

Latest Innovations

Innovative solutions developed
across all areas of technology.

Product Catalogue

Bucket Elevatör

SE-BE 315/140
SE-BE 400/180
SE-BE 630/300
SE-BE 800/340
SE-BE 800/420

Technological Advantages

Across All Markets and Sectors

SE-BE BUCKET ELEVATOR- APPLICATION OVERVIEW

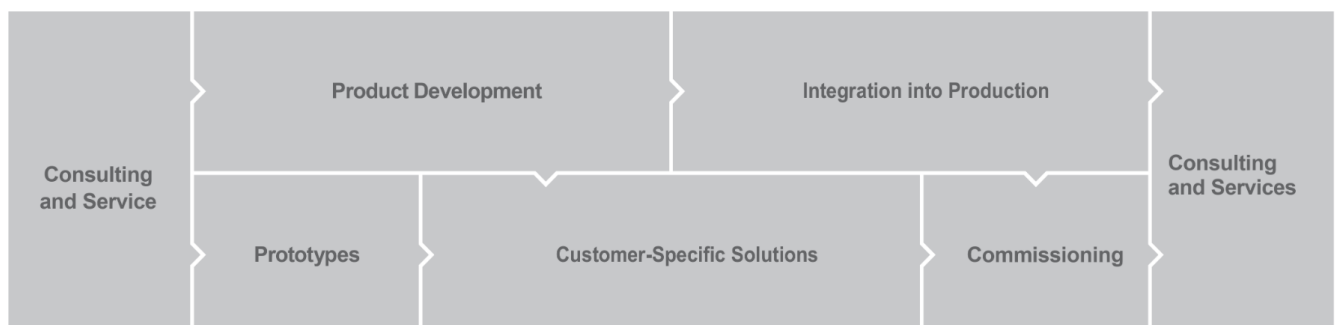
The SE-BE Bucket Elevator by Sediroglu Group is designed for efficient and high-capacity vertical transportation of bulk materials such as powders, granules, and particulate products in industrial production lines. Operating with a belt-driven bucket system, it ensures smooth, continuous, and reliable material transfer from the intake point to the discharge outlet. Each bucket is precisely engineered to prevent material loss, reduce spillage, and maintain a consistent product flow. The system is equipped with a powerful and energy-efficient drive mechanism that provides stable performance even under heavy-duty operating conditions. The fully enclosed body structure minimizes dust emissions and protects materials from external contamination, ensuring a clean and safe working environment. Its robust construction allows handling of abrasive, dense, and fine materials while maