLC - IP67
Display	4,3" LCD
Controller	Remote control

OPTIONS

Anti clogging system	
Application	Separation of sticky material
Screen flow brake	
Application	Increase screening efficiency
Picking station	
Position	On either side

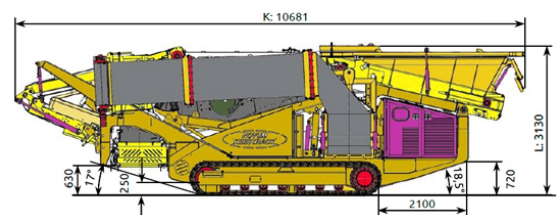
Coarse conveyor (long version)	
Dimension (width x length)	1.200 x 6.800 mm
Radio remote control	
Type	Handheld, multi functions remote control
Working light	
No. of lamps	4 pieces

OPTIONAL MODEL

K4_e scalper hybrid version

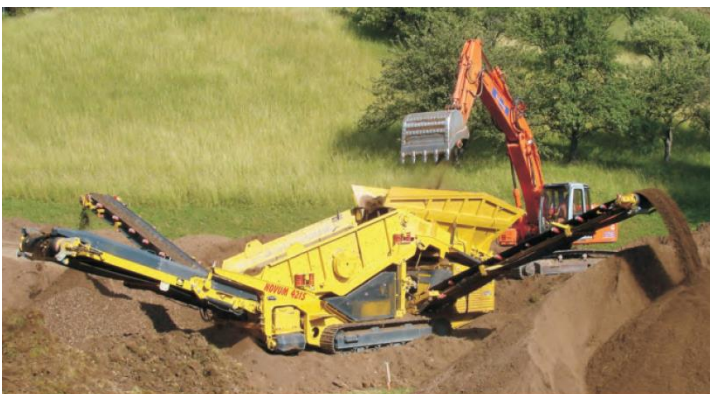
TRANSPORT DIMENSIONS AND WEIGHT

Length : 10.681 mm
 Height : 3.130 mm
 Width : 2.550 mm
 Weight : 26,5 t without options



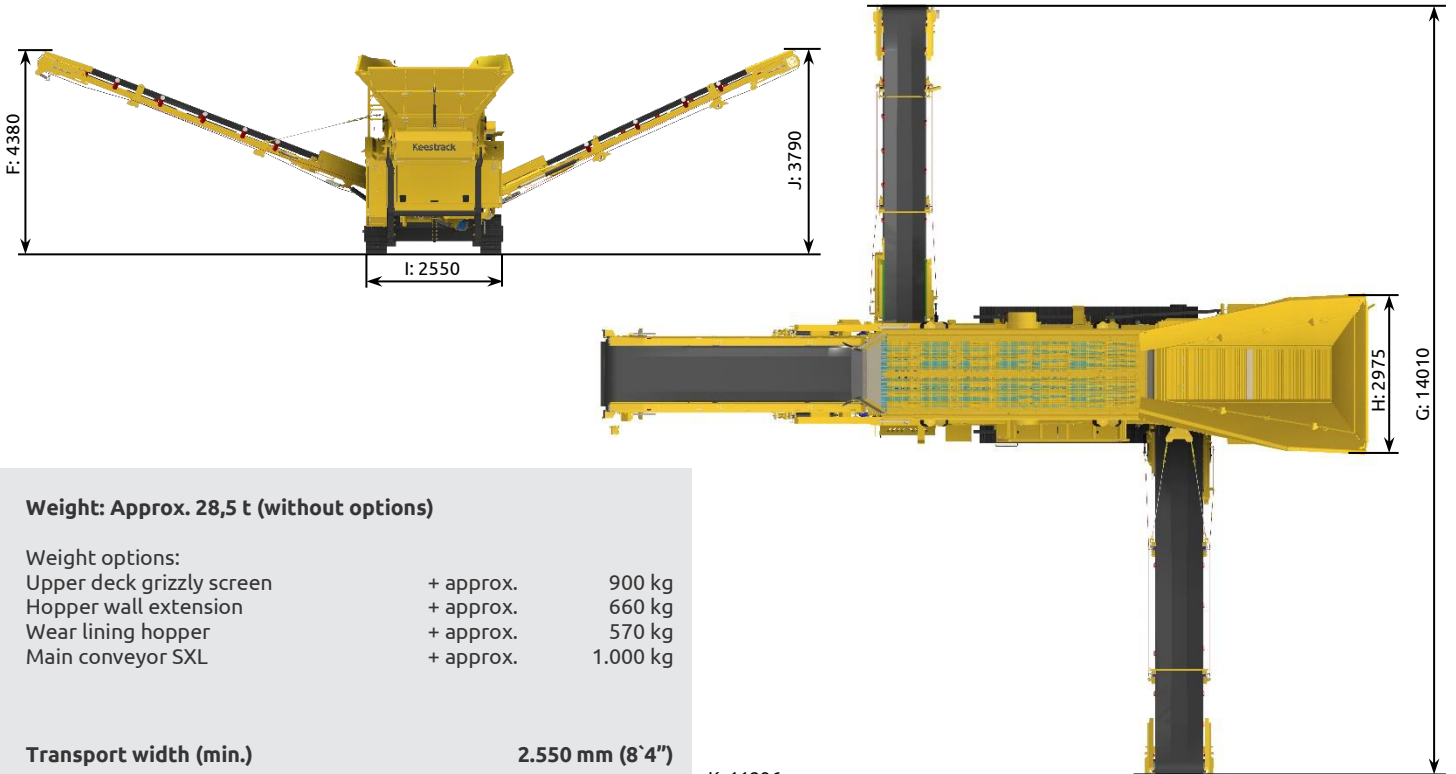
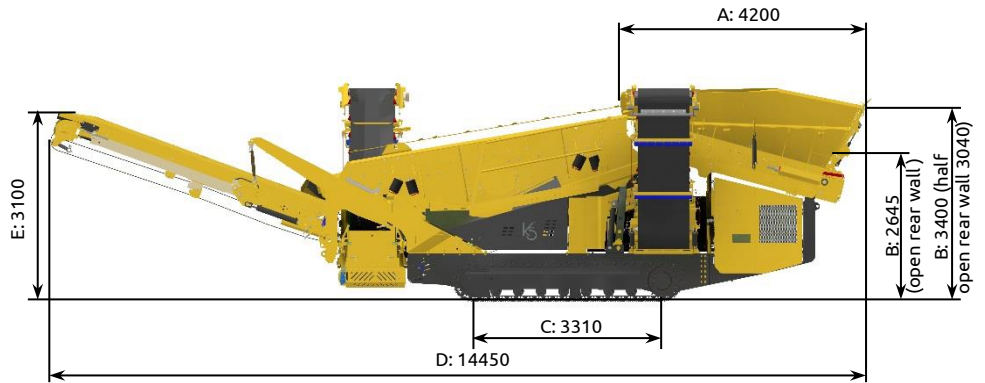
SCALPER K5

3-WAY-SPLIT



DIMENSIONS

OPERATION:

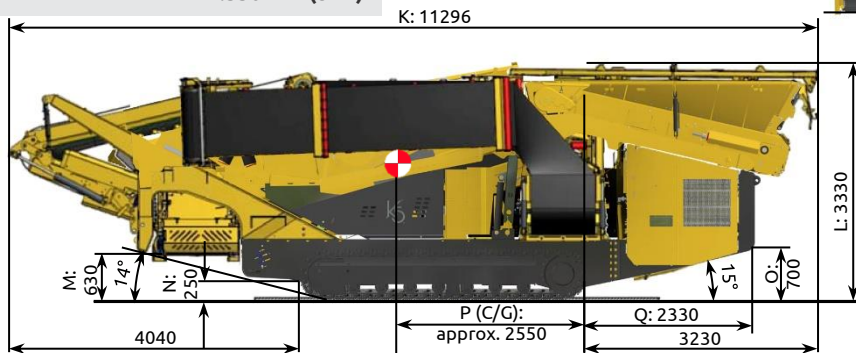


Weight: Approx. 28,5 t (without options)

Weight options:		
Upper deck grizzly screen	+ approx.	900 kg
Hopper wall extension	+ approx.	660 kg
Wear lining hopper	+ approx.	570 kg
Main conveyor SXL	+ approx.	1.000 kg

Transport width (min.) 2.550 mm (8'4")

TRANSPORT:



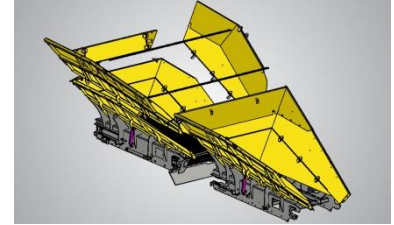
REMARK: All pictures might show options, not included in the scope of supply

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P (C/G)	Q
4200	3400	3310	14450	3100	4380	14010	2975	2550	3790	11296	3330	630	250	700	2550	2330
13'9"	11'2"	10'10"	47'5"	10'2"	14'4"	46'	9'9"	8'3"	12'5"	37'1"	10'11"	2'1"	10"	2'4"	8'4"	7'8"

TECHNICAL SPECIFICATION

1) FEED HOPPER

- Content	7 m ³ with hopper extension p/n 606342: 9,5 m ³	(9,1 yard ³)
- Design	Wear resistant steel HB 450	
- Feeding height	Min. 2.645 mm	(8'8")
- Feeding width	2.975 mm	(9'9")
- Feeding length lateral	4.200 mm	(13'9")
- Hopper walls	All three hopper walls are folding hydraulic	



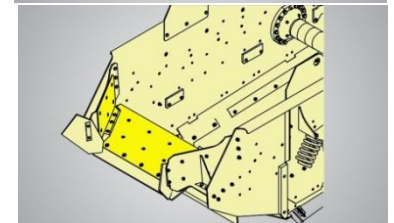
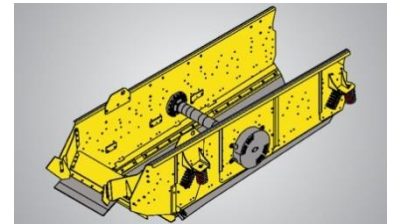
2) PLATE APRON FEEDER

