

Accuracy: $\pm 0,25\%$
Modular length and belt width
Easy maintenance and commissioning
Longevity and modularity range reference
Permanent technical innovation



Cement,
Construction materials,
Gypsum – plaster,
Steel, aluminium,
Fertilizer,
Mines,
Wood, Tobacco,
etc.

GRAVIT

- Modular construction
- Adapted and smooth surfaces
- High rigidity thanks to folded side girders
- Belt tension device with tensioning roller
- Auto-centring belt system
- Flow range: 1:10 ; 1:20 ; 1:100

Function:

The material flows from the stocking silo through the inlet onto the belt and is conveyed to the weigh bridge. Taking into account the conveying distance between the weigh bridge and the discharge point, the flowrate is calculated according to the belt speed and the load measured at the discharge point.

The flow rate is kept constant by the SCM 2 controller at the weighfeeder discharge point by modifying the belt speed according to the load measured and the setpoint applied.

Options:**Spillage Conveyor:**

One or more scraper(s) driven by two side chains recover the particles that escaped from the weighfeeder and bring them back to the common discharge point

**Hammer Gate:**

This gate limits the height of the extraction section while enabling the passage of oversized material lumps, the mobile elements (hammers) lifting then returning to their original position once the material lumps have gone through.

**Other options:**

Inlets : Vibrating / elongated / rock-box
Rod closing gates / cut-off gates
Material cover
High temperature resistant belt
Digital load cells

Controller:

Informations and signals from the feeder's sensors directly reach the controller which calculates the flowrate-totalization of the regulation signal.

Detailed alarm informations are obtained via the display (SDU).

* SCM2 Field or Panel version:
see : SCM2F-260.001-E. or SCM2-P.260.001-E.b



SCM2-Panel



SDU



SCM2-Field

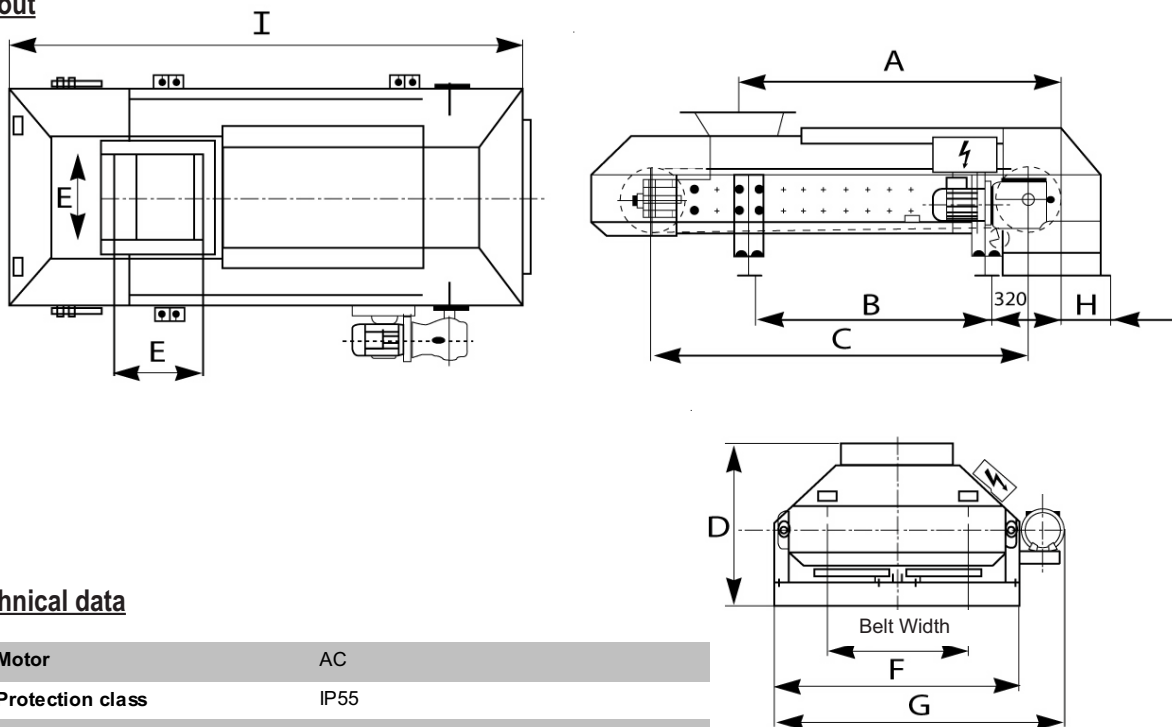
Dimensions and Flowrates

Type	Belt Width	I	E	A min	B min	H	C min	D	F	G	Kg min	Flow range t/h $\alpha = 1 \text{ t/m}^3 - V \text{ max}^{**} = 0,5 \text{ m/s}$ In extraction
GRAVIT 650	650	C + 700	400*	1200	700	229	1350	850	1140	~1350	665	40
GRAVIT 800	800	C + 700	500*	1200	700	229	1350	850	1290	~1550	775	90
GRAVIT 1000	1000	C + 900	600*	1500	1100	429	1750	900	1530	~1800	940	170
GRAVIT 1200	1200	C + 900	800*	1500	1500	429	2150	1000	1730	~2030	1140	250
GRAVIT 1400	1400	C + 900	1000	1600	1500	429	2150	1100	1930	~2230	1300	350

All dimensions in mm

*: Length can be doubled in order to increase the extraction surface

**: Maximum speed to take into account only for very good flowing materials.

Layout

Technical data

Motor	AC
Protection class	IP55
Rating	0,37 – 7,5 kW
Gear unit	Hollow shaft helical bevel gear
Transmission	Direct on head drum
Working temperature range	-10°C to + 60°C
Speed sensor	Digital encoder
Girders and cover	Steel
Conveyor belt	Rubber: endless vulcanized
Corrosion protection	Primer, Finish coat
Color & Coating	RAL 5000, 80 μm standard blue

HASLER International SA
Z.I. de L'Abbaye
F-38780 Pont-Evêque France
Tel. +33 (0)4 74 16 11 50
Fax +33 (0)4 74 16 11 55
E-mail: sales.fr@hasler-int.com

HASLER Deutschland GmbH
Münsterstrasse 69
D-49525 Lengerich Germany
Tel. +49 (0)5481 805-0
Fax +49 (0)5481 805-110
E-mail: sales.de@hasler-int.com

HASLER Suisse Sàrl
Rue du Puits-Godet 10a
CH-2000 Neuchâtel Switzerland
Tel. +41 (0)32 720 23 00
Fax +41 (0)32 720 23 90
E-mail: sales.ch@hasler-int.com

**HASLER Industrial Equip
Shanghai Co. Ltd**
541 Deli Road - Malu Town
Jiading District
CN - 201801 Shanghai P.R. China
Tel. +86 21 5910 6058
Fax +86 21 5910 5300
E-mail: sales.cn@hasler-int.com