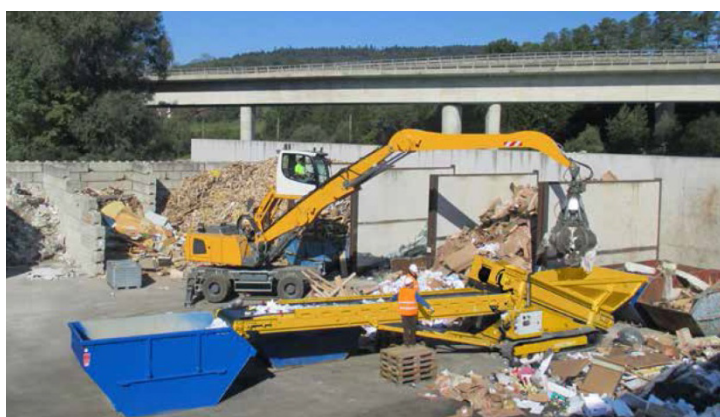
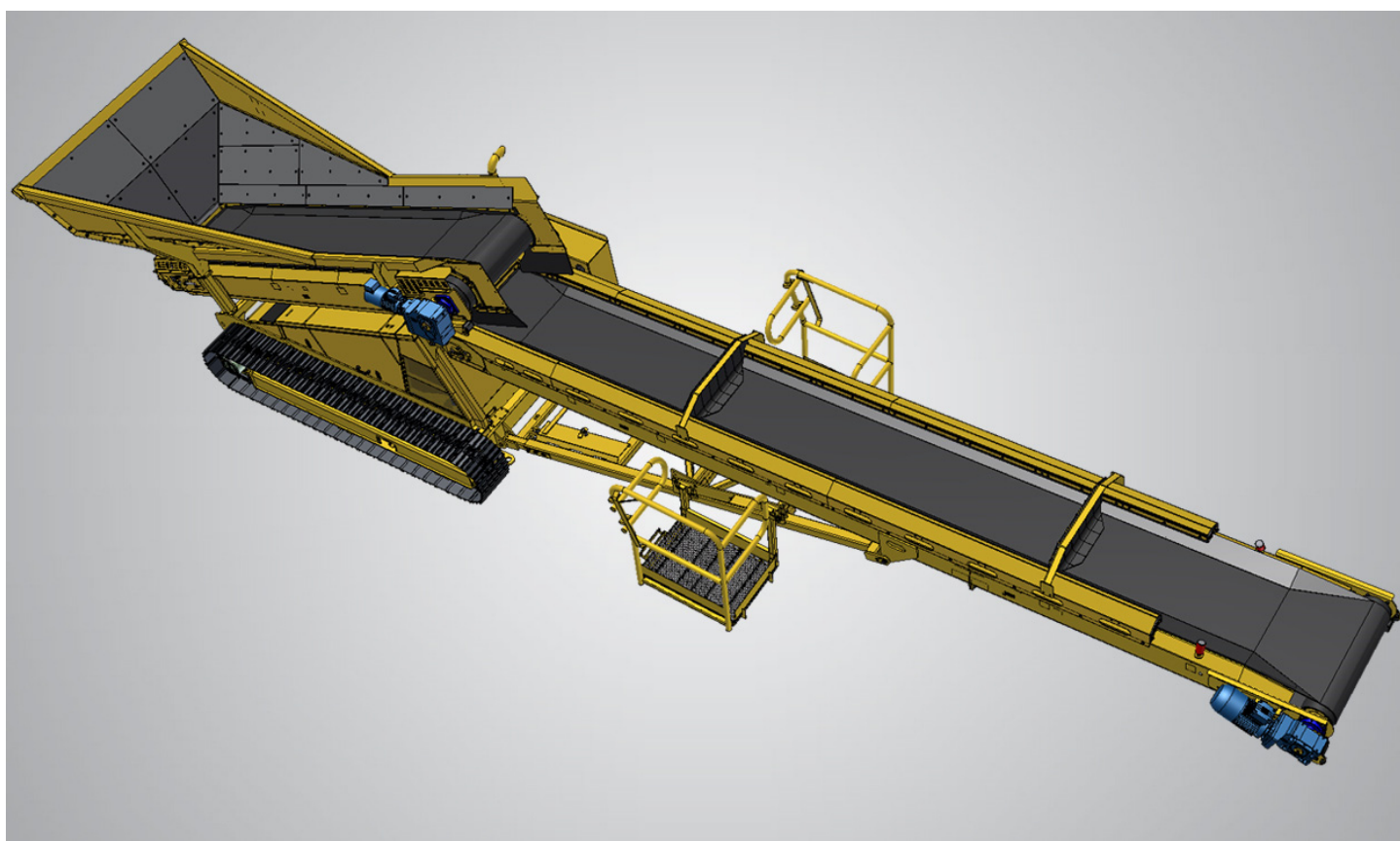




