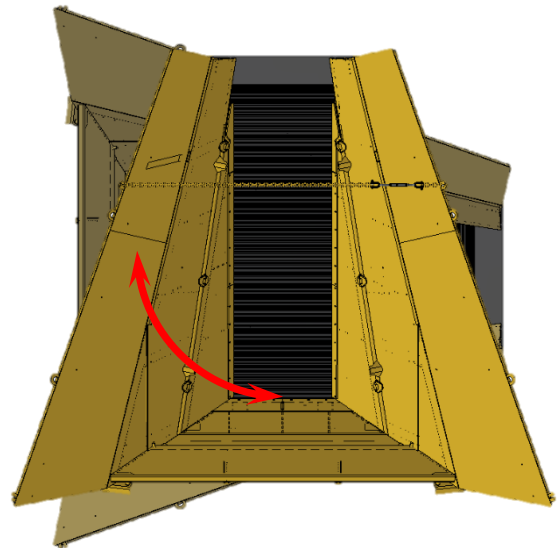
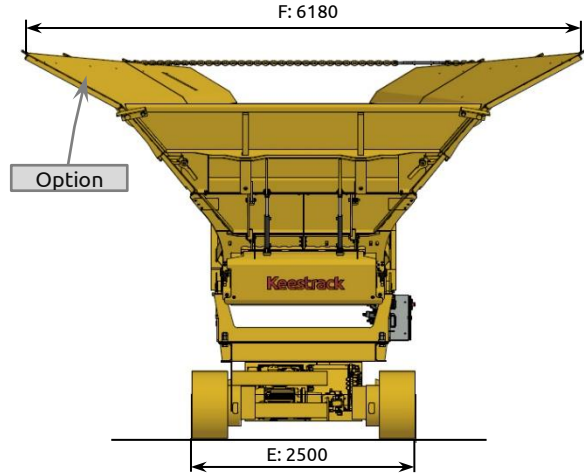
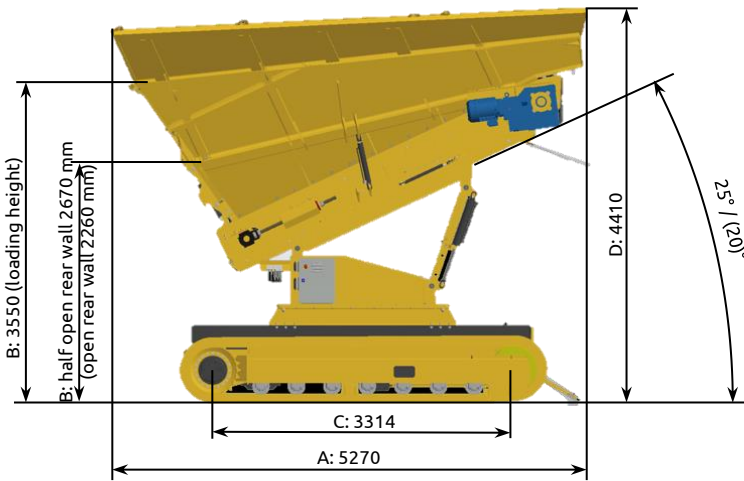


TRP + APRON FEEDER ON TRACKS



DIMENSIONS

OPERATION:

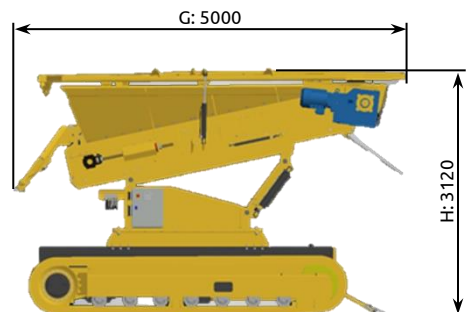


Weight: approx. 13,4 t (without options)

Weight options:
Wear liner + approx. 640 kg

Transport width: 2.550 mm (8'4")
with hopper extension rear wall not disassembled 2.800 mm (9'2")