- Model	22 APR 100-00	
- Full adjustable speed	0 - 7,8 m/min	(0 - 20 ft/min)
- Axle distance	3.150 mm	(10'4")
- Plate width	1.120 mm	(3'8")
- Drive	Hydraulic with gearbox 7,5 kW	(10 hp)
- Feed capacity	450 t/h	



3) DOUBLE DECK SCREEN

- Model	22 SCR 100	
- Length x width	5.000 mm x 1.500 mm	(16'5" x 4'11")
- Effective screen area	Top deck 7,5 m ² (L=5 m) Bottom deck 7,08 m ² (L=4,72 m)	
- Top deck screens	3 + ½ pcs. side tensioned	
- Bottom deck screens	2 pcs. end tensioned	
- Drive	Hydraulic 15 kW	(20 hp)
- Inclinations	The screenbox can be set hydraulically to 3 inclinations (12,1°; 14° and 15,5°)	
- Wear plates	On screen oversize discharge chute	



4) UNDERSCREEN CONVEYOR

- Model	22 USC 100-00-H	
- Length	4.200 mm	(13'9")
- Width	1.200 mm	(3'11")
- Drive	7,5 kW hydraulic motor	(11 hp)
- Rubber belt quality	EP 400/3 4+2 Grade N1	



5) OVERSIZE BELT CONVEYOR

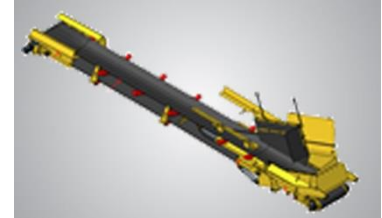
- Model	21 MCL 300-00-H	
- Length	5.000 mm	(16'5")
- Width	1.200 mm	(3'11")
- Drive	Hydraulic 8,3 kW	(11 hp)
- Rubber belt quality	EP 630/4 6+2 Option: p/n 200367 (EP 400/3 4+2 CHEVRON W=740 H=15 mm)	
- Belt speed:	0-0,7 m/s	
- Transport	Hydraulically fold-able	
- Stockpile volume	Approx. 90 t ($\gamma=1,7$; 37° angle of repose)	



TECHNICAL SPECIFICATION

6) STOCKPILE BELT CONVEYOR LEFT (FINE FRACTION)

- Model	22 LSL 100-00-H	
- Length	8.350 mm	(27'5")
- Width	900 mm	(2'11")
- Drive	Hydraulic 11 kW	(15 hp)
- Rubber belt quality	EP 400/3 4+2 Grade Y	
- Transport	Hydraulically fold-able	
- Stockpile volume	Approx. 260 t	
(γ=1,7; 37° angle of repose)		



7) STOCKPILE BELT CONVEYOR RIGHT (MIDDLE FRACTION)

- Model	22 RSL 100-00-H	
- Length	8.280 mm	(27'2")
- Width	800 mm	(2'8")
- Drive	Hydraulic 7,5 kW, speed adjustable	(10 hp)
- Rubber belt quality	EP 400/3 3+1,5 Chevron W=500 H=16 mm	
- Transport	Hydraulically fold-able	
- Stockpile volume	Approx. 170 t	
(γ=1,7; 37° angle of repose)		



8) TRACK - UNIT

- Model	21 TRA-400-00	
- Length	3.310 mm	(11'10")
- Width track shoe	400 mm	(1'4")
- Total width	2.500 mm	(8'2")
- 2 speeds	1,3 km/h and 2,2 km/h	(0,8/1,4 mph)
- Drive	Hydraulic piston motor and planetary gears	



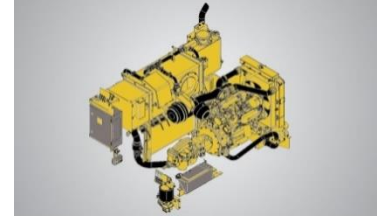
TECHNICAL SPECIFICATION

9) ENGINE UNIT

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

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

- Model	22 ENU 100-00	
- Diesel engine type	a) CATERPILLAR 4.4 (EU) - (a); (REM) - (s) b) DEUTZ TCD 3.6;L4 (US) - (o) c) CUMMINS F3.8 (EU + US) - (s)	p/n 103534 p/n 104164 p/n P000133
- Emission control	a) Tier 3; EU STAGE IIIA; DOC b) Tier 4f; EU STAGE V; DOC; SCR; DPF c) Tier 4f; EU STAGE V; DOC; SCR; DPF	
- Power acc. to ISO 14396	a) 85 kW @ 1.500 R.P.M.; 98 kW @ 1.800 R.P.M. b) 57 kW @ 1.500 R.P.M.; 69 kW @ 1.800 R.P.M. c) 79 kW @ 1.500 R.P.M.; 88 kW @ 1.800 R.P.M.	(116 / 133 hp) (77,5 / 94 hp) (107 / 120 hp)
- Max. torque	a) 546 Nm / 1.500 R.P.M. b) 500 Nm / 1.600 R.P.M. c) 500 Nm / 1.500 R.P.M. 1.800 R.P.M.	(403 lb ft) (369 lb ft) (369 lb ft)
- Engine speed	Low engine speed for low fuel consumption	
- Bore/ Stroke	a) 105 / 127 mm; b) 98 / 120 mm; c) 102 / 115 mm	
- Displacement	a) 4.400 cm ³ ; b) 3.600 cm ³ ; c) 3.800 cm ³	
- Voltage	24 Volt (for improved cold start properties)	
- Battery	2 pcs. 110 Ah, 770 A	
- Electrical starter	24 Volt, 4,5 kW	
- Alternator	24 Volt, 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 cyclone pre- cleaner primary and safety elements	
- Fuel tank	280 litres	(74 gal)
- Fuel pre-filter	with water separator	
- Fuel code	according to EN 590	
- Consumption	b) 210 g/kWh/1600 R.P.M. (typical 9-11 l/h)	



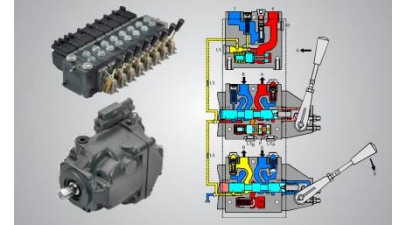
ATTENTION

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

TECHNICAL SPECIFICATION

10) HYDRAULIC

- Hydraulic main pump	Variable flow, swash plate pump load sense open loop circuit 100 ccm	
- Max. flow	180 + 60 + 40 = 280 l/min	(54 gpm)
- Max. pressure	265 + 200 + 180 bar	
- Pump regulation	servo hydraulic load sensing regulation, pressure compensation, flow compensation automatic flow optimizer	
- Hydraulic pump II	Fixed flow 33 ccm gear pump (for LSC)	
- Hydraulic pump III	Fixed flow 22 ccm gear pump (for USC)	
- Hydraulic tank	220 l	(58 gal)
- Hydraulic oil filter	1 full flow filter in return line with integrated fine filter area (10 µm)	(p/n 101187)
- Hydraulic oil cooler	Integrated compact cooler, with water and air cooling package	
- Hydraulic valves	PVG 32 proportional 6 bank valve With high efficient „Load sensing” hydraulic pumps, the fuel consumption is reduced by approx. 20-25%, compared to standard gear pump and flow divider hydraulic systems.	



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) RADIO REMOTE CONTROL – Level 2

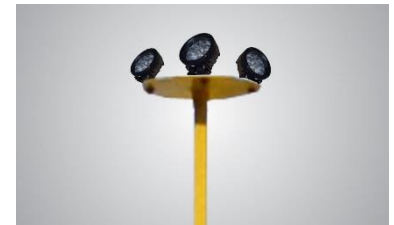
- Order no. Remote 103162
 Sticker 101464

- Functions - Tracks forwards / backwards
 with automatic speed control
 - Main belt conveyor start / stop and +/-
 - Side conveyor MCL start / stop and +/-
 - Apron feeder start / stop and +/-
 - Automatic start / stop
 - Machine stop button (blue)
 - Display



13) WORKING LIGHTS

- 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)



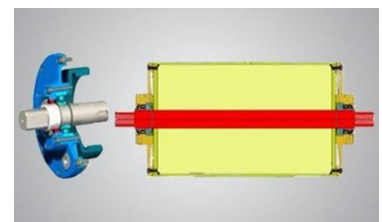
14) FUEL FILLING PUMP p/n 701030

- with automatic stop p/n 701030
- Weight 10 kg (22 lb)
- 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



15) RETURN DRUMS BEARINGS LIFE TIME LUBRICATED p/n 101556

- On conveyors MCL, LSL, RSL; USC
- Description - Bearings maintenance free for the total life time



16) ANTI CLOGGING SYSTEM p/n 102499

- Application To be used for bottom deck if the feed material is
 sticky and the deck is clogging
- Weight 30 kg (65 lb)



TECHNICAL SPECIFICATION - OPTIONS

17) SCREEN FLOW BRAKE p/n 607476

- Application To slow down fast-moving material that is bigger than 200 mm, to allow better screening efficiency
- Weight 136 kg (290 lb)



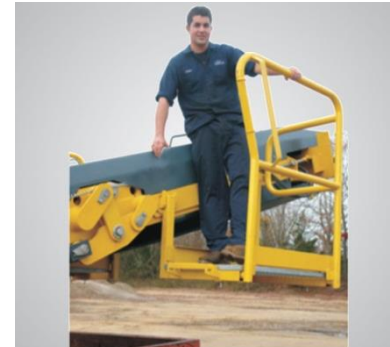
18) FAST TENSIONING SYSTEM FOR SCREENS p/n 701025

- Application For Upper deck
- Function No bolts have to be opened; only wedges are used for screen tensioning
- Weight 14 kg (30 lb)



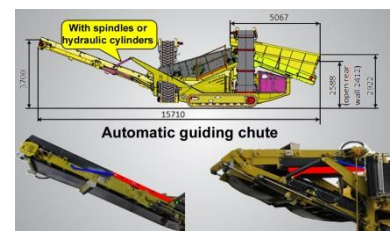
19) PICKING STATION and CHEVRON BELT ON MCL

- Picking station application To take out pieces of wood and plastic from the demolition material
- Available parts
 - p/n 610429: left and right side; 260 kg (570 lb)
 - p/n 610427: right side; 130 kg (285 lb)
 - p/n 610428: left side; 130 kg (285 lb)
 - p/n 615671: preparation for picking station
- Adjustment speed MCL Either on RELYTEC panel or optional radio remote control
- Chevron belt
 - On standard MCL: p/n 602570
 - On SXL MCL: p/n 201632



20) MAIN CONVEYOR 21 MCL SXL-H p/n 693810

- Length 6.800 mm (+ 1.800 mm)
- MCL angle setting
 - With spindles: p/n 693810; (+ 2.100 lb)
 - With hydraulic cylinder: p/n 693810+693803
- Operation without RSC MCL can be slide hydraulically under the screen for stockpiling of middle and coarse fraction
- Guiding chute Automatically folding; no disassembly necessary for transport
- Execution Feeding zone with trampoline for damping of the falling material (extended lifetime of rubber belt); sliding bars
- Transport
 - Length: + 1.785 mm (L: +5'9")
 - Height 3.470 mm (H: 11'5")
- Weight + 1.000 kg (+ 2.200 lb)



TECHNICAL SPECIFICATION - OPTIONS

21) Options LSL and USC

TUNGSTEN SCRAPERS

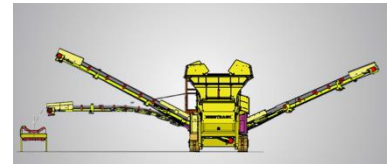
- Application For wet and sticky material
- Available parts
 - p/n 102288: Tungsten scraper LSL + USC
 - p/n 101560: Tungsten scraper LSL
 - p/n 101808: Tungsten scraper USC
 - p/n 200360: CHEVRON belt LSL



22) Options to STANDARD HOPPER

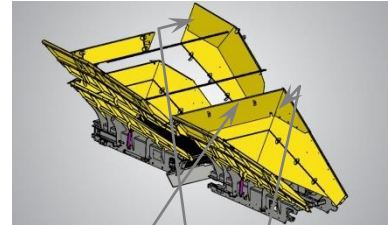
HOPPER EXTENSIONS

- Left side On two sides: H=600 mm; with 2 chains p/n: 615925; approx. + 313 kg (+ 690 lb)
- Right side p/n: 615930; approx. + 313 kg (+ 690 lb)



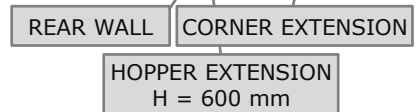
CORNER EXTENSIONS

- Remark: with corner extensions and rear wall, hopper volume is increased to 8 m³
- On the right side: p/n 615955; + 95 kg (+ 200 lb)
- On the left side: p/n 694255; + 95 kg (+ 200 lb)
- Rear wall: p/n 615950; + 240 kg (+ 500 lb)

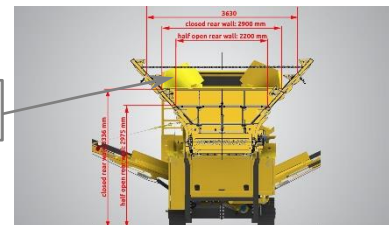


WEAR LINING HOPPER

- Wear lining HB 450; s=8 mm at the bottom p/n 603990; + 280 kg (+ 600 lb)
- Wear lining HB 450; s=8 mm at the top and bottom; p/n 616650; + 600 kg (+ 1.320 lb)



HOPPER EXTENSION
H = 600 mm



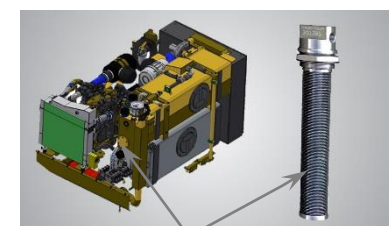
CORNER EXTENSION



23) HEAT PROBE FOR HYDRAULIC OIL p/n 103614

(this option is only available together with the heating system p/n 203460)

- Type HP 2024-ORB; Turbulated Immersion Heat Exchanger
- Description Multiple immersion tank heaters utilize hot coolant to keep bulk fluids warm
- Order information This heating system is available for the diesel tank and the hydraulic oil tank (order each extra!)
- Insert length 610 mm (24")
- Output at -30° C 3 kW (4 hp)



Heat Probe

TECHNICAL SPECIFICATION - OPTIONS

24) Option for ENGINE UNIT p/n 203460

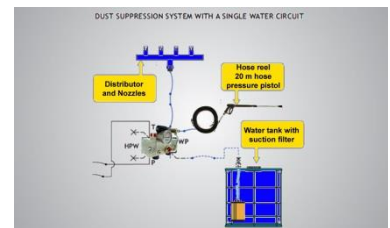
HEATING SYSTEM FOR ENGINE	p/n 203460	
- Heating power	up to 9,1 kW;	(12 hp)
- Fuel consumption	0,19 - 1,1 l/h	
- Voltage / Watt	24V; 37-90 W	
- Operating temperature	-40°C - + 80°C	
- Weight	4,8 kg	(11 lb)
- Additional	Incl. timer for 3 starting times and temperature pre-selection	



HEATING SYSTEM FOR ENGINE

25) DUST SUPPRESSION SYSTEM p/n 611980 (without pump)

- System	p/n X109589 low pressure	
- Spraying area	Main + left + right side conveyor + screen/APR	
- Drive	Hydraulic motor 1,1 kW	(1,5 hp)
- Water consumption	2 m ³ /h	
- Pressure	5 bar	
- Components	4 ball valves (all 4 spraying points can be opened / closed separately); 18 x nozzles 1,12 l/min; filter to customer's tank; hose reel with 20 m hose and pressure pistol	
- Weight	283 kg	(624 lb)



26) CENTRAL GREASING SYSTEM p/n 609687

- Cycle time	Adjustable	
- Drive	On board electric, 24 V DC	
- Weight	6 kg	(13 lb)



TECHNICAL SPECIFICATION - OPTIONS

27) UMTS MODEM WITH GPS TRACKING SYSTEM "KEESTRACKER"

p/n 102971

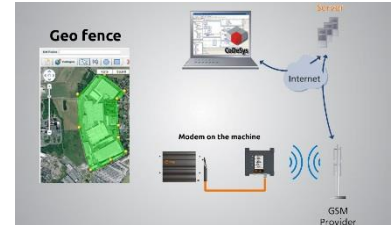
- Functions

- 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.

- SIM Card integrated, for 1 year free of charge



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 – SCREEN CHOICE

01) TOP DECK

PUNCHED PLATES

(feed size up to 600 mm)

Keestrack punched plates are highly abrasion resistant

p/n	Description
619804	TD CUTTED 28 mm HB 450
619807	TD CUTTED 40 mm HB 450
619808	TD CUTTED 45 mm HB 450
619809	TD CUTTED 50 mm HB 450
619810	TD CUTTED 55 mm HB 450
619811	TD CUTTED 60 mm HB 450
619812	TD CUTTED 65 mm HB 450
619813	TD CUTTED 70 mm HB 450
619814	TD CUTTED 75 mm HB 450
619815	TD CUTTED 80 mm HB 450
619817	TD CUTTED 90 mm HB 450
619818	TD CUTTED 100 mm HB 450
619819	TD CUTTED 110 mm HB 450
619821	TD CUTTED 125 mm HB 450
619822	TD CUTTED 130 mm HB 450
619823	TD CUTTED 135 mm HB 450
619824	TD CUTTED 140 mm HB 450
619825	TD CUTTED 150 mm HB 450



WELDED WIRE MESH

p/n	Description (set 3)
619829	TD WELDED 32 x 32 x 10 mm
619831	TD WELDED 40 x 40 x 10 mm
619832	TD WELDED 45 x 45 x 10 mm
619833	TD WELDED 50 x 50 x 10 mm
619835	TD WELDED 55 x 55 x 12 mm
619839	TD WELDED 75 x 75 x 12 mm
619840	TD WELDED 80 x 80 x 12 mm
619844	TD WELDED 100 x 100 x 12 mm



WOVEN WIRE MESH

p/n	Description
619848	TD MESH 10 x 10 x 2,5 mm
619850	TD MESH 16 x 16 x 3 mm
619851	TD MESH 18 x 18 x 4 mm
619852	TD MESH 20 x 20 x 4 mm
619853	TD MESH 25 x 25 x 5 mm
619855	TD MESH 30 x 30 x 5 mm
619856	TD MESH 32 x 32 x 5 mm
619857	TD MESH 35 x 35 x 7 mm
619858	TD MESH 40 x 40 x 7 mm
619859	TD MESH 45 x 45 x 8 mm
619860	TD MESH 50 x 50 x 8 mm
619861	TD MESH 50 x 50 x 10 mm
619862	TD MESH 55 x 55 x 8 mm
619864	TD MESH 60 x 60 x 10 mm
619865	TD MESH 65 x 65 x 10 mm
619866	TD MESH 70 x 70 x 10 mm
619867	TD MESH 75 x 75 x 9 mm
619868	TD MESH 80 x 80 x 10 mm



TECHNICAL SPECIFICATION – SCREEN CHOICE

01) TOP DECK

FINGER SCREENS

Finger dimensions $\varnothing 36 / \varnothing 17 \text{ mm} - 800 \text{ mm}$

REMARK:

Finger openings average [mm]; forged fingers; deviations are possible; measuring of opening is in the beginning of the second third of the length of the finger.

p/n	mm	Inch
617830	45	1 3/4"
617595	60	2,4
617840	75	3"

GAP:

minus 5 mm with every second finger turned by 90°
respectively minus 10 mm with all fingers turned by 90°

GRIZZLY STEP DECK

(it has an opening in the first section of 70 mm and all other sections 100 mm)

p/n	mm	Inch	Weight [kg]
670570	70/100	3"/4"	1.791



TECHNICAL SPECIFICATION – SCREEN CHOICE

02) BOTTOM DECK

FINGER SCREENS

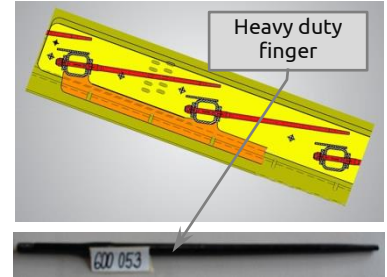
Finger dimensions

REMARK:

Finger openings average [mm]; forged fingers; deviations are possible; measuring of opening is in the beginning of the second third of the length of the finger.

Heavy duty: Steel finger embedded in PU

p/n	mm	Inch	Type
X105355	25	1"	Heavy duty
617950	40	1 3/4"	Heavy duty



WOVEN WIRE MESH

Remark:

Each 2 pcs. of p/nL are required for one set

p/n	Description
202229L	BD MESH 3 x 3 x 2 mm
202230L	BD MESH 6 x 6 x 2 mm
202105L	BD MESH 8 x 8 x 2,5 mm
202106L	BD MESH 10 x 10 x 2,5 mm
202107L	BD MESH 12 x 12 x 3 mm
202108L	BD MESH 15 x 15 x 3 mm
202153L	BD MESH 18 x 18 x 4 mm
202109L	BD MESH 20 x 20 x 4 mm
202225L	BD MESH 22 x 22 x 4 mm
202110L	BD MESH 25 x 25 x 5 mm
202111L	BD MESH 30 x 30 x 5 mm
202518L	BD MESH 32 x 32 x 6 mm
202155L	BD MESH 35 x 35 x 7 mm
202112L	BD MESH 40 x 40 x 8 mm
202379L	BD MESH 45 x 45 x 8 mm
202113L	BD MESH 50 x 50 x 8 mm
202255L	BD MESH 55 x 55 x 8 mm
202187L	BD MESH 60 x 60 x 10 mm
202397L	BD MESH 65 x 65 x 9 mm
202398L	BD MESH 70 x 70 x 9 mm
202399L	BD MESH 75 x 75 x 9 mm



ELONGATED HARP SCREEN

Advantages:

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

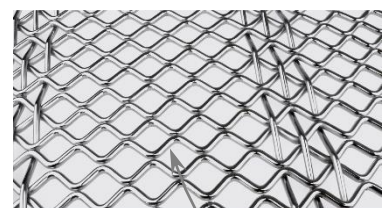
Remark:

Each 2 pcs. of p/nL are required for one set

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



SERPA DIAMOND



SERPA = DIAMOND

Keestrack



Performance in every detail

K6 SCALPER

| **Belgium** | **Czech** | **China** | **Italy** | **India** | **USA** |

K6 SCALPER



TECHNICAL SPECIFICATIONS

Feed hopper	
Capacity	8 m ³
Discharge height	3.260 mm
Plate apron feeder	
Dimension (width x length)	1.300 x 3.560 mm
Feed capacity	Up to 600 t / h
Vibrating screen	
Screen type	Double deck
Dimension (width x length)	1.800 x 4.500 mm
Belt conveyor	
Fine fraction conveyor (width x length)	1.000 x 8.650 mm (Hydraulically foldable)
Middle fraction conveyor (width x length)	800 x 8.500 mm (Hydraulically foldable)
Coarse conveyor (width x length)	1.500 x 6.500 mm (Hydraulically foldable)

Track-unit	
Dimension (width x length)	450 x 3.720 mm
2 Speeds	1,1 - 2 km / h
Engine unit	
Power	88 kW / 1.800 rpm
Fuel tank	330 l
Hydraulic oil tank	370 l
Control	
Type	PLC - IP67
Display	4,3" LCD
Controller	Remote control

OPTIONS

Magnetic separator	
Magnetic power	400 GAUSS (300 mm distance)
Anti clogging system	
Application	Separation of sticky material
Screen flow brake	
Application	Increase screening efficiency
Walkway along the screen	
Position	On either side

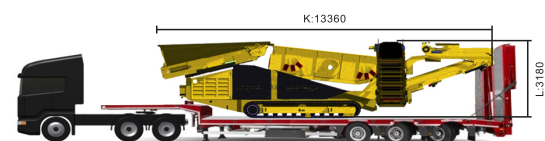
Picking station	
Position	On either side
Coarse conveyor (XXL version)	
Dimension (width x length)	1.500 x 9.063 mm
Radio remote control	
Type	Handheld, multi functions remote control
Working light	
No. of lamps	4 pieces

OPTIONAL MODEL

K6_e scalper hybrid version

TRANSPORT DIMENSIONS AND WEIGHT

Length : 13.360 mm
 Height : 3.180 mm
 Width : 2.720 mm
 Weight : 30 t without options



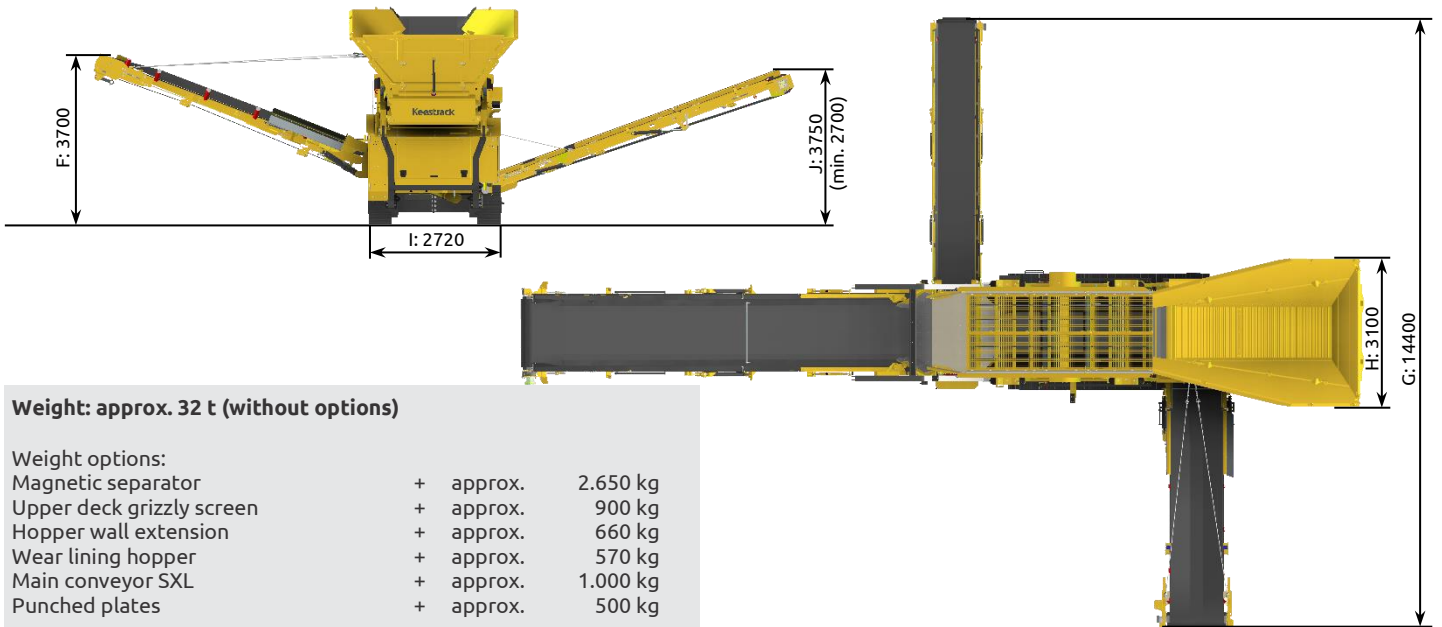
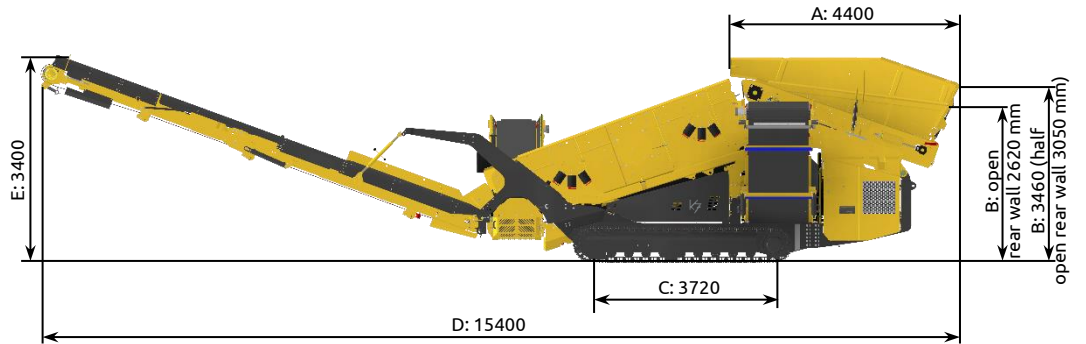
SCALPER

3-WAY-SPLIT



DIMENSIONS

OPERATION:



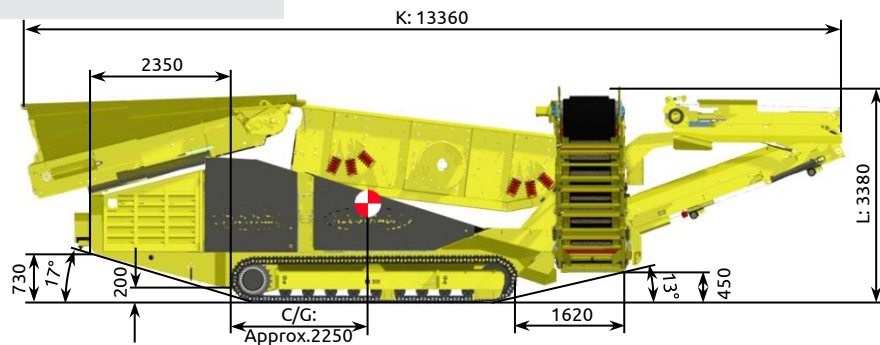
Weight: approx. 32 t (without options)

