

Available models : 1500 - 1800 - 2200



ROTAWEIGH

- ✓ Accuracy : ± 0,5%
- ✓ Material moisture < 1 %
- ✓ Particle size < 1 mm
- ✓ Several diameters
- ✓ Easy maintenance and commissioning

Kiln feeding :
Raw Meal
Cement blending



- ✓ Complete tightness
- ✓ Material quantity measured over 270°
- ✓ Easily removable wear elements
- ✓ ABS system thanks to drive integrated torque limiter
- ✓ Rotation control
- ✓ High temperature version : up to 130 ° C continuously

OPTIONS :

- ✓ Digital load cells
- ✓ ATEX Version
- ✓ Maintenance Kit

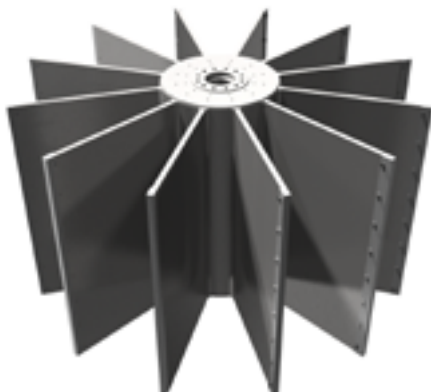
Function

The ROTAWEIGH is a rotary multicells weighfeeder. The feeding should be regulated upstream, via a flow control gate.

The neutral point of the weighing system is in line with the inlet in order to exclude influences of the material above the ROTAWEIGH.

The rotation speed is adjusted to get the measured flow constant and equal to the given set point.

The ROTAWEIGH is delivered with an inverter model ATV32 from SCHNEIDER brand that is specially programmed to ensure safety in the event of temporary blocking of the rotor



Rotor with 12 cells.

Controller

Informations and signals from the feeder sensors are processed in the SCM controller which calculates the flowrate, the totalization and the regulation signal.

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

Field version SCM2F-260.001-E
or panel version SCM2P-260.001-E



SCM2-Panel

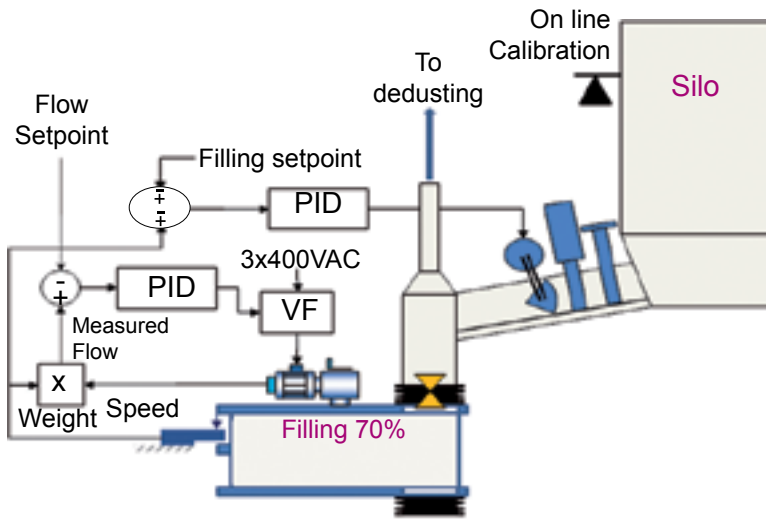


SCM2-Field

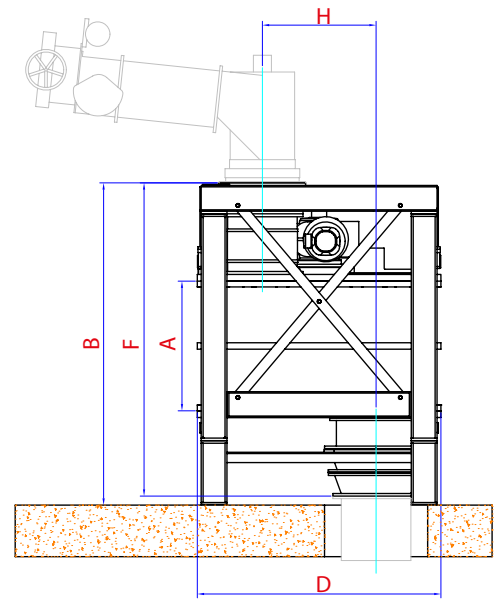


console SDU

Examples for feeding :



Extraction by prefeeder, double regulation loop

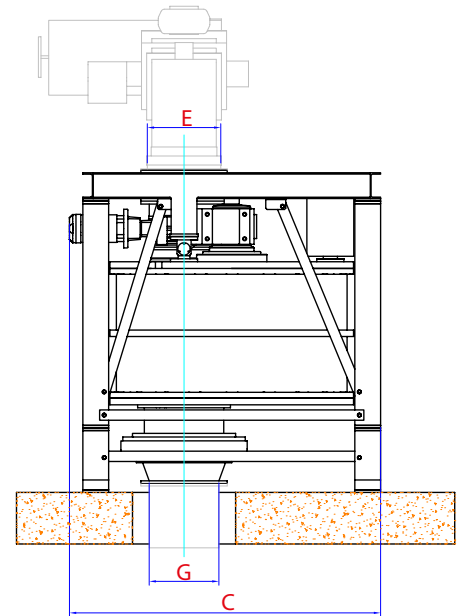


Technical Details:

Dimensions and flow ranges :

		MODEL	1500	1 800	2 200
Height upper rotor	A	mm	900	1 000	1 200
Total height	B	mm	2 150	2 500	2 700
Length	C	mm	1 940	2 450	2 740
Depth	D	mm	1 590	1 890	2 270
Inlet diameter	E	mm	440	520	630
Height inlet / outlet	F	mm	2 093	2 430	2 630
Output diameter	G	mm	440	520	630
Gap input / output	H	mm	755	882	1 082
Max Flowrate		m ³ /h	210	360	650
Approximate Power		KW	3	5,5	7,5
Weight		kg	5 300	9 000	11 800

Dimensions and diagrams are not contractual and can be modified at any time without advance notice.



Materials of construction :

Frame, stator and rotors : Steel
Sealing removable parts : depend on the application. (ie : highly abrasive materials).

Protection class of electrical components :

IP55 or IP65 depending on component type

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