



STACKER 8-18 S₄

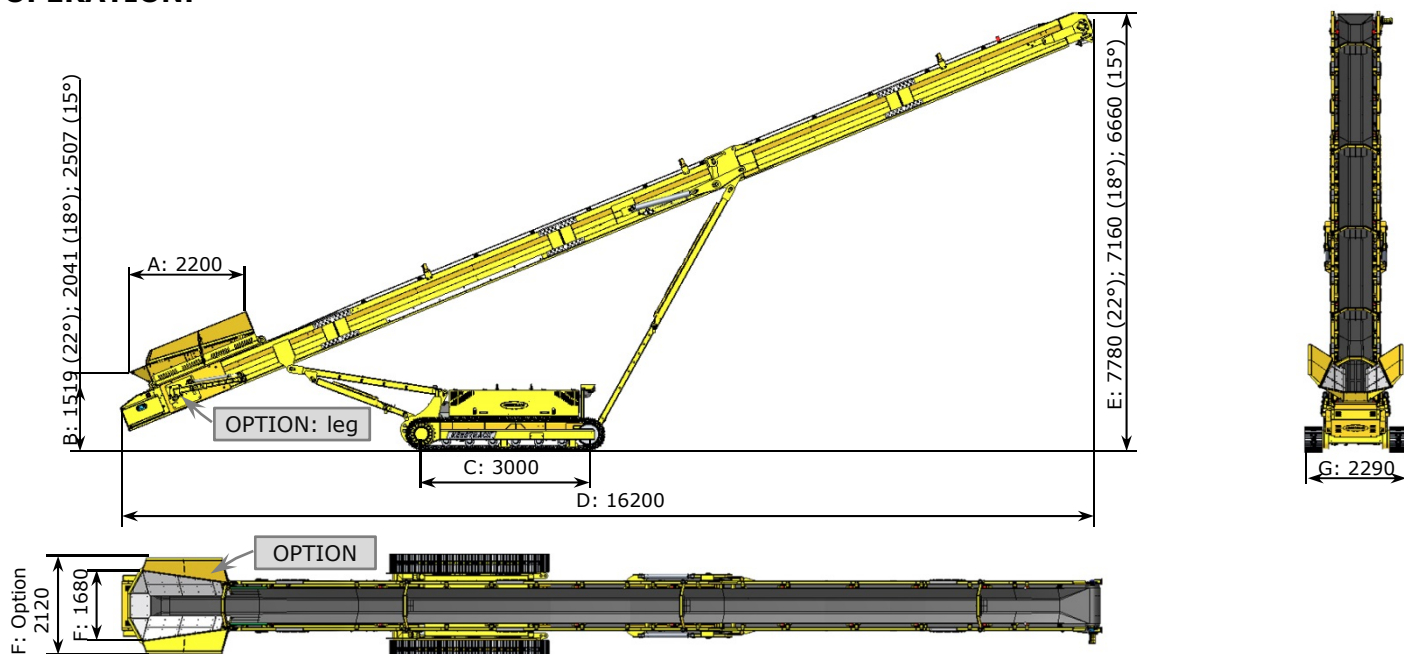


STACKERS



DIMENSIONS

OPERATION:



Weight: approx. 10,3 t (without options)

Weight options:

Wear lining feeding chute

+ approx. 193 kg

Increased feeding chute

+ approx. 200 kg

Hydraulic supporting legs

+ approx. 214 kg

Electric drive

+ approx. 333 kg

Total weight with options

approx. 11,2 t

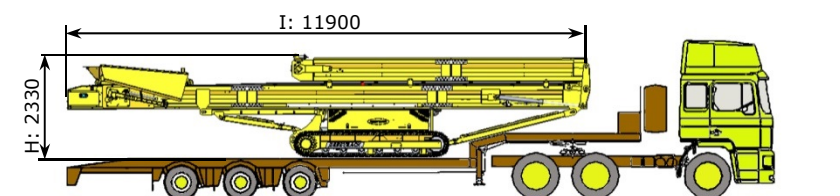
Transport width

2.290 mm (7' 6")

TRANSPORT:

REMARK:

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



A	B	C	D	E	F	G	H	I			
2200	1519	3000	16200	7780	2120	2290	2330	11900			
7'3"	4'11"	9'10"	53'2"	25'6"	6'11"	7'6"	7'8"	39'1"			