- Weight options:
- Magnetic separator + approx. 2.650 kg
- Upper deck grizzly screen + approx. 900 kg
- Hopper wall extension + approx. 660 kg
- Wear lining hopper + approx. 570 kg
- Main conveyor SXL + approx. 1.000 kg
- Punched plates + approx. 500 kg

Transport width 2.720 mm (8'10")

TRANSPORT:

C/G = centre of gravity: Approx. 2250 mm acc. to options



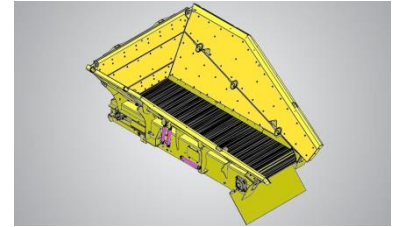
REMARK: All pictures might show options, not included in the scope of supply

A	B	C	D	E	F	G	H	I	J	K	L
4400	3460	3720	15400	3400	3700	14400	3100	2750	3750	13360	3380
14'5"	11'4"	12'2"	50'6"	11'2"	12'2"	47'3"	10'2"	8'10"	12'3"	43'10"	11'1"

TECHNICAL SPECIFICATION

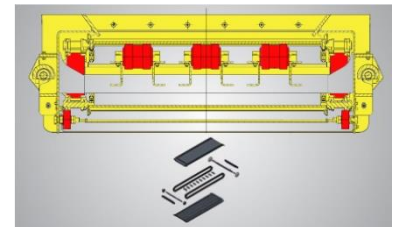
1) FEED HOPPER HEAVY DUTY

- Content	8 m ³ ; with hopper extension p/n 613060: 10 m ³	(10 yard ³)
- Design	Wear resistant steel HB 450 s = 15 mm to handle feed size up to 1.000 mm	
- Feeding height	min. 2.620 mm	(8'7")
- Feeding width	3.100 mm	(10'2")
- Feeding length lateral	4.400 mm	(14'5")
- Hopper walls	All three hopper walls are hydraulically fold-able	



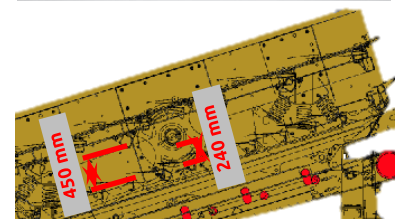
2) PLATE APRON FEEDER HEAVY DUTY

- Model	01 APR 300 K14; 6 support rails instead of 4	
- Full adjustable speed	0 - 8 m/min	(0 - 26 ft/min)
- Axle distance	3.560 mm	(11'8")
- Plate width	1.300 mm	(4'3")
- Drive	Hydraulic motor with gearbox 11 kW; i=38,7	(15 hp)
- Feed capacity	1.000 t/h	



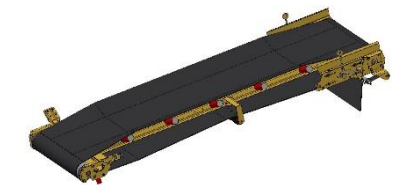
3) DOUBLE DECK SCREEN

- Model	11 SCR 100-00	
- Application	- For screening of fractions on the upper deck > 100 mm (max. 180 mm grizzly opening gives final product screening ca. 300 mm) - Increased space between the decks and middle fraction (450 instead of 390 mm) - Clearance below shaft: 240 mm (std. 180)	
	4.500 mm x 1.800 mm	(14'9" x 5'11")
- Length x width	Top deck 8,1 m ²	
- Effective screen area	Bottom deck 8,1 m ²	
- Top deck screens	3 pcs. side tensioned	
- Bottom deck screens	2 pcs. end tensioned	
- Drive	Hydraulic motor 22 kW	(30 hp)



4) UNDERSCREEN CONVEYOR

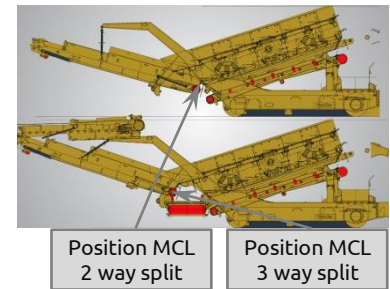
- Model	01 USC 400-00-H	
- Length	4.200 mm	(13'9")
- Width	1.200 mm	(3'11")
- Drive	7,5 kW hydraulic motor	(11 hp)
- Rubber belt quality	EP 400/3 4+2 Grade N1	



TECHNICAL SPECIFICATION

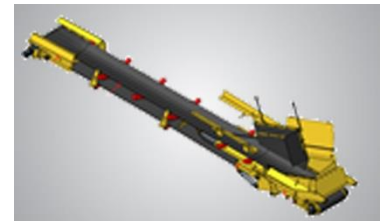
5) OVERSIZE BELT CONVEYOR

- Model	11 MCL-100-00-SXL-H	
- Length	9.063 mm	(29'9")
- Width	1.500 mm	(4'11")
- Drive	Hydraulic motor with planetary gear 15 kW	(20 hp)
- Belt speed	0-0,45 m/s	
- Drive and return drum	maintenance free; with bearings, arranged inside	
- Rubber belt quality	EP 800/5 8+2 Grade Y	
- Transport	Hydraulically fold-able	
- Stockpile volume	approx. 235 t ($\gamma=1,7$; 37° angle of repose)	
- Operation without RSL	MCL can be slide hydraulically under the screen for stockpiling of middle and coarse fraction	
- Guiding chute	Automatically folding; no disassembly necessary for transport	
- Execution	Feeding zone with trampoline for damping of the falling material (extended lifetime of rubber belt); sliding bars; rollers	



6) STOCKPILE BELT CONVEYOR LEFT (FINE FRACTION)

- Model	01 LSL 400-02-00-H	
- Length	8.650 mm	(28'4")
- Width	1.000 mm	(3'3")
- Drive	Hydraulic motor 15 kW	(20 hp)
- Belt speed	1,43 m/s	
- Rubber belt quality	EP 400/3 4+2 Grade Y	
- Transport	Hydraulically fold-able	
- Stockpile volume	Approx. 160 t; $\gamma=1,7$; 37° angle of repose	



7) STOCKPILE BELT CONVEYOR RIGHT (MIDDLE FRACTION)

- Model	11 RSL 400-00-H	
- Length	9.500 mm	(27'10")
- Width	1.000 mm	(2'8")
- Drive	Hydraulic motor 11 kW	(15 hp)
- Belt speed	0-1,9 m/s	
- Rubber belt quality	XE 400/3 4+2 Chevron W = 750; H = 32 mm	
- Transport	Hydraulically fold-able	
- Stockpile volume	Approx. 170 t ($\gamma=1,7$; 37° angle of repose)	



8) TRACK - UNIT

- Model	01 TRA-300-00	
- Length	3.720 mm	(12'2")
- Width track shoe	450 mm	(1'6")
- Total width	2.550 mm	(8'4")
- 2 speeds	1,1 km/h and 2 km/h	(0,7 / 1,2 mph)
- Drive	Hydraulic piston motor and planetary gears	



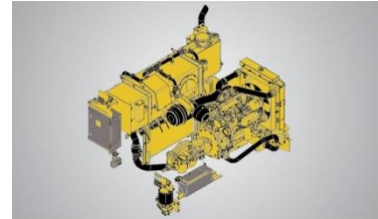
TECHNICAL SPECIFICATION

9) ENGINE UNIT

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

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

- Model	01 ENU 400-00	
- Diesel engine type	a) CUMMINS F3.8 (EU + US) - (s) b) CATERPILLAR 4.4 (EU) - (a); (REM) - (s)	p/n P000133 p/n 103534
- Emission control	a) Tier 4f; EU STAGE V; DOC; SCR; DPF b) Tier 3; EU STAGE IIIA; DOC	
- Power acc. to ISO 14396	a) 79 kW @ 1.500 R.P.M.; 88 kW @ 1.800 R.P.M. b) 85 kW @ 1.500 R.P.M.; 98 kW @ 1.800 R.P.M.	(107 / 120 hp) (115 / 133 hp)
- Max. torque	a) 500 Nm / 1.500 R.P.M. b) 546 Nm / 1.500 R.P.M.	(369 lb ft) (402 lb ft)
- Engine speed	1.800 R.P.M. Low engine speed for low fuel consumption	
- Bore / Stroke	a) 102 / 115 mm; c) 105 / 127 mm	
- Displacement	a) 3.800 cm ³ ; c) 4.400 cm ³	(231 / 269 cuin)
- Voltage	24 Volt (for improved cold start properties)	
- Battery	2 pcs. 110 Ah, 770 A	
- Electrical starter	24 Volt, 4,5 kW	
- Alternator	24 Volt, 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 cyclone pre- cleaner primary and safety elements	
- Fuel tank	280 litres	(74 gal)
- Fuel pre-filter	with water separator	
- Fuel code	according to EN 590	



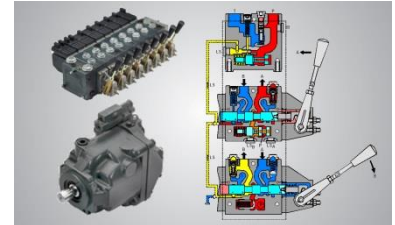
ATTENTION

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

TECHNICAL SPECIFICATION

10) HYDRAULIC

- Hydraulic main pump	Variable flow, swash plate pump load sense open loop circuit 130 cc	
- Max. flow	234 + 68 + 40 = 342 L/min	(90 gpm)
- Max. pressure	265 bar	
- Pump regulation	servo hydraulic load sensing regulation, pressure compensation, flow compensation automatic flow optimizer	
- Hydraulic pump II	Fixed flow 38 ccm gear pump (for LSC)	
- Hydraulic pump III	Fixed flow 22 ccm gear pump (for USC)	
- Hydraulic tank	220 l	(58 gal)
- Hydraulic oil filter	1 full flow filter in return line with integrated fine filter area (10 µm)	(p/n 101187)
- Hydraulic oil cooler	Integrated compact cooler, with water and air cooling package	
- Hydraulic valves	PVG 32 proportional 6 bank valve With high efficient „Load sensing” hydraulic pumps, the fuel consumption is reduced by approx. 20-25%, compared to standard gear pump and flow divider hydraulic systems.	



