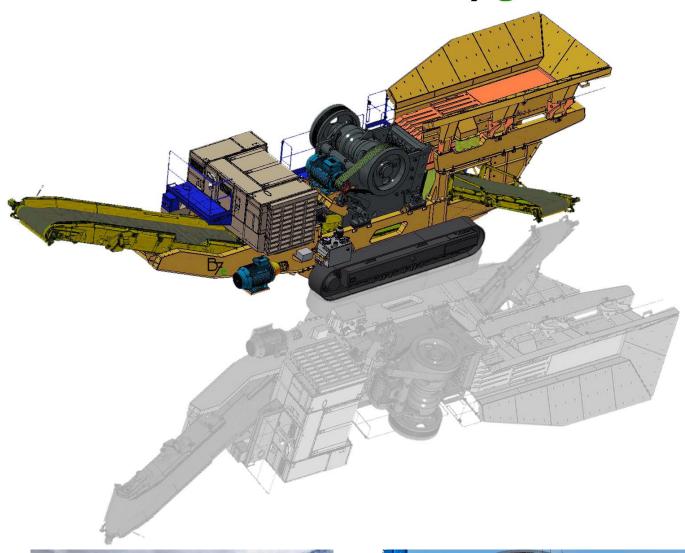




JAW CRUSHER By





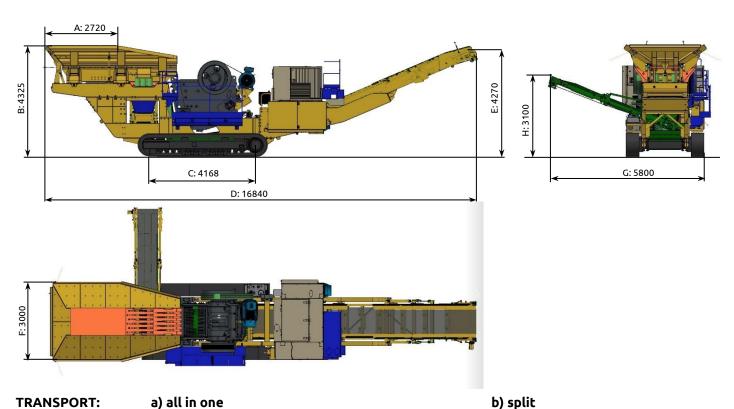






DIMENSIONS

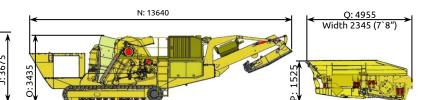
OPERATION:



TRANSPORT:

a) all in one

I: 15131



Weight: Approx. 66 t (without options)

Weight options: 1.140 kg Hopper wear plates Conveyor pre-screening 1.120 kg

Transport width Transport weight feeding unit Transport weight Crusher

3.000 mm (9´10") Арргох. 7.600 kg Арргох. 58.400 kg

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

Α	В	С	D	Е	F	G
2720	4325	4168	16840	4270	3000	5800
8'11"	14'2"	13'8"	55'3"	14'0"	9'10"	19'0"
Н	I	J	N	0	Р	Q
3100	15131	3675	13640	3435	1525	4955
10'2"	49'8"	12′1″	44'9"	11′3″	5'0"	16'3"





TECHNICAL SPECIFICATION

1) FEED HOPPER

- Content	6 m³	(7,8 yard³)
- Design	Wear resistant steel HB 450	
- Feeding height	4.375 mm FP 950: 4.600 mm	(14'4")
- Feeding width	3.000 mm	(9'10")
- Feeding length	3.350 mm	(11'0")
- Hopper walls	Hydraulically fold-able for transport	



2) VIBRATING FEEDER with SCALPER

- Total length	4.500 mm	(14'9")
- Width	1.080 mm	(3'7")
- Length grizzly with step	1.100 + 1.100 = 2.200 mm	(3'7"+3'7"=7'3"
- TD Grizzly bars	Gap standard 40/90 mm;	
- Bottom deck	Wire mesh, end tensioned;	
	L= 1.450 mm; W=870 mm	(4'9"; 2'10")
- Pre-screening chute	Upper part: swivel able with hydraulic cylinder for	
	ease of service	
	Middle part: turn able for bypass or stockpile	
	Lower part: made of rubber	

Hydro motor 10 kW – Tooth belt; Adjustable 700 – 1.000 R.P.M.



