



Latest Innovations

Innovative solutions developed across all areas of technology.

Product Catalogue

Flow Balancer

SE-FB-25
SE-FB-50

Technological Advantages

Across All Markets and Sectors

FLOW BALANCER SE-FB APPLICATION OVERVIEW

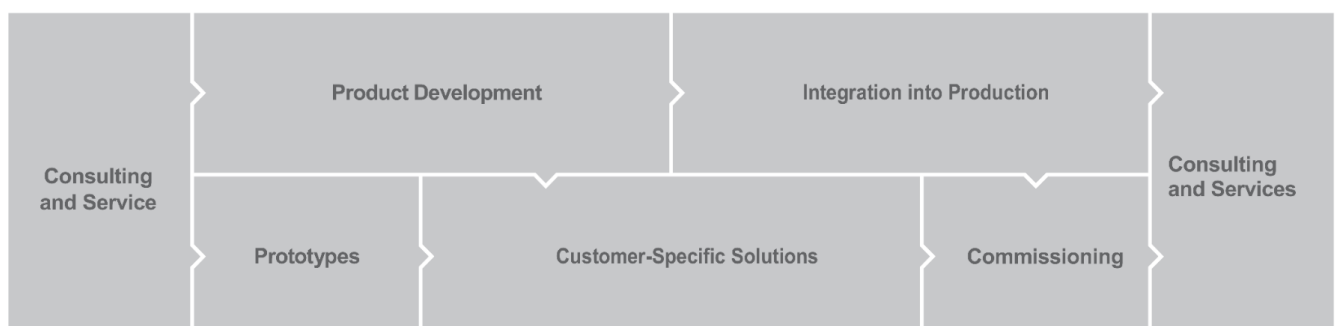
The SE-FB-25 / SE-FB-50 Flow Balancer by Sediroglu Group is designed for accurate product flow regulation, controlled ingredient dosing, and stable blending performance in modern flour milling and bulk material processing facilities. It is widely used in wheat flour mills, semolina plants, feed production facilities, grain handling systems, and industrial food processing lines where continuous and balanced product flow is essential. The system is developed to control product discharge from silos and hoppers with high precision while maintaining consistent material movement during production. Each Flow Balancer unit regulates the discharge quantity individually and ensures accurate percentage-based dosing before materials enter the screw conveyor or transfer line. The machine is available in two models: SE-FB-25 and SE-FB-50, providing flexible solutions according to plant capacity and production requirements. Multiple units can be installed under separate silos and connected to one common transfer system, allowing controlled blending of different raw materials with stable and continuous product flow. The Flow Balancer operates with precision-controlled flap movement and automatic level monitoring. The integrated digital indicator system provides real-time operational control and supports stable product feeding throughout the production process. Designed for industrial environments, the SE-FB series offers durable construction, easy maintenance, flexible installation options, and reliable long-term performance. The system helps improve blending accuracy, production efficiency, and automation control while reducing product loss during transfer operations.

FEATURES & ADVANTAGES

- ▶ Accurate and stable product flow control
- ▶ Precision percentage-based ingredient dosing
- ▶ Continuous industrial blending performance
- ▶ Available in SE-FB-25 and SE-FB-50 models
- ▶ Flexible installation under multiple silos
- ▶ Stable material feeding to screw conveyors
- ▶ Integrated digital monitoring system
- ▶ Automatic level sensor support
- ▶ Durable industrial construction
- ▶ Easy maintenance and cleaning access
- ▶ Painted steel or stainless steel options

APPLICATION FIELDS

- ▶ Wheat flour mills
- ▶ Semolina production plants
- ▶ Feed production facilities
- ▶ Grain storage and transfer systems
- ▶ Wheat and flour silo discharge lines
- ▶ Bulk ingredient dosing systems
- ▶ Rice and barley processing plants
- ▶ Food blending and ingredient handling lines
- ▶ Screw conveyor feeding systems
- ▶ Milling, transfer, and automation sections



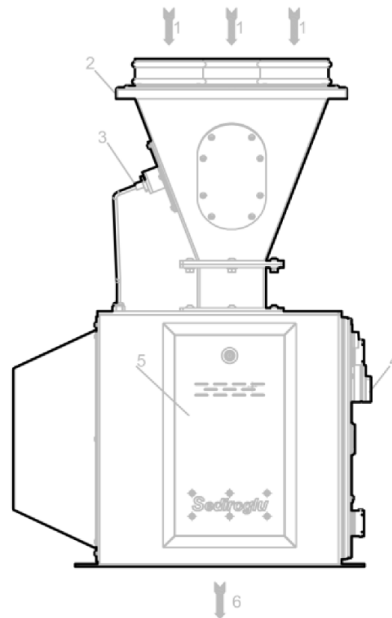
Technical Table

SE-FB Flow Balancer

Technical Specifications

Nr	Model	Features
1	Engine Brands	Linak
2	Bearing Type	SKF/FAG
3	Specific gravity	0.55 kg/dm ³ 0.60 kg/dm ³
4	Product	Flour / Semolina Wheat
5	Alex Application	Optionally Possible
6	304 Stainless	Optionally Possible
7	Material Type	Carbon steel
8	Drive system	Direct Connection
9	Surface Coating Type	Epoxy Polyester