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	

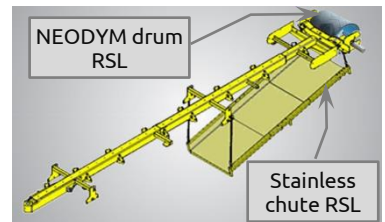


TECHNICAL SPECIFICATION - OPTIONS

12) MAGNETIC SEPARATOR

- a) p/n 679750 - 10 KT-FE
- b) p/n X115492-12 KT-FE
- c) p/n X115499 14 KT-FE
- d) p/n X115501 14 KT-ND

- Type	a) 10 KT-FE; b) 12 KT-FE for LSL and RSL; c) 14 KT-FE for MCL; d) Neodym for MCL	
- Length	a) 1.830 mm; b) 1.980 mm; c) 2.300 mm; d) 2.300	(6'; 6'6"; 7'7")
- Width	a) 700 mm; b) 850 mm; c) 950 mm; d) 950 mm	(2'1"; 2'7"; 2'11")
- Magnetic power	400 GAUSS at: a) 250; b+c) 300 mm dist.	
- Magnet dimensions	a) 1.070 x 600 b) 1.170 x 750 mm; c) 1.490 x 885 mm; d) 1.490 x 885 mm	(3'6" x 1'11") (3'10" x 2'5") (4'10" x 2'10")
- Speed	a) 2,0 m/s; b + c) 2,5 m/s	
- Drive	a) Hydraulic motor 4 kW; b + c) 5,5 kW	(5 hp / 7,5 hp)
- Weight	a) 1.100 b) 1.850 c) 2.400 d) 1200 kg	(2.300 lb) (1.400 lb) (760 lb) (2.600 lb)
- Frame for Magnet MCL	p/n 606316; 660 kg	
- Frame for Magnet RSL	p/n 606388; 363 kg	
- Frame + Magnet LSL	p/n 604330 (10 KT 7); 1.100+133 kg	(2.718 lb)
- Discharge chute MCL	p/n 606405 (incl. hydr. preparation 605000)	
- Magnet drum RSL	p/n 102853; Neodym; 540 GAUSS / 40 mm	
- Discharge chute for magnetic drum RSL	p/n 661692; stainless steel; 112 kg; 3 m; 1000 mm; for transport disassembled	(247 lb)



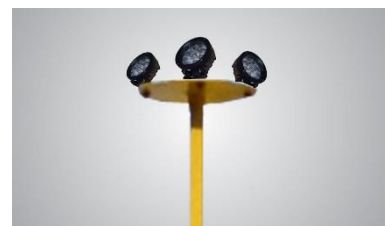
13) RADIO REMOTE CONTROL – Level 2

- Order no.	Remote 103162 Sticker 101464
- Functions	- Tracks forwards / backwards with automatic speed control - Main belt conveyor start / stop and + / - - Side conveyor MCL start / stop and + / - - Apron feeder start / stop and + / - - Automatic start / stop - Machine stop button (blue) - Display



14) WORKING LIGHTS

- 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)



TECHNICAL SPECIFICATION - OPTIONS

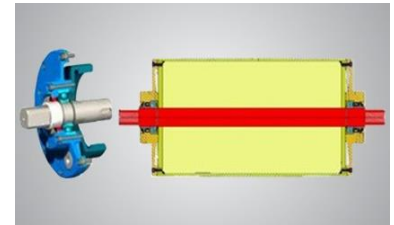
15) FUEL FILLING PUMP p/n 701030

- with automatic stop p/n 701030
- Weight 10 kg (22 lb)
- 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



16) RETURN DRUMS BEARINGS LIFE TIME LUBRICATED p/n 101556

- On conveyors MCL, LSL, RSL; USC
- Description - Bearings maintenance free for the total life time



17) CENTRAL GREASING SYSTEM p/n 609687

- Cycle time Adjustable
- Drive On board electric, 24 V DC
- Weight 6 kg (13 lb)



18) ANTI CLOGGING SYSTEM p/n 102499

- Application To be used for bottom deck if the feed material is sticky and the deck is clogging
- Weight 30 kg (65 lb)



19) SCREEN FLOW BRAKE p/n 611930

- Application To slow down fast-moving material that is bigger than 200 mm, to allow better screening efficiency
- Weight 136 kg (290 lb)



20) FAST TENSIONING SYSTEM FOR SCREENS p/n 701025

- Application For Upper deck
- Function No bolts have to be opened; only wedges are used for screen tensioning
- Weight 14 kg (30 lb)



TECHNICAL SPECIFICATION - OPTIONS

21) WALKWAY ALONG THE SCREEN p/n 603860 and 610426

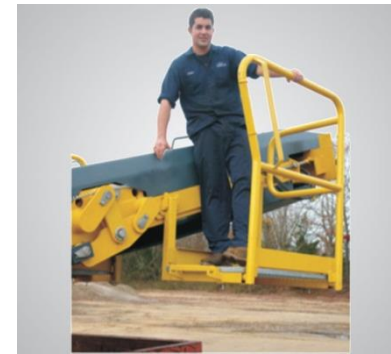
- p/n 603860 On the right side hydraulic foldable
- p/n 610426 On the right side hydraulic foldable and on the left side fix

- Weight p/n 603860: 200 kg (441 lb)
- p/n 610426: 323 kg (712 lb)



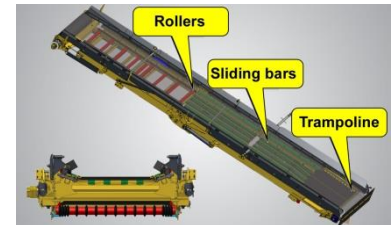
22) PICKING STATION and CHEVRON BELT ON MCL

- Picking station application To take out pieces of wood and plastic from the demolition material
- Available parts p/n 610429: left and right side; 260 kg (570 lb)
- p/n 610427: right side; 130 kg (285 lb)
- p/n 610428: left side; 130 kg (285 lb)
- p/n 615671: preparation for picking station
- Adjustment speed MCL Either on RELYTEC panel or optional radio remote control
- Weight 43 kg
- Chevron belt On standard MCL: p/n 670230
- On XXA MCL: p/n 201549
- Knocking roll For Chevron belt MCL; p/n 693756; 17 kg (35 lb)



23) MAIN CONVEYOR 01 MCL 500-00-XXA p/n 693740

- Length 9.063 mm (+ 2.500 mm) (29'9")
- Discharge height 4.212 mm (13'10")
- Stockpile volume Approx. 235 t ($\gamma=1,7$; 37° angle of repose)
- Operation without RSL Is possible only with MCL 500-00-XXA
MCL can be slide mechanically under the screen for stockpiling of middle and coarse fraction
- Side guiding guard Automatically folding; no disassembly necessary for transport
- Feed end reception area Feeding zone with trampoline for damping of the falling material (extended lifetime of rubber belt); sliding bars; rollers
- Transport Length: + 1.050 mm (L = 3'5")
- Height 3.270 mm (H = 10'9")
- Weight + 800 kg (+1.700 lb)
- Return drum maintenance p/n 693751; with bearings, arranged inside free



TECHNICAL SPECIFICATION - OPTIONS

24) Options LSL, RSL and USC

TUNGSTEN SCRAPERS

- Application For wet and sticky material
- Available parts p/n 102280: Tungsten scraper LSL + USC
p/n 101807: Tungsten scraper LSL
p/n 101561: Tungsten scraper USC

CHEVRON BELT

p/n 698878: CHEVRON belt LSL (left side conveyor)

HEAVY DUTY FEED ZONE

p/n 701002: material on RSL up to 200 mm (rollers wall thickness 6,3 mm instead of 3 mm)

ARCTIC RUBBER BELTS

up to -30° C Interchange ability to the standard conveyor.
p/n 701023 for LSL, USC, MCA standard
p/n 701024 for LSL, USC, MCA XXL

HIGH GUIDING CHUTE RSL

p/n 620200; H=400 mm; weight + 376 kg (+828 lb)

EXECUTION WITHOUT RSL

p/n 701027; Weight: - 1.735 kg (- 3.825 lb)

KIT TO WORK WITHOUT RSL

p/n 613637; Weight 70 kg (+ 154 lb)

(2 way split)

(fast hydraulic connectors, protection covers)

LSL ROPE BRACING

p/n 698800; steel rope 16mm + turnbuckle; +13kg (+29 lb)



25) Options to STANDARD HOPPER

WEAR LINING HOPPER

Wear lining HB 450/500; s=8 mm at the top and bottom; p/n 613114; + 640 kg (+ 1.411 lb)

CORNER EXTENSIONS

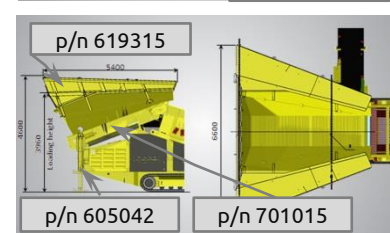
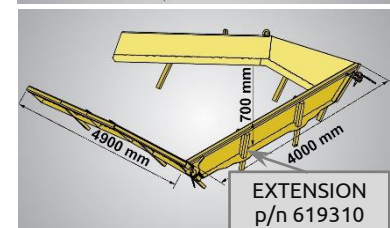
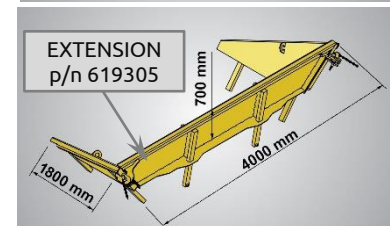
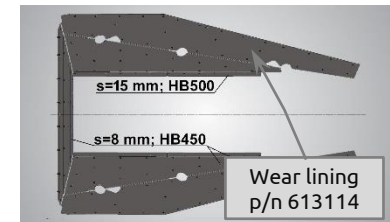
On the right side, left side and rear wall
p/n 619305; + 592 kg (+ 1.305 lb)
Hopper volume: 9 m³