TRANSPORT:



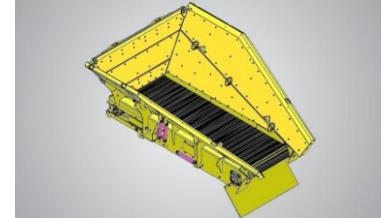
REMARK: All pictures might show options, not included in the scope of supply

A	B	C	D	E	F	G	H
5270	3550	3314	4410	2500	6180	5000	3120
17'4"	11'8"	10'11"	14'6"	8'2"	20'3"	16'5"	10'3"

TECHNICAL SPECIFICATION

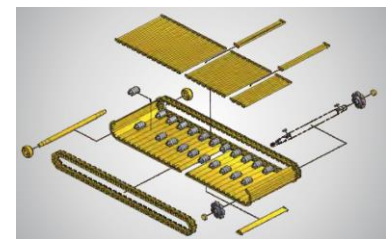
1) FEED HOPPER

- Content	8 m³; (with optional hopper extensions 15 m³)	(10,5 yard³)
- Design	Wear resistant steel HB 450	
- Feeding height	min. 2.260 mm	(7'5")
- Feeding width	6.180 mm	(20'3")
- Feeding length lateral	5.270 mm	(17'3")
- Hopper walls	All three hopper walls are hydraulically fold-able	



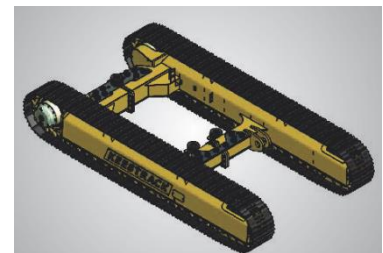
2) PLATE APRON FEEDER

- Model	01 APR 370-00-E	
- Full adjustable speed	with frequency inverter	
	20 - 100 Hz; 3,2 - 16,2 m/min	(10 - 53 ft/min)
- Axle distance	3.560 mm	(11'8")
- Plate width	1.300 mm	(4'3")
- Drive	E-motor 5,5 kW / 50 Hz; 11 kW / 100 Hz;	(7,5 / 15 hp)
	with gearbox 8 R.P.M. / 50 Hz	
- Feed capacity	600 t/h	



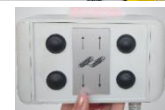
3) TRACK - UNIT

- Length	3.314 mm	(10'11")
- Width track shoe	400 mm	(1'4")
- Total width	2.500 mm	(8'2")
- 2 speeds	1,1 km/h and 2 km/h	(0,7 / 1,2 mph)
- Drive	Hydraulic piston motor and planetary gears	



4) CONTROL

- Type	PLC – IP 67; dust and vibration proof	
- Display	LCD screen 4,3"	
- Operation	Control panel	
- Controller	Cable controller; or optional Radio remote controller (see option list)	
- Temperature control of hydraulic oil	> 83° C protection	
- Frequency inverters	For Apron feeder and E-motor for hydraulic pump to reduce starting current	
- Connection to other machines	Plugs are foreseen to transfer signals to foregoing and following machines to give signal "Ready for operation" and "Stop" in case following machine is not ready for operation.	



TECHNICAL SPECIFICATION

5) DRIVE TRAIN

- Plug In (=power supply) Socket 63 A, 3 phase + N + E (mounted on a short cable for ease of connection), 400 V, 50 Hz
- Hydraulic drive E-motor 22 kW with frequency inverter for hydraulic pump, hydraulic cylinders and crawlers
- Hydraulic pump Variable flow, swash plate pump load sense open loop circuit 65 cc
- Max. flow 97,5 l/min (26 gpm)
- Max. pressure 265 bar
- Pump regulation servo hydraulic load sensing regulation, pressure compensation, flow compensation automatic flow optimizer
- Hydraulic tank 90 l (plastic) (24 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