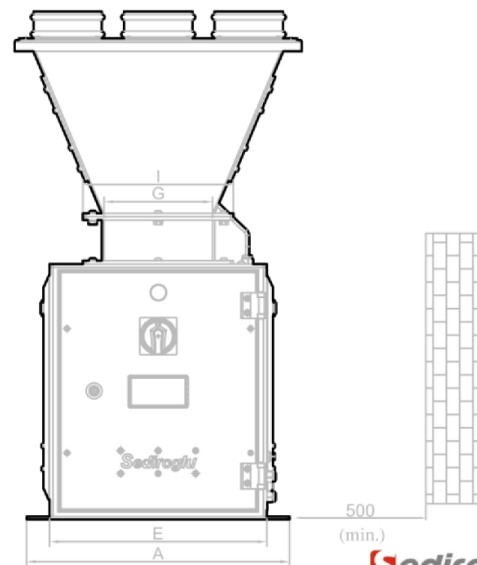
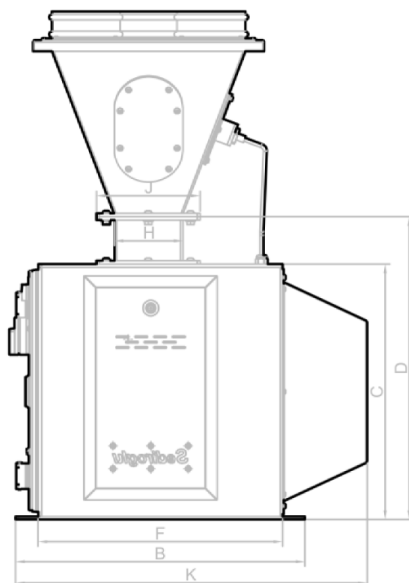
- 1- Product inlet
- 2- Product Inlet Hopper
- 3- Level Sensor
- 4- Indicator
- 5- Inspection Cover
- 6- Product outlet



Spécifications techniques

Nr	Modèle	Caractéristiques
1	Marques de moteurs	Linak
2	Type de roulement	SKF/FAG
3	Gravité spécifique	0.55 kg/dm ³ 0.60 kg/dm ³
4	Produit	Farine / Semoule Du blé
5	Demande Alex	Possible en option
6	Inox 304	Possible en option
7	Type de matériau	Acier Carbone
8	Système d'entraînement	Connexion Directe
9	Revêtement de surface	Époxy Polyester

- 1- Entrée de produit
- 2- Trémie d'alimentation du produit
- 3- Capteur de niveau
- 4- Indicateur
- 5- Trappe d'inspection
- 6- Sortie de produit



sediroglu
GROUP machine

MODEL MODELE	DIMENSIONS mm.										TECHNICAL FEATURES CARACTERISTIQUES TECHNIQUES				
	A	B	C	D	E	F	G	H	I	J	K	Capacity Capacité t/h	Weights - Poids Kg		Gross volume Volume sous emballage m ³
											Net		Gross-Brut		
SE-FB-25	460	510	450	530	380	430	200	120	264	182	625	25	61	105	0,2
SE-FB-50		580				500		190		252	695	50	88	135	0,4

SEDIROGLU GROUP DELIVERS COMPLETE SOLUTIONS ACROSS VARIOUS INDUSTRIES, COMBINING DEEP TECHNICAL EXPERTISE WITH A DIVERSE AND EXTENSIVE PRODUCT RANGE TO MEET A WIDE SPECTRUM OF CUSTOMER NEEDS.

FACING A DEVELOPMENT CHALLENGE? WE PROVIDE THE SOLUTION.
AT SEDIROGLU GROUP, OUR EXPERIENCED R&D TEAM IS COMMITTED TO CONTINUOUS IMPROVEMENT.
MANY INDUSTRY INNOVATIONS HAVE ORIGINATED FROM OUR COMPANY.
WE ARE DRIVEN BY A FORWARD-THINKING MINDSET AND A PIONEERING SPIRIT IN EVERY STEP WE TAKE.

CONTACT – WORLDWIDE

With 12 branches around the world and marketing teams in over 70 countries, we provide you with outstanding service worthy of a technology leader.

We look forward to hearing from you!

<https://sediroglugroup.com/contact>



AT YOUR SERVICE 24/7 – OUR VIRTUAL BOOTH

With impressive features like animated shots, clickable hotspots, and rotatable 3D models, we are confident our online presentations will truly impress you.

<https://sediroglugroup.com/products>



DISCOVER MORE ABOUT THIS PRODUCT

Scan the QR code to access detailed technical specifications, application insights, high-quality visuals, and interactive digital content related to this product.

<https://sediroglugroup.com/products/flow-balancer-section>



HEAD OFFICE:

SEDIROGLU GROUP

Turkey, Çorum

T +90 541 620 03 22

E Mail : info@sediroglu.com

E Mail : info@sediroglugroup.com

www.sediroglugroup.com

Sediroglu
GROUP machine