(14 hp)

(20 hp)

3) JAW CRUSHER

- Drive

•		
- Model	with hydraulic management (gap adjustment)	
- Feed opening	1200 x 800 mm	(47" x 31,5")
- Outlet adjustment	C.S.S. min max. 75 - 250 mm	(3" - 10")
- Throughput (*)	See page 9	
	the throughput is variable according to feeding	
	material and jaw crusher setting	
- Feed size	0/700 mm	(<28")
- Stroke swing jaw	32 mm	
- Weight of jaw crusher	28 ton	(31 st)
- Plate height fixed jaw	Toothed static jaw 1.700 mm	(5′7")
	Material: 18Mn2Cr	
- Plate height movable jaw	Toothed swing jaw 1.700 mm	(5'7")
	Material: 18Mn2Cr	
- Flywheel diameter	1.300 mm	(4′3″)
4) MAIN BELT CONVEY	OR. for transport hydraulic folding	



4) MAIN BEET CONVET	OK, for crainsport hydrautic rotaling	
- Discharge height	4.270 mm	(14'0")
- Stockpile volume	Approx. 230 t; γ=1,7; 37° angle of repose	
- Length AD	12.300 mm	(40'4")
- Width BW	1.200 mm	(3'11")
- Belt speed	1,56 m/s	
- Belt	RIP STOP EP500/3-5+2; Metal shield in the top	
cover for increased belt service life under hard		
	working conditions	
- Discharge to belt	heavy duty garlands for discharge from crusher to	
	main belt conveyor	
- Inclination	8 - 23°	





Hydraulic 15 kW

- Drive





TECHNICAL SPECIFICATION

5) TRACK - UNIT

- Length	4.168 mm	(13'8")
- Width track shoe	500 mm	(1'8")
- Total width	3.000 mm	(9'10")
- 2 speeds	1,1 km/h and 2 km/h	(0,7 / 1,2 mph)



6) ENGINE UNIT

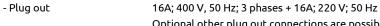
Drive	Diesel / Hydraulic	
- Diesel Motor, Type	a) VOLVO TAD 1351 GE, fixed speed	p/n 101618
	b) VOLVO TAD 1371 VE	p/n 101617
- Emission control	a) Tier 3; EU STAGE IIIA	
	b) Tier 4f; EU STAGE IV; SCR; light EGR	
- Power ISO 14396	a) 279 kW / 1.500 R.P.M.	(379 hp)
	b) 285 kW / 1.500 R.P.M.	(387 hp)
- Max. torque	a) 1.938 Nm at 1.500 R.P.M.	(1.430 lb ft)
	b) 1.965 Nm at 1.200 R.P.M.	(1.450 lb ft)
- Engine operating speed	1.500 R.P.M. for low noise emission	
- Bore hole/stroke	a - b) 131 x 158 mm	(5,2" x 6,2")
- Combustion chamber	a - b) 12.780 cm³	(780 cu in)
- Fuel consumption	197 g/kWh at 1.500; typical 35 - 40 l/h **)	
- Voltage	24 Volt (for improved cold start properties)	
- Cooling	Water cooled	
- Fuel	Tank 580 Litres; fuel code acc. to EN 590	(153 gal)
- Air filter	Cyclone pre filter – dual stage fine filter	
- Drive crusher	Engine \rightarrow Alternator \rightarrow electric motor 132 kW	(180 hp)
	\rightarrow V-belt drive for crusher drive	
- Hydraulic oil tank	120 Litres	(185 gal)
- e Drive	Alternator IP 23; 330 kVA at 50 Hz - 1.500 R.P.M	
- e Drive	Electric motor for hydraulic pump 55 kW	

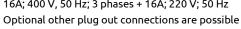


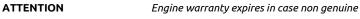


- DROP-OFF UNIT

lower service costs due to less dust emission to filters; lower noise level at the machine; perfect access for maintenance







Keestrack filters are used!

With "Load sensing" hydraulic pumps, the fuel consumption is reduced by Approx. 20-25%, compared to standard gear pump and flow divider hydraulic systems.