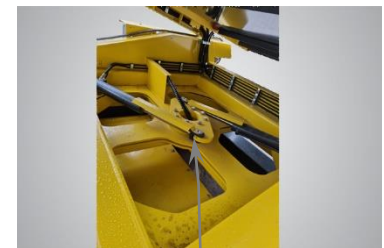
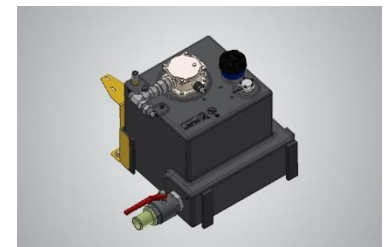
- Swivelling device The hopper can be turned hydraulically by 90 degrees via a slew drive and hydraulic cylinders, so it is possible to use the hopper in line to the tracks or in 90-degree position

- Apron feeder lifting device The apron feeder can be lifted hydraulically from transport position (= 0 degrees) to operation position (= + 20 degrees or + 25 degrees)

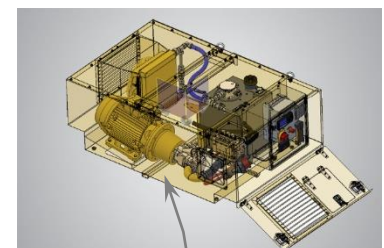


Hydraulic pump with E-motor

63 A; 400 V; 50 Hz; 3 phase Socket for external power supply



Swivelling device



Drive train compartment

TECHNICAL SPECIFICATION - OPTIONS

6) RADIO REMOTE CONTROL 10 F – Level 2

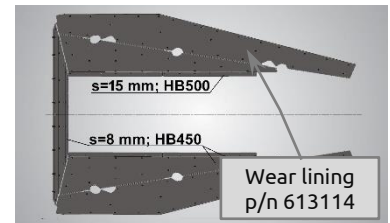
- Order no. Remote 100450, 433 MHz
 Sticker 101464

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

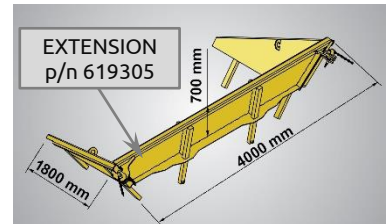


7) Options to STANDARD HOPPER

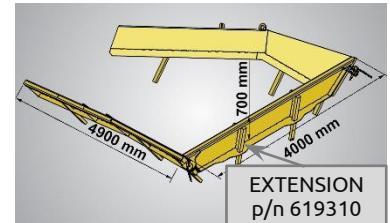
WEAR LINING HOPPER Wear lining HB 450/500; s=8 mm at the top and bottom; p/n 613114; + 640 kg (+ 1.411 lb)



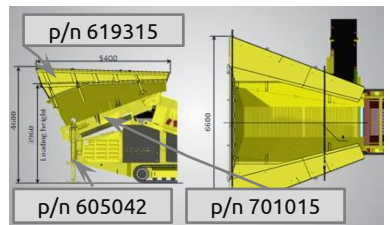
CORNER EXTENSIONS On the right side, left side and rear wall p/n 619305; + 592 kg (+ 1.305 lb)
Hopper volume: 9 m³



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



EXTENSION XXL 15 m³ Both sides + rear side; with 2 chains p/n 619315 + 701015 (+ 4.800 lb)
(only in combination Hopper volume: 15 m³;
with MCA XXL) + 2.176 kg



TECHNICAL SPECIFICATION - OPTIONS

8) VOLUMETRIC BELT SCALE ON APR p/n 102869

- Calibration The calibration of the system is 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 Bluetooth to a handheld PDA with various operation functions:
 - client
 - date / time
 - operator
 - location
 - material
 - print options
 - connection to lap/desktop using a USB cable
- Weight - Charger unit that allows both 12/24 V charging (112 lb)
 - Integrated thermal printer
 - Protective carry case
 + 51 kg