TECHNICAL SPECIFICATION

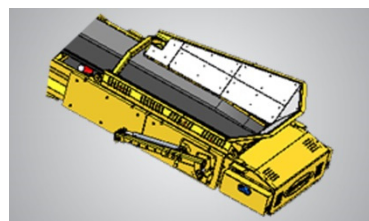
APPLICATION:

Stockpiling of bulk goods (sand and gravel)

- Feed size	0 up to max. 200 mm		
- Feed capacity	up to 250 T.P.H.		
- Stockpile capacity	Depending on the swivelling of the conveyor (estimations: angle of repose 37 °; bulk weight 1,7 kg/dm ³):		
- Possible Inclinations	Swivelling 0 °	Inclination 22°	1.200 tons
	Swivelling 90 °	Inclination 22°	4.400 tons
	Swivelling 180 °	Inclination 22°	7.500 tons
	In steps of approx. 2° from 9° to 22°		

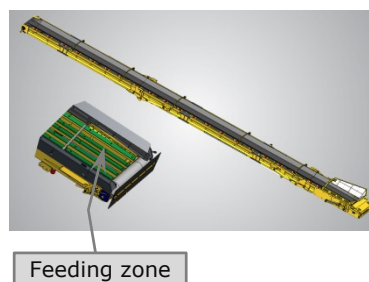
1) FEEDING CHUTE

- Model	06 FEH 000000-000	
- Design	Made of St 520-3	
- Wear plates (Option)	Wear resistant steel HB 450; s=10 mm or rubber	
- Feeding height	1.519 – 2.507 mm;	(4'11"-8'3")
- Feeding length lateral	2.200 mm	(7'3")



2) MAIN BELT CONVEYOR

- Model	06 MCL 000000-000 H	
- Length	18.000 mm	(59'0")
- Width	800 mm	(2'7")
- Capacity	Up to 250 T.P.H.	
- Drive	Hydraulic 22,5 kW	(30,6 hp)
- Belt speed	Adjustable; max. 1,3 m/s	(0-20 ft/s)
- Rubber belt quality	EP 400/3 4+2	
- Troughing	30°; 3 parts	
- Feeding zone	With PU impact bars	
- For transport	2 x hydraulical fold-able	



3) TRACK - UNIT

- Model	04 TRA-100-00	
- Length	3.000 mm	(9'10")
- Width track shoe	400 mm	(1'6")
- Total width	2.290 mm	(7'6")
- Speed	1 km/h	(0,6 mph)
- Drive	Hydraulic motor and planetary gears	

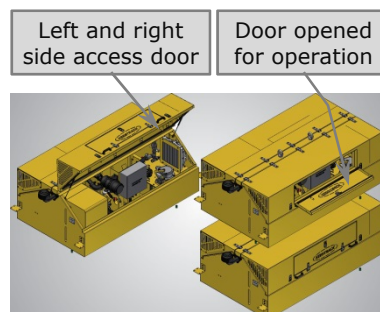


TECHNICAL SPECIFICATION

4) ENGINE UNIT

- Model	04 ENU 000000-000	
- Diesel engine type	DEUTZ TCD 2.9 L4, Fixed speed; 4 cylinder in-line	
- Emission control	Tier 4i; EU STAGE IIIB; DOC Option: DPF (p/n 101323)	
- Power acc. to ISO 14396	55,4 kW at 2.200 R.P.M.	(75 hp)
- Max. torque	300 Nm/1.800 Nm	(221lb ft)
- Engine speed	2.600 R.P.M.	
- Bore/ Stroke	92 / 110 mm	(3,6" × 4,3")
- Displacement	2.920 cm ³	(178 cu in)
- Voltage	24 Volt; for improved cold start properties	
- Battery	110 Ah-850 A	
- Electrical starter	24 Volt; for improved cold start properties	
- Alternator	26 Volt	
- Engine Operation	4-stroke Diesel direct injection	
- Cooling	Water cooled	
- Fuel tank	230 litres	(60 gal)
- Fuel pre-filter	with water separator	
- Fuel code	according to DIN 51601	
- Consumption	225 g/kWh/1.800 rpm; ca. 6 l/h	