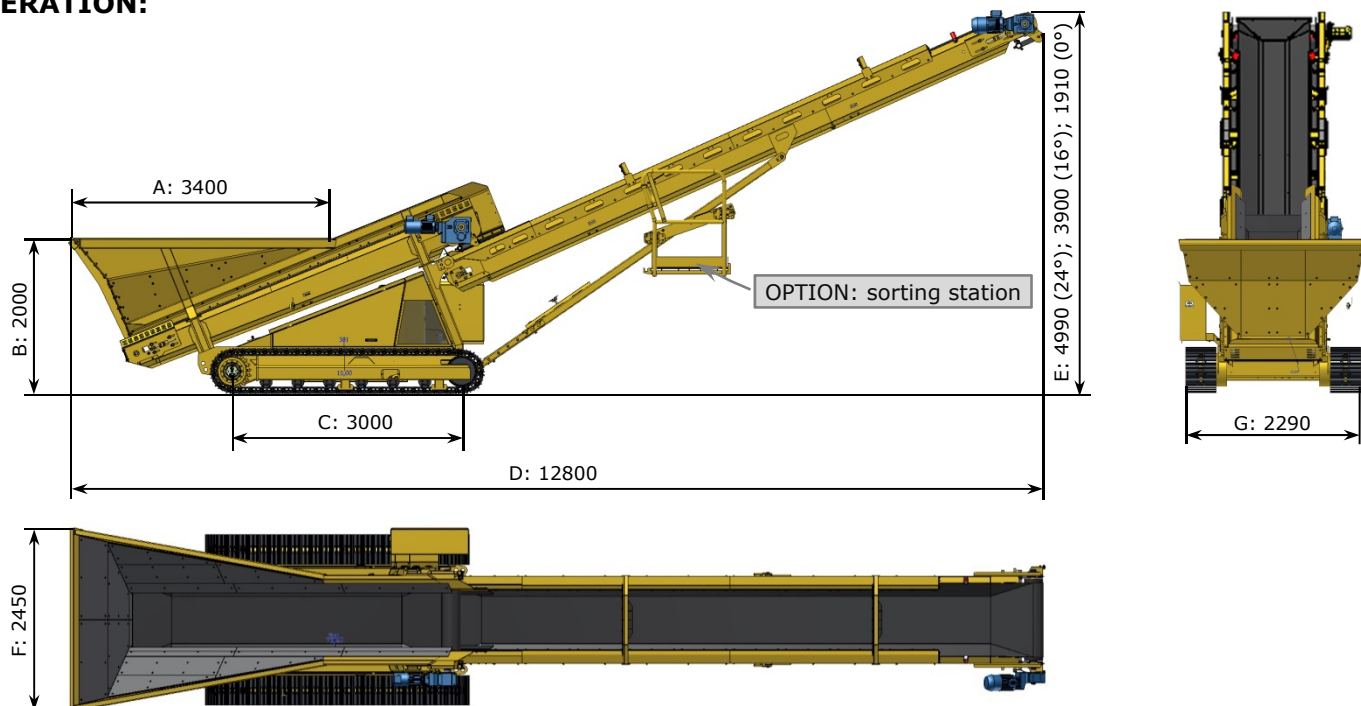
# FEEDER STACKER 10-4,5+8 E S<sub>5</sub>

STACKERS



## DIMENSIONS

### OPERATION:



**Weight: approx. 9 t (without options)**

Weight options:

