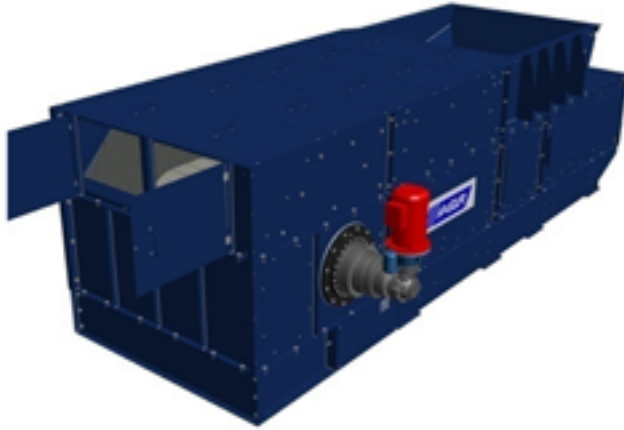


**MAMMUTHUS 2000**

- Accuracy  $\pm 1\%$
- Modular apron length
- Max flowrate : 750 m<sup>3</sup>/h



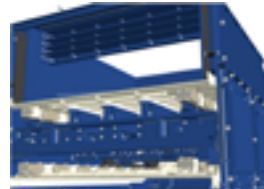
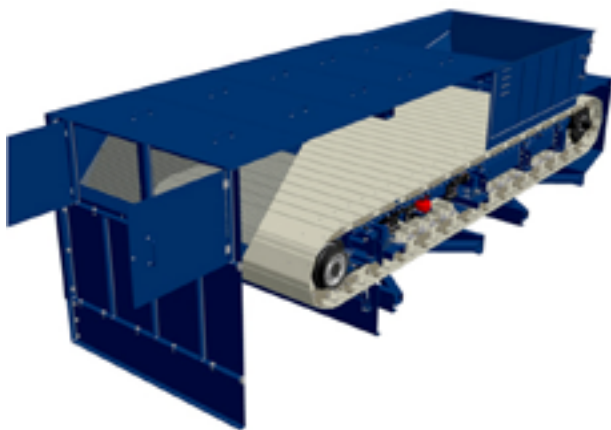
Extraction and weighing:  
Clay  
Gypsum  
Limestone,  
etc.



- Entirely closed
- Double (or triple) chain traction
- Included digital weighing system
- Speed control system of the feeding movement
- Inspection doors for easy maintenance

**Function:**

The MAMMUTHUS 2000 is a device used both as a strong apron feeder and as a common weigh belt feeder. It is specially designed for the big flows.  
The speed is controlled according to the material load in order to obtain a constant and accurate flowrate.  
The load is measured by two digital load cells (integrated weighbridge) through the rails deflection.  
An index flow sensor (one per lap) synchronises the segmented detaring of the empty apron.  
A pulse generator integrated to the gear motor gives the speed of the conveyor.  
The MAMMUTHUS 2000 is specially designed for high density products in different industrial applications.



Special rails (inlet zone) with weighing system

**Main technical points**

- Chains with integrated rollers (pitch = 200 mm)
- Reinforced apron plates
- Special rails under apron plates at inlet zone to support material impact
- New weighing bridge with 2 load cells F-SFT-1000-S - length = 1200 mm

**Controller:**

The SCM2 controller directly receives the signals and informations from the sensors: weight, speed and index. It can calculate the flowrate, totalization and speed control signal. Informations and alarms are indicated on the SDU display.



SCM2-Field



SCM2-Panel



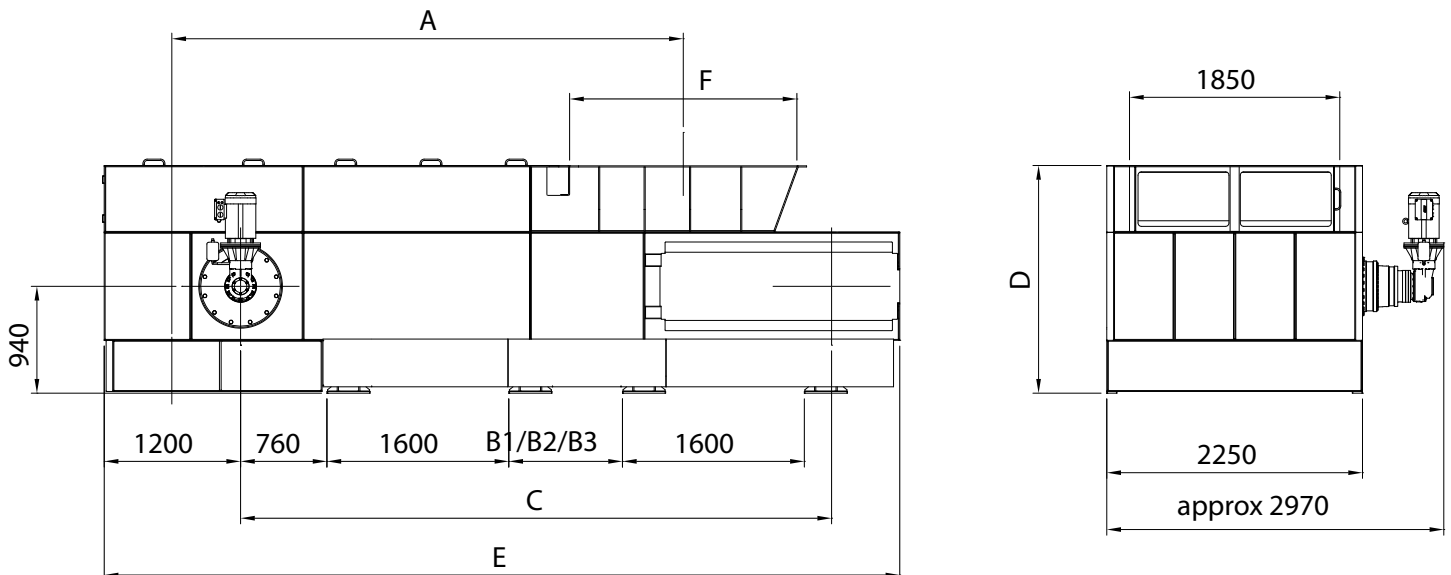
SDU

SCM2 Field or Panel Version:  
See SCM2-F.260.001-E or SCM2-P.260.001-E

**Dimensions and weights**

MAMMUTHUS TYPE	Flowrate max.	C	F	A	B1	B2	B3	D	E	Weight (kg)
600	600 m³/h	5 200	2 000	4 500	1 000	-	-	2 000	7 000	13 000
		7 200	4 000	5 500	1 000	1 000	1 000	2 000	9 000	18 000
750	750 m³/h	5 200	2 000	4 500	1 000	-	-	2 150	7 000	13 500

**Layout:**



**Technical data**

Motor	AC
Protection class	IP55
Load cells	2 digital load cells
Weight maximum load	+ 2 000 kg
Installed power	approx. 7,5 - 30 kW
Gear unit	Planetary gear unit
Transmission	Direct on head drum
Working temperature range	-10°C to +60°C
Speed sensor	Digital Encoder
Girders and cover	Steel
Apron conveyer	Steel
Color and coating	RAL 5000 blue as a standard, 80 µm

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