DROP-OFF Unit





TECHNICAL SPECIFICATION

7) CONTROL

- Type PLC – IP 67; dust and vibration proof

- Display LCD colour screen 7"- Operation Control panel

- Controller Wired hand remote controller; or optional Radio

remote controller (see option list)

- Level sensor hydraulic Included; with low level protection

- Temperature control of > 83° C protection; first feeder stops, later engine

hydraulic oil stop

- 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 crusher Included - Drive for fan 0,07 kW

POWER SUPPLY

- external plug-in Electric 400 V; 50 Hz; 300 A (ca. 250 kVA)

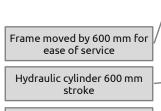


8) FRAME

- Ease of service To obtain good and easy maintenance, the feeding

and scalping unit can be moved hydraulically for

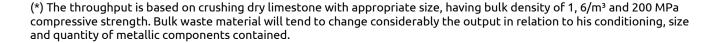
allowing an access opening of 600 mm.



Perfect access to pre-screen and jaw crusher







N.B.: Availability of chosen variants and options must always be checked up

(**) The fuel consumption depends on the feed material, machine setting, condition of wear parts, \dots







TECHNICAL SPECIFICATION - OPTIONS

9) DUST SUPRESSION SYSTEM p/n 166018

- Type CAS 91

- Drive Hydraulic motor 1,1 kW

- Water consumption Max. 0,75 m³/h (1,5 hp)

- Spraying areas Crusher outlet and middle (optional end) of main

conveyor

- Nozzles 5 + 5, Hole 1,1 mm; 1,2 l/min at 3 bar

10) RADIO REMOTE CONTROL – Level 2 (p/n 100370)

- Order no. Remote 103162 Sticker 101473

- Functions

- Tracks forwards / backwards proportional

with automatic speed control
- Belt feeder start / stop and + / - Crusher gap open / close (C.S.S.)
- MCL start / stop and + / - Magnetic separator up / down
- Automatic start / stop

- Machine stop button (blue)- Display Crusher gap, Speed, Feeder, Alarms

11) SIDE BELT CONVEYOR FOR PRE-SCREEN p/n 164021

- Type LSC

 - Length AD
 5.000 mm
 (16´5")

 - Width BW
 800 mm
 (2´8")

 - Discharge height
 3.100 mm
 (10´2")

- Belt speed 1,15 m/s - Inclination 22°

- Drive Hydraulic 5,5 kW (7 hp)

- Stockpile volume Approx. 100 t (y=1,7; 37°)

- For transport Hydraulically fold-able for transport

- Weight 1.120 kg (2.470 lb)

12) FEED HOPPER WITH WEAR PLATES p/n 108013

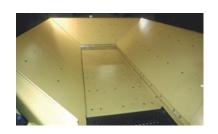
- Wear plates set 12 mm HB 450, welded in the feed hopper

- Weight 1.140 kg (2.500 lb)













TECHNICAL SPECIFICATION - OPTIONS

13) FUEL FILLING PUMP p/n 701030

- Weight 10 kg (22 lb)

- Model F 80-24-1"; with automatic filling stop

- Capacity 80 l/min

- Filter 3 micron with water absorbant media

- Suction hose 3/4" 1,5 m long

- Drive On board-electric 24 V DC



14) CENTRAL GREASING SYSTEM p/n 166017

- Weight 6 kg (13 lb)

- Type Central greasing , 24 Volt DC- Remark with adjustable lubrication intervals



15) MCL KT FLEX BELT p/n 166046

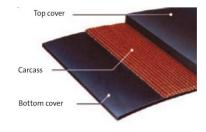
- Type KT-Flex 630/1; GRADE RS

- Advantages - Superior impact resistance comparable to that of

a 4-ply EP belt type 1600/4.

- Superior rip resistance four times greater

superior tear resistance.



16) WORKING LIGHTS

p/n 701006

- Tower with 4 lamps 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)



17) HEATING SYSTEM FOR ENGINE p/n 203460

- Heating power
 - Fuel consumption
 - Voltage / Watt
 - Operating temperature
 - 40°C - + 80°C

- Weight 4,8 kg (+ 11 ll
 - Additional Incl. timer for 3 starting times and temperature

pre-selection







TECHNICAL SPECIFICATION - OPTIONS

18) BELT SCALE

- System Volumetric recording p/n 102869

Calibration Only one time and only takes a few seconds.
 Sensors The Sensor operates without any contact to the

material and therefore has no wear.

It is insensitive against dust and vibrations.

- Belt speed The belt speed is measured using an inductive

switch mounted on the drive drum.