HOPPER EXTENSIONS

- Left + right + rear side + 2 hydr. cylinders
Both sides H=450 mm + rear H=700 mm;
p/n 619310; Approx. + 1.081 kg (+ 2.383 lb)
Instead of 1 cylinder for folding hopper walls
p/n 701015; + 22 kg (50 lb)

EXTENSION XXL

(only in combination with MCA XXL)
Both sides + rear side; with 2 chains
p/n 619315 + 701015 + 605042
Hopper volume: 12 m³; max. feeding load approx. 15 tons or additional hydraulic supporting legs (p/n 605042) of hopper are necessary.
+ 2.176 kg (+ 4.800 lb)



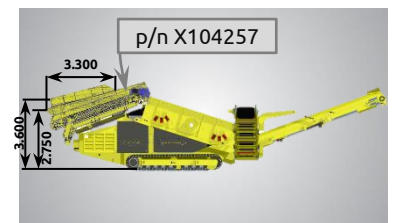
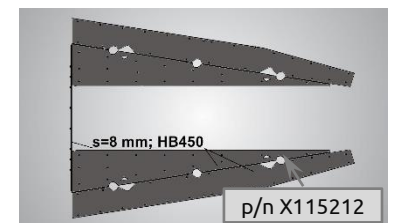
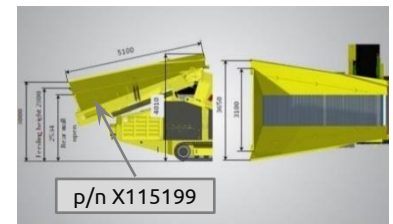
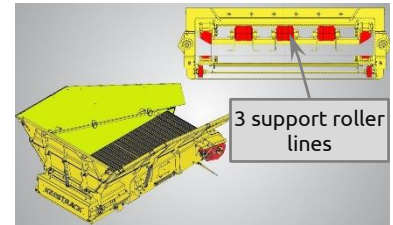
TECHNICAL SPECIFICATION – OPTIONS

25) Options to STANDARD HOPPER

FEED HOPPER s=15 mm 8 m³ with APRON FEEDER heavy duty p/n 611265; to handle feed size up to 1000 mm (3 support roller lines instead of 2)
+ 1.800 kg (+ 3.968 lb)

FEED HOPPER 10 m³ with APRON FEEDER XXL p/n X115199 (+ 2.208 lb)
- Axle distance APR 4.470 mm (+2'4")
- Transport length + 710 mm (+ 1.411 lb)
- Wear lining p/n X115212; bolted; s=8 mm; HB 450;

FEED HOPPER 4 m³ with BELT FEEDER p/n X104257
Feed size up to 400 mm; for installing the machine after a crusher
Belt width BW 1.500 mm
Axle distance AD 4.460 mm
Feeding width 2.830 mm
Feeding length 3.300 mm
Feeding height Hydraulically adaptable 2.750 mm – 3.600 mm
Belt KT Flex 630/1 6+3
Hopper walls mechanically foldable
Drive Hydraulic with gearbox 11 kW; i=38,7 (- 2. 500 lb)
- 1.134 kg



26) LIFTING EYES

For lifting the machine for transport reason p/n 601618

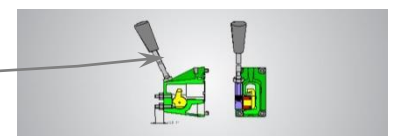


27) Options for HYDRAULIC and CONTROL

HYDRAULIK KIT COAL APPLICATION p/n 689661
LSL: Hydraulic motor MTMC 400 cc and 38 CC PUMP
RSL/MCL: Standard hydraulic motors
USC: Hydraulic motor MTMW 315 cc and 22 cc PUMP
APR: Hydraulic motor MS100 cc and SPOOL65 L/MIN

PVG OPERATION p/n 701014; Hydraulic valves manually operated only

MANUAL PVG OPERATION

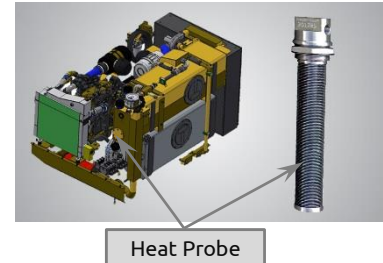


TECHNICAL SPECIFICATION - OPTIONS

28) HEAT PROBE FOR HYDRAULIC OIL p/n 103614

(this option is only available together with the heating system p/n 203460)

- Type	HP 2024-ORB;	
	Turbulated Immersion Heat Exchanger	
- Description	Multiple immersion tank heaters utilize hot coolant to keep bulk fluids warm	
- Order information	This heating system is available for the dieseltank and the hydraulic oil tank (order each extra!)	
- Insert length	610 mm	(24")
- Output at -30° C	3 kW	(4 hp)



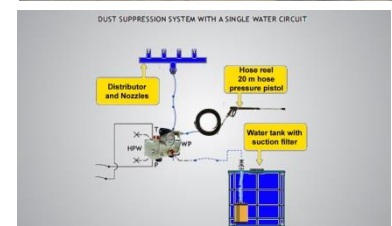
29) Option for ENGINE UNIT p/n 203460

HEATING SYSTEM FOR ENGINE	p/n 203460	
- Heating power	up to 9,1 kW;	(12 hp)
- Fuel consumption	0,19 - 1,1 l/h	
- Voltage / Watt	24V; 37-90 W	
- Operating temperature	-40°C - + 80°C	
- Weight	4,8 kg	(11 lb)
- Additional	Incl. timer for 3 starting times and temperature pre-selection	



30) DUST SUPPRESSION SYSTEM p/n 611980 (without pump)

- System	p/n X109589 low pressure	
- Spraying area	Main + left + right side conveyor + screen/APR	
- Drive	Hydraulic motor 1,1 kW	(1,5 hp)
- Water consumption	2 m³/h	
- Pressure	5 bar	
- Components	4 ball valves (all 4 spraying points can be opened / closed separately); 18 x nozzles 1,12 l/min; filter to customer's tank; hose reel with 20 m hose and pressure pistol	
- Weight	283 kg	(624 lb)



TECHNICAL SPECIFICATION - OPTIONS

31) UMTS MODEM WITH GPS TRACKING SYSTEM "KEESTRACKER"

p/n 102971

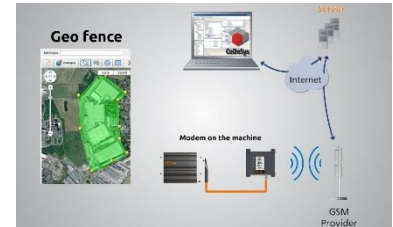
- Functions

- 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.

- SIM Card integrated, for 1 year free of charge



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 – SCREEN CHOICE

01) TOP DECK

PUNCHED PLATES

(feed size up to 600 mm)

Keestrack punched plates are highly abrasion resistant

p/n	mm	Plate s=10 mm
202453	30	TD HB 450
202455	35	TD HB 450
202346	40	TD HB 450
202347	45	TD HB 450
202348	50	TD HB 450
202349	55	TD HB 450
202350	60	TD HB 450
202351	65	TD HB 450
202352	70	TD HB 450
202353	75	TD HB 450
202354	80	TD HB 450
202268	100	TD HB 450
202337	110	TD HB 450
202339	125	TD HB 450
605553	140	TD HB 450
202342	150	TD HB 450
202343	180	TD HB 450
202344	200	TD HB 450



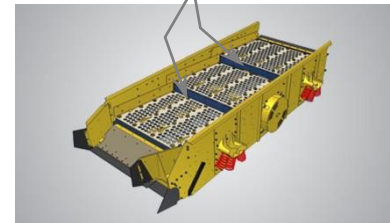
PUNCHED PLATES

STEPDECK

(feed size up to 600 mm)

p/n	mm	Plate s=10 (15) mm
619701P	60-15	TD HB 450
619631P	60-10	TD HB 450
620650P	70	TD HB 450
619702P	80	TD HB 450
619703P	100	TD HB 450
620306P	125	TD HB 450
620940P	150	TD HB 450

Steps 100 mm for turning of the material and better screening



WELDED WIRE MESH

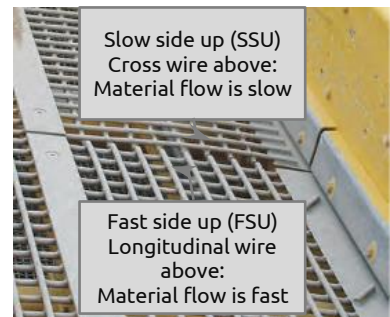
p/n	Description	Remark
202284	40 x 40 x 10 mm	
605076	45 x 45 x 12 mm	
202282	55 x 55 x 12 mm	Fast side up
202087	60 x 60 x 12 mm	

WOVEN WIRE MESH

TOPDECK

p/n	Description
202189	10 x 10 x 2,8 mm
202183	18 x 18 x 4 mm
202200	20 x 20 x 4 mm
202199	25 x 25 x 5 mm
202610	30 x 30 x 6 mm
202217	35 x 35 x 7 mm
202184	40 x 40 x 8mm
202236	45 x 45 x 8 mm
202237	50 x 50 x 8 mm
202239	55 x 55 x 9 mm
202197	60 x 60 x 10 mm
202240	65 x 65 x 10 mm
202238	70 x 70 x 10 mm
202241	75 x 75 x 12,5 mm
202198	80 x 80 x 12,5 mm

Slow side up (SSU)
Cross wire above:
Material flow is slow



Fast side up (FSU)
Longitudinal wire above:
Material flow is fast



EXTRA TOP DECK CASSETTES

p/n	Description
601801	extra screenbox without cassettes
609700	extra screenbox with cassettes for mesh
601802	TD cassette for mesh w/o meshes
601806	TD cassette for fingers with finger 45 mm
601809	TD cassette for fingers with finger 52 mm
601821	TD cassette for fingers with finger 75 mm

TECHNICAL SPECIFICATION – SCREEN CHOICE

01) TOP DECK

FINGER SCREENS

Finger dimensions $\varnothing 36 / \varnothing 17 \text{ mm} - 800 \text{ mm}$ (p/n 101106)

REMARK:

Finger openings average [mm]; forged fingers; deviations are possible; measuring of opening is in the beginning of the second third of the length of the finger.

p/n	mm	Inch
601806	45	1 3/4"
601809	52	2"
601821	75	3"

GAP:

minus 5 mm with every second finger turned by 90°
respectively minus 10 mm with all fingers turned by 90°

GRIZZLY STEP DECK

To be used for feed size bigger than 400 mm and < 1000 mm.