Manual sorting station

+ approx. 275 kg

**Total weight with options**

**approx. 9,3 t**

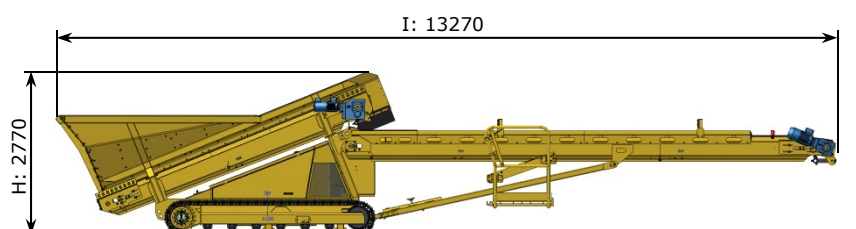
**Transport width**

**2.500 mm (8' 2")**

### TRANSPORT:

#### REMARK:

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



| A     | B    | C     | D     | E     | F    | G    | H    | I     |  |  |  |
|-------|------|-------|-------|-------|------|------|------|-------|--|--|--|
| 3400  | 2000 | 3000  | 12800 | 4990  | 2450 | 2290 | 2770 | 13270 |  |  |  |
| 11'2" | 6'7" | 9'10" | 42'0" | 16'4" | 8'0" | 7'6" | 9'1" | 43'6" |  |  |  |

## TECHNICAL SPECIFICATION

### APPLICATION:

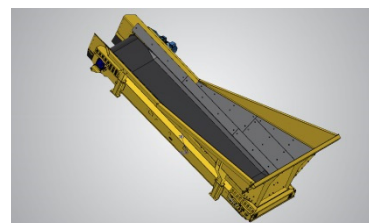
#### a) Stockpiling of bulk goods (sand and gravel)

#### b) Manual sorting on main conveyor on the left and right side

- Feed size 0 up to max. 200 mm
- Feed capacity Depending on the inclination of the conveyor:  
Inclination 9°: up to 500 T.P.H.  
Inclination 16°: up to 400 T.P.H.  
Inclination 24°: up to 300 T.P.H.
- Stockpile capacity (estimations:  
angle of repose 37 °; bulk weight 1,7 kg/dm³):  
Inclination 24° 390 tons
- Possible Inclinations In steps of approx. 2° from 0° to 24°

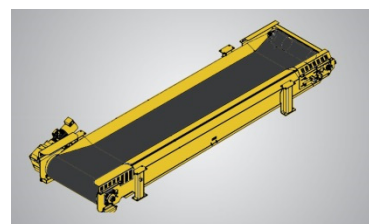
### 1) HOPPER

- Model 09 FEH 100-00
- Volume 3,5 m³ (6 yards³)
- Wear plates Wear resistant steel HB 450; s=6 mm
- Feeding height 2.000 mm (6'7")
- Feeding length lateral 3.400 mm (11'2")



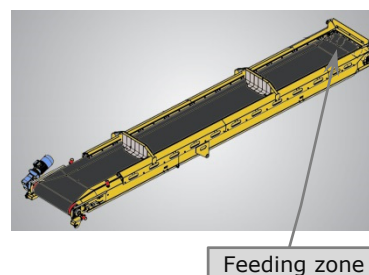
### 2) BELT FEEDER

- Model 09 BFR 100-00
- Full adjustable speed 6-30 m/min
- Axle distance 4.500 mm (14'9")
- Belt width 1.000 mm (3'3")
- Drive Electric gear motor 3 kW; 14 1/min at 50 Hz (4 hp) with frequency inverter;  
15 m/min (0,25 m/s) at 50 Hz (20-100 Hz)
- Feed capacity 500 t/h



### 3) MAIN BELT CONVEYOR

- Model 09 MCL 100-00
- Length 8.000 mm (75'6")
- Width 1.000 mm (3'4")
- Capacity Up to 500 T.P.H.
- Drive E-gear motor 8 kW with frequency inverter (10,9 hp)
- Belt speed Adjustable; max. 1,68 m/s at 50 Hz (0-5 ft/s)
- Rubber belt quality EP 400/3 4+2
- Troughing 30°; 3 parts
- Feeding zone With PU impact bars
- For transport Lower able



Feeding zone

### 4) 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

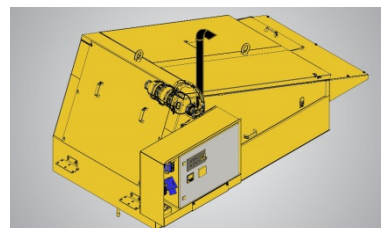
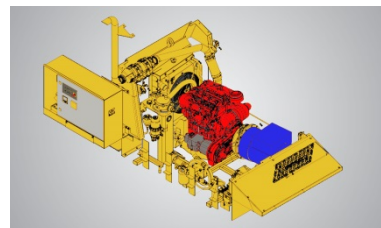