- Data transfer Wireless data transmission via blue tooth to a

handheld PDA with various operation functions:

- client - date/time - operator - location

- material - print options

- connection to lap/desktop using a USB cable Charger unit that allows both 12/24 V charging

Integrated thermal printer Protective carry case

- System Weight recording p/n 101774

- Display Feed capacity summary, daily feed capacity, actual

capacity, belt speed

- Components Roller station for weight take-up

Speed take-up station
Display with electronic unit







19) 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.

- option International ROAMING SIMCARD

1 year limited data volume – p/n 880884

Geo Fence Internet Modern on the marking

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 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

20) SCREENS for TOP DECK of VIBRATINGFEEDER with SCALPER

Grizzly bars

p/n	opening	Hard- ness
802639	40 / 90 mm	HB 450



21) SCREENS for BOTTOM DECK of VIBRATINGFEEDER with SCALPER

Grizzly bars

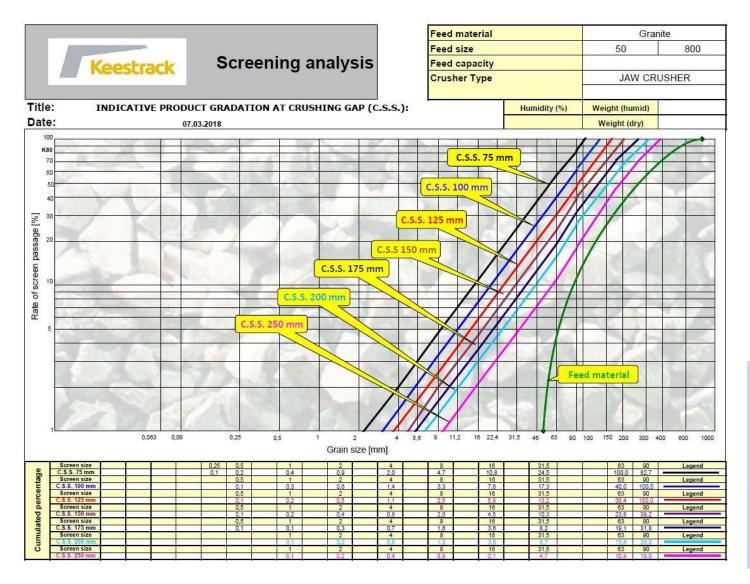
p/n	Dimension	Thickness [mm]	Hard- ness
108007	25 x 25 mm	5	HB 450
108026	35 x 35 mm	7	HB 450







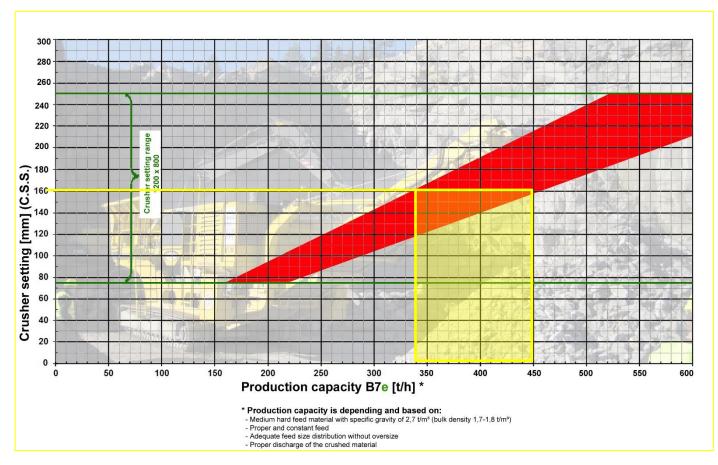
INDICATIVE PRODUCT GRADATION AT CRUSHING GAP (C.S.S.):







INDICATIVE PRODUCTION CAPACITY:



EXAMPLE: Feed material is granite (W_i=16). If the crusher is set to a C.S.S. of 160 mm, the max. production will be between 340 and 450 t/h. Considering the bulk weight of the material of 1,7 t/m³ (see TECHNICAL INFO Page 3), the production capacity will be between 340 / 1,7 = 200 m³/h and 450 / 1,7 = 265 m³/h. For Granite (W_i=16), the production will be in the middle range = approx. 395 t/h.

The actual production depends on the material. If the Work Index W_i (see also TECHNICAL INFO Page 3) is low (10-14), the production will be on the higher range. If W_i is medium (14-18), the production will be in the middle range. If W_i is high (18-22), the production will be in the lower range.

WORK INDEX (Wi)	CRUSHABILITY
<10	very soft
10-14.	soft
14-19	medium
18-22	hard
>22	very hard