APPLICATIONS:

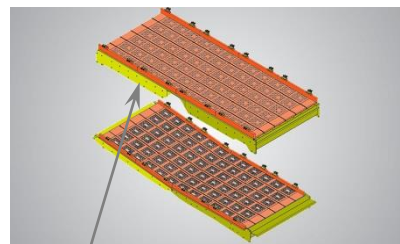
- Scalping of overburden in saleable sizes;
- Rip Rap Rock (armour shorelines)

p/n	mm	Inch	Weight [kg]
601884	55	2"	1953
601885	75	3"	1751
601886	100	4"	1655
601887	125	5 3/8"	1566
617490	180	7"	1800

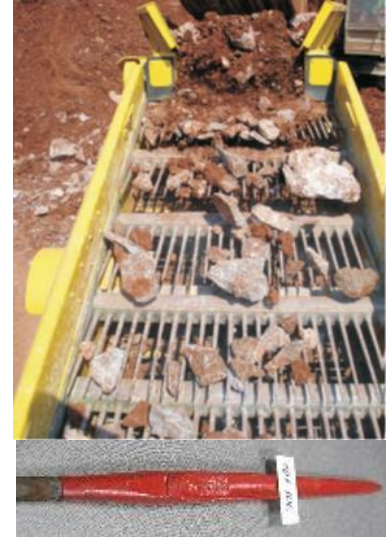
PU - Deck

p/n:

Available meshes have to be confirmed by KT case by case

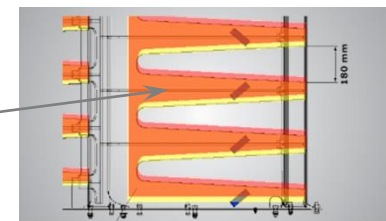


PU Top Deck



Rip Rap rock

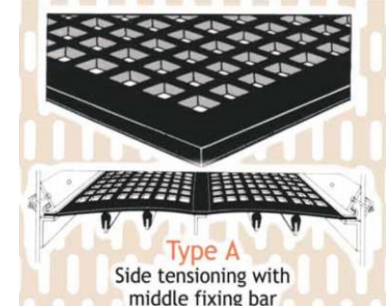
Second Grizzly top plate
For adjusting openings; to be welded to grizzly base plate



RUBBER DECK

- Advantages:
- Long lifetime
 - Low noise
 - Self-cleaning

p/n	mm	Thickness
105098	55	35
105064	60	35
105548	65	35
105065	80	35
105550	120	35



Type A
Side tensioning with middle fixing bar

TECHNICAL SPECIFICATION – SCREEN CHOICE

02) BOTTOM DECK

FINGER SCREENS

Finger dimensions $\varnothing 20 / \varnothing 9$ mm – 570 mm; M 16 (p/n 600053)

REMARK:

Finger openings average [mm]; forged fingers; deviations are possible; measuring of opening is in the beginning of the second third of the length.

WOVEN WIRE MESH

BOTTOM DECK

Polyurethane deck (PU) banana shaped for higher throughput
p/n: 617880

Available meshes have to be confirmed by KT case by case

ELONGATED HARP SCREEN

Advantages:

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

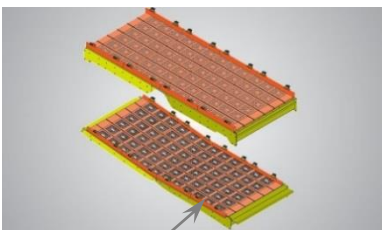
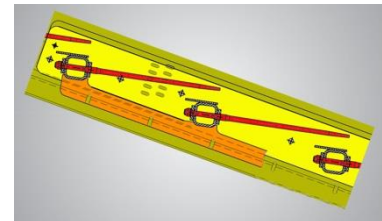
SERPA DIAMOND

S-WAVE WIRE SCREEN MESH

p/n	mm	Inch
601844	25	1"
601841	30	1 1/4"
601835	40	1 1/2"
601855	50	2"

p/n	Description
202401	BD MESH 4 x 4 x 1,5 mm
202334	BD MESH 5 x 5 x 2 mm
202226	BD MESH 6 x 6 x 2 mm
202591	BD MESH 7 x 7 x 2 mm
202044	BD MESH 8 x 8 x 2,5 mm (stainless 202607)
202045	BD MESH 10 x 10 x 2,5 mm
202046	BD MESH 12 x 12 x 3 mm
202648	BD MESH 14 x 14 x 2,5 mm
202047	BD MESH 15 x 15 x 3 mm
202085	BD MESH 16 x 16 x 3 mm
202581	BD MESH 17 x 17 x 3 mm
202205	BD MESH 18 x 18 x 4 mm
202048	BD MESH 20 x 20 x 4 mm
202551	BD MESH 20 x 20 x 5 mm
202220	BD MESH 22 x 22 x 4 mm
202060	BD MESH 24 x 24 x 5 mm
202049	BD MESH 25 x 25 x 5 mm
202203	BD MESH 28 x 28 x 5 mm
202050	BD MESH 30 x 30 x 5 mm
202469	BD MESH 32 x 32 x 6 mm
202204	BD MESH 35 x 35 x 7 mm
202051	BD MESH 40 x 40 x 8 mm
202104	BD MESH 45 x 45 x 8 mm
202052	BD MESH 50 x 50 x 8 mm
202257	BD MESH 55 x 55 x 10 mm
202176	BD MESH 60 x 60 x 10 mm
202394	BD MESH 70 x 70 x 10 mm
202395	BD MESH 75 x 75 x 12,5 mm
202053	BD MESH 80 x 80 x 12,5 mm

p/n	Description
202208	BD HARP 3 x 200 x 1,2 mm
202672	BD HARP 4 x 100 x 2 mm
202031	BD HARP 4 x 200 x 2 mm
202181	BD HARP 5 x 100 x 1,6 mm
202032	BD HARP 5 x 200 x 2 mm
202391	BD HARP 6 x 40 x 2 mm
202426	BD HARP 6 x 150 x 3 mm
202033	BD HARP 6 x 200 x 2 mm
202537	BD HARP 8 x 50 x 2,5 mm
202034	BD HARP 8 x 200 x 2 mm
202416	BD HARP 10 x 50 x 2 mm
202035	BD HARP 10 x 200 x 2,8 mm
202036	BD HARP 12 x 200 x 3 mm
202219	BD HARP 15 x 40 x 2 mm
202613	BD HARP 15 x 150 x 4 mm
202037	BD HARP 15 x 200 x 3 mm
202427	BD HARP 16 x 50 x 3 mm
202099	BD HARP 20 x 200 x 4 mm
202039	BD HARP 25 x 200 x 4 mm
202040	BD HARP 30 x 200 x 5 mm
202041	BD HARP 40 x 200 x 5 mm
202698	BD HARP-SERPA 6x200x2,5 mm
202259	BD HARP-SERPA 12x200x3 mm
202136	BD HARP-SERPA 15x200x3 mm
202834	BD HARP-SERPA 25x200x3 mm
202258	BD S-WAVE 10x200x2,5 mm



PU Bottom Deck – banana shaped



SERPA = DIAMOND



S-WAVE

TECHNICAL SPECIFICATION – SCREEN CHOICE

02) BOTTOM DECK

EXTRA BOTTOM DECK CASSETTES

p/n	Description
601801	extra screenbox without cassettes
609700	extra screenbox with cassettes for mesh
601850	BD cassette for mesh w/o meshes
601844	BD cassette for fingers with finger 25 mm
601841	BD cassette for fingers with finger 30 mm
601835	BD cassette for fingers with finger 40 mm
601855	BD cassette for fingers with finger 50 mm



Applications:

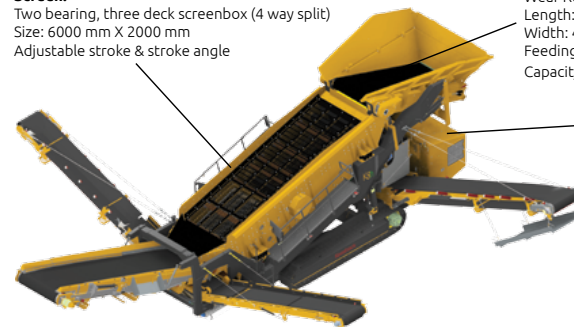
- Fine screening
- Screening of difficult, sticky or wet materials to an infinite variety of sizes
- Recycling
- Compost & peat
- Aggregates
- Wood
- Sand and gravel
- Iron, steel & metal
- Concrete
- Asphalt and others

Features & Benefits:

- 3 side accessibility for Engine maintenance.
- Load Sensing hydraulic system for low fuel consumption.
- Steel plate apron feeder.
- Cassette system for wire mesh replacement.
- Hydraulically liftable option at feeding end for Easy screen maintenance.
- Special Engineered design for uniform screening efficiency across each deck.
- Multiple top deck and bottom deck options to suit most Screening applications.
- All three hopper walls are hydraulically fold-able.
- Keestrack-er telematics-optional.

Screen:

Two bearing, three deck screenbox (4 way split)
Size: 6000 mm X 2000 mm
Adjustable stroke & stroke angle



Hopper:

Wear Resistant Feed Hopper HB450
Length: 4950 mm
Width: 4900 mm
Feeding Height: 3500 mm
Capacity: 10 m³

Power Unit:

CATERPILLAR C4.4; fixed speed,
Emission stage Tier 3; EU STAGE IIIA;
98 kW at 1800 R.P.M
Fuel tank Capacity: 340 L.

	Transport Dimensions	Working Dimensions
Weight	44,5 t (49 sT)	
Length	16.200 mm (53'2")	17.400 mm (57'1")
Height	3.625 mm (11'11")	4.370 mm (14'4")
Width	3.000 mm (8'10")	14.800 mm (48'7")