## TECHNICAL SPECIFICATION

### 5) ENGINE UNIT

|                           |                                                                                                                                                  |               |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| - Model                   | 09 ENU 100-00                                                                                                                                    |               |
| - Diesel engine type      | DEUTZ TCD 2.9 L4, Fixed speed;<br>4 cylinder in-line                                                                                             |               |
| - Emission control        | Tier 4i; EU STAGE IIIB; DOC<br>Option: DPF (p/n 101323)                                                                                          |               |
| - Power acc. to ISO 14396 | 48 kW at 1.500 R.P.M.                                                                                                                            | (65 hp)       |
| - Max. torque             | 300 Nm/1.500 Nm                                                                                                                                  | (221 lb ft)   |
| - Engine speed            | 1.500 R.P.M.                                                                                                                                     |               |
| - Bore/ Stroke            | 92 / 110 mm                                                                                                                                      | (3,6" × 4,3") |
| - Displacement            | 2.920 cm <sup>3</sup>                                                                                                                            | (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                                                                                                                                       | (42 gal)      |
| - Fuel pre-filter         | with water separator                                                                                                                             |               |
| - Fuel code               | according to DIN 51601                                                                                                                           |               |
| - Consumption             | ca. 5 l/h                                                                                                                                        |               |
| - Generator               | ECO 32-3S/4; 1500 R.P.M.; 42,5 kVA                                                                                                               |               |
| - Drive                   | Engine → Intermediate gear for drive →<br>a) Generator for operating components and<br>b) hydraulic pump for hydraulic cylinders and<br>crawlers |               |
| - Option for              | ECO EP+                                                                                                                                          |               |
|                           | Plug connection 63 A, 3 phase, 400 V, 50 Hz<br>for power supply, coming from outside<br>(crusher or net)                                         |               |
|                           | Engine warranty expires in case non genuine<br>Keestrack filters are used!                                                                       |               |

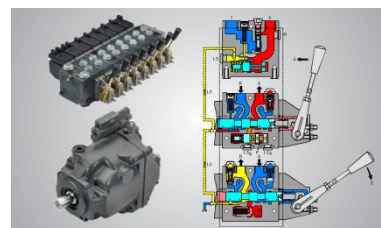
Latest  
technology



### ATTENTION

### 6) HYDRAULIC

|                      |                                                                                                                  |             |
|----------------------|------------------------------------------------------------------------------------------------------------------|-------------|
| Hydraulic main pump  | Variable flow, swash plate pump load sense<br>open loop circuit 60 cc                                            |             |
| Max. flow            | 110 l/min at 1.830 R.P.M.                                                                                        | (28 gpm)    |
| Max. pressure        | 265 bar                                                                                                          | (3.770 psi) |
| Pump regulation      | servo hydraulic load sensing regulation,<br>pressure compensation, flow compensation<br>automatic flow optimizer |             |
| Hydraulic tank       | 80 l                                                                                                             | (21 gal)    |
| Hydraulic oil filter | 1 full flow filter in return line with integrated<br>fine filter area (10 µm)                                    |             |
| Hydraulic oil cooler | Compact cooler, consisting of an electrical 12<br>Volt driven fan                                                |             |
| Hydraulic valves     | Danfoss PVG 32 proportional 3 bank valve                                                                         |             |
| Manual pump          | 25 ccm                                                                                                           |             |
| Hydraulic cylinders  | For lifting of the conveyor (min./max. 0/24°)                                                                    |             |



## TECHNICAL SPECIFICATION

### 7) CONTROL

- Type PLC – IP 67; dust and vibration proof
- Display LCD screen 2,8"
- Operation Control panel or RELYTEC panel
- Controller Wired remote controller; or optional Radio remote controller (see option list)



## TECHNICAL SPECIFICATION OPTIONS

### 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 feeder start / stop and +/- proportional
  - Blue machine stop button
  - Display



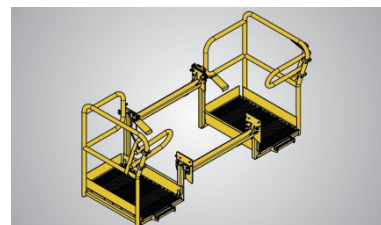
### 10) WORKING LIGHTS p/n 695970

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



### 11) MANUAL SORTING STATIONS LEFT AND RIGHT p/n 694030

- Model 09 WMC 100-00
- Weight 275 kg (700 lb)



### 12) OIL LEVEL SENSOR p/n 105569

- Measuring signals Temperature and level

### 13) HARD METAL SCRAPER p/n 101807

- Location Drive drum