Latest
technology

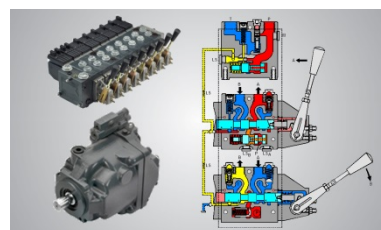


ATTENTION

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

5) HYDRAULIC

Hydraulic main pump	Variable flow, swash plate pump load sense open loop circuit 60 cc	
Max. flow	150 l/min at 2.600 R.P.M.	(39 gpm)
Max. pressure	265 bar	(3.770 psi)
Pump regulation	servo hydraulic load sensing regulation, pressure compensation, flow compensation automatic flow optimizer	
Hydraulic tank	110 l	(34 gal)
Hydraulic oil filter	1 full flow filter in return line with integrated fine filter area (10 µm)	
Hydraulic oil cooler	Compact cooler, consisting of an electrical 12 Volt driven fan	
Hydraulic valves	Danfoss PVG 32 proportional 3 bank valve	
Manual pump	25 ccm	
Hydraulic cylinders	A) folding and B) lifting of the conveyor (min./max. 9/22	



6) CONTROL

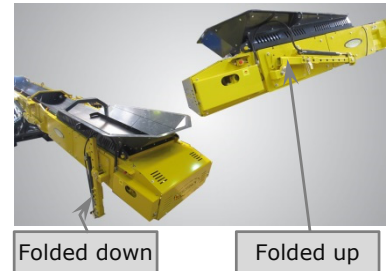
- Operation	Control panel
- Controller	Wired remote controller for tracks



TECHNICAL SPECIFICATION - OPTIONS

7) HYDRAULIC SUPPORTING LEGS p/n 704003

- | | | |
|---------------------|---------------------------|----------|
| - Operation | Hydraulically folded down | |
| - For inclination | 22° | |
| - Length adjustment | Mechanically | |
| - Weight | 214 kg | (450 lb) |



8) RADIO REMOTE CONTROL level 1 p/n 100367

- | | |
|-------------|----------------------------|
| - Functions | - Tracks forward/backward |
| | - Belt feeder Start/Stop |
| | - Automatic Start/Stop |
| | - Blue machine stop button |



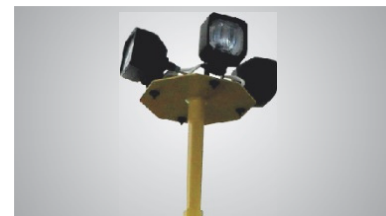
9) RADIO REMOTE CONTROL level 2 p/n 100451

- | | |
|-------------|--|
| - Functions | - Tracks forward/backward proportional |
| | - Belt start / stop and +/- proportional |
| | - Blue machine stop button |
| | - Display |



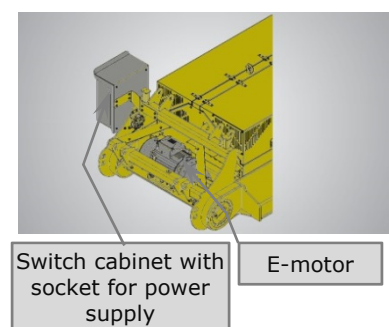
10) WORKING LIGHTS p/n 695970

- | | |
|-----------|--|
| - 4 lamps | Halogen light wideflood 12 V; 55 W (4) |
|-----------|--|



11) ELECTRIC DRIVE p/n 695715 (22 kW); p/n 695725 (30 kW)

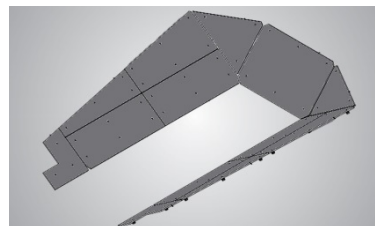
- | | | |
|----------------|---|---------------|
| - Model | 04 ELD 000000-000 | |
| - Drive | Via E-motor 22 or 30 kW (1500 R.P.M.), clutch, gear pump 44 ccm | (30 or 40 hp) |
| - Belt speed | Adjustable via proportional valve | |
| - Power supply | External, 400 V; 3 Phase, 50 Hz; a) 65 A; b) 85 A min. to built-on socket on switch cabinet | |
| - Weight | 333 kg | (700 lb) |



