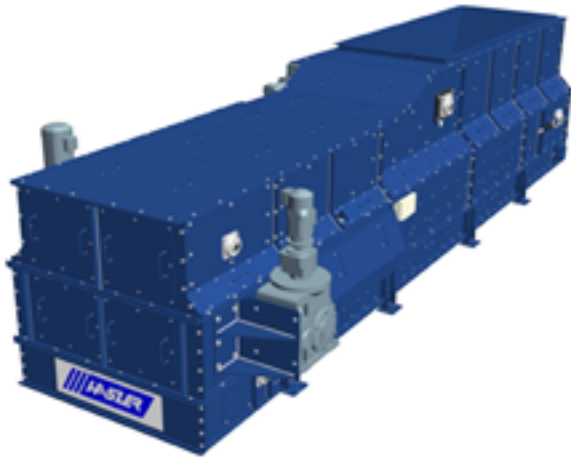


**MAMMUTHUS LIGHT**

- Material Density 0,15 to 0,6 t/m<sup>3</sup>
- Accuracy ± 1%
- Engineering on request.
- Constant technical evolution
- Length for weighing bridge : 1280 mm - chain pitch = 160 mm
- Easy maintenance

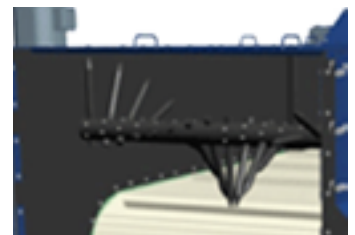


- ✓ Entirely closed
- ✓ Spillage conveyor integrated at bottom
- ✓ Double chain traction
- ✓ Embedded digital weigh system
- ✓ Speed control system of the feeding movement
- ✓ Inspection doors to ease maintenance
- ✓ Lump breaker module « paddle wheel » at discharge zone - ventilation and homogenisation of material fall

**Function:**

The MAMMUTHUS light is a device used both as a strong apron feeder and as a common weight belt feeder. 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 weightbridge) through the rails deflection. An apron index sensor (one per revolution) synchronises the segmented detaring of the empty apron.

A pulse generator integrated to the gear motor gives the speed of the conveyor. The MAMMUTHUS Light is specially designed for up to 0,6 t/m<sup>3</sup> density products. The MAMMUTHUS Light can extract light materials like plastic films, cardboard, shavings and recycling products.



Lump-breaker-module



Roller-press



Weighing-System

**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 deported on the SDU display.



SCM2-Field



SCM2-Panel

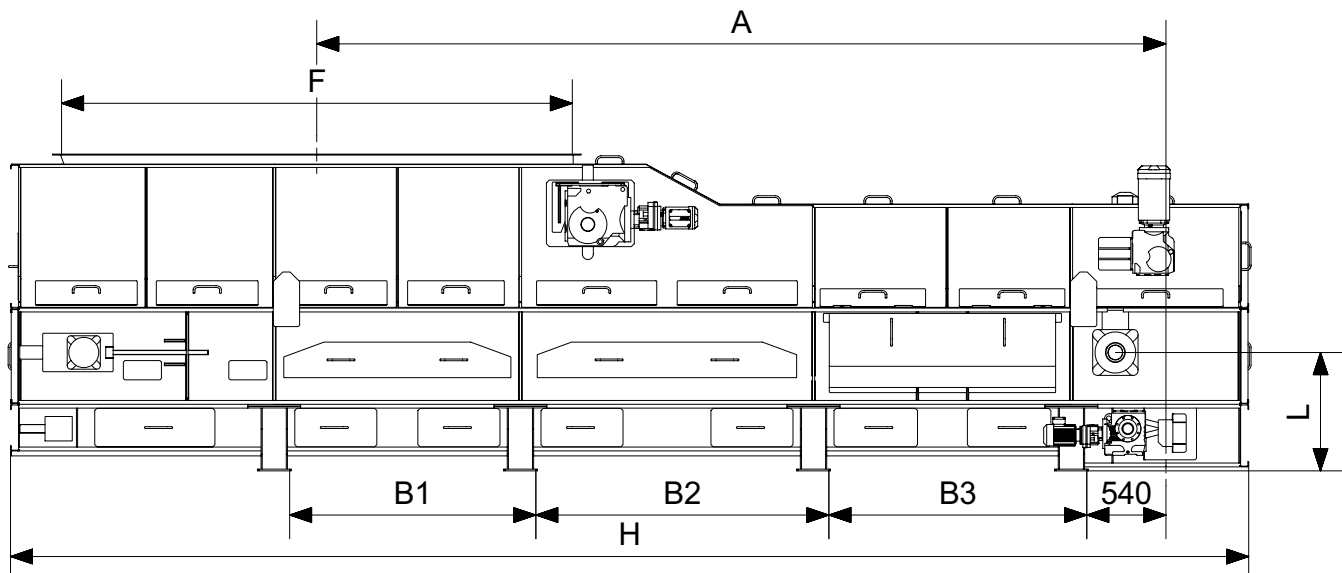
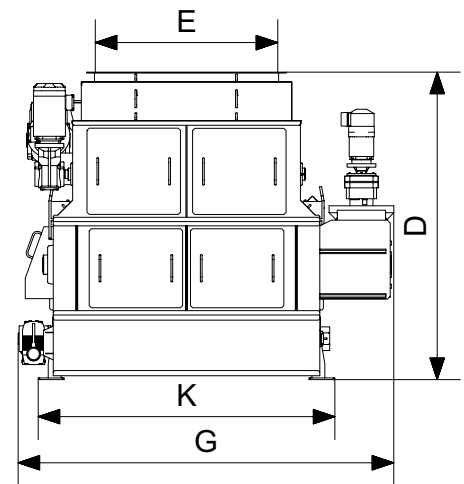


SDU

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

### Dimensions and weights

TYPE	1400/4800	1400/5700	1400/7000
Between apron	4800	5760	7040
A (between axis)	4105	5065	5825
D	2140	2140	2140
E	1270	1270	1270
F	2450	2450	3490
G	2540	2490	2615
H	6210	7170	8450
K	2065	2065	2065
L	800	800	800
Output width (mm)	1735	1735	1735
Output length (mm)	950	950	950
Weight (kg)	8010	9340	10400



### Technical data

Motor	AC
Protection class	IP55
Load cells	2 digital load cells (nominal load = 500 kg)
Weight maximum load	400kg / m
Installed power	4 motors : 1x0,55 kW (spillage conveyor) + 2x1,1 kW (roller press and apron plates) + 1x4 kW (lump breaker)
Gear box	Planetary gearbox
Transmission	Direct
Working temperature range	-10°C to +60°C
Speed sensor	Digital Encoder
Girders and cover	Steel
Apron conveyor	Steel
Corrosion protection	Primer and finish coat
Color and coating	RAL 5000 blue as a standard, 80 µm

### HASLER Group

Headquarter  
Zi de l'abbaye  
38780 PONT-EVEQUE - France

Tel. +33 (0)4 74 16 11 50  
Fax +33 (0)4 74 16 11 55  
E-mail: sales.fr@hasler-gp.com

All our addresses are on:  
[www.hasler-int.com](http://www.hasler-int.com)