TECHNICAL SPECIFICATION - OPTIONS

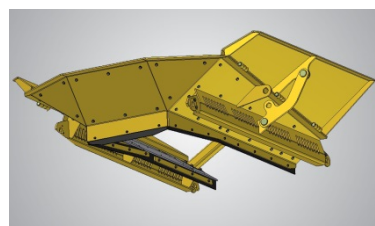
12) WEAR LINING FEEDING CHUTE p/n 695990

- Steel p/n 695990; s = 10 mm; HB 450
- Weight steel 193 kg (400 lb)



13) INCREASED FEEDING CHUTE p/n 695690+695695

- Width 2.320 mm (7'7")
- Sides Left and right side
- Transport Manually foldable
- Weight 200 kg (420 lb)



14) OIL LEVEL SENSOR p/n 105569

- Measuring signals Temperature and level

15) HARD METAL SCRAPER p/n 101807

- Location Drive drum



16) FEEDING HOPPER WITH CONTAINER PLATFORM p/n 617590

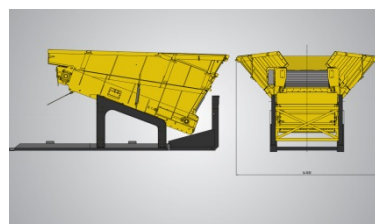
HOPPER

- Volume From FRONTIER 01 incl. corner extensions (11/24 yard³)
9 m³ (with XXL hopper extension p/n 614300: 20 m³)
- Hopper walls Hydraulically foldable
- Feeding height / width 2.790 mm / 4.100 mm (9'2"/13'5")
- Total weight (incl. feeder and substructure) ca. 8.200 kg (17.200 lb)



APRON FEEDER

- Full adjustable speed 0-8 m/min
- Axle distance 3.560 mm (11'8")
- Plate width 1.300 mm (4'3")
- Drive Hydraulic with gearbox 5,5 kW via Stacker (7,5 hp)
(additional PVG bank valve necessary)

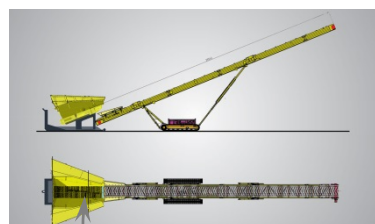


FEED CAPACITY

300 T.P.H.

SUBSTRUCTURE

- Substructure 01 TRP 100-00
- Mobility Container-mobile for hook lift truck (20'3"/8'2"/8'3")
- Transport dimensions L=6.180 mm; W=2.500 mm; H=2.512 mm (4.150 lb)
- Weight 1.970 kg



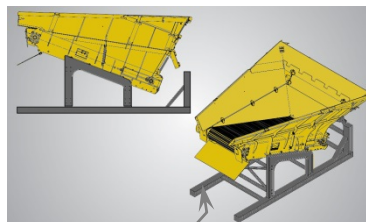
STACKER
with XXL
hopper

TECHNICAL SPECIFICATION - OPTIONS

17) FEEDING HOPPER WITH SUBSTRUCTURE a) p/n 618300; b) 694120

HOPPER

- Volume From FRONTIER 01 incl. corner extensions
9 m³ (with XXL hopper extension (11/24 yard³)
p/n 614300: 20 m³)
- Hopper walls Hydraulically foldable
- Feeding height / width a) 2.770 mm; b) 2.465 mm / W=4.100 mm (9'2"/13'5")
- Total weight (incl. feeder and substructure) a) ca. 8.250 kg; b) ca. 8.000 kg (17.200 lb)



Substructure
04 TRP 100

APRON FEEDER

- Full adjustable speed 0-8 m/min
- Axle distance 3.560 mm (11'8")
- Plate width 1.300 mm (4'3")
- Drive Hydraulic with gearbox 5,5 kW via Stacker (7,5 hp)
(additional PVG bank valve necessary)
- Feed capacity 300 T.P.H.

SUBSTRUCTURE

- Mobility a) 04 TRP 100-00; b) 04 TRP 400-00
a) Semi-mobile
b) Semi mobile for transport with fork lift
- Transport dimensions a) L=4.990; W=2.500; H=2.615 mm (16'5"/8'2"/
b) L=4.990; W=2.500; H=2.310 mm 8'7")
a) 2.020 kg; b) ca. 1770 kg (4.150 lb)



Substructure
04 TRP 400

18) GUARDS FOR RETURN ROLLERS p/n 617230

- Weight 7,4 kg (15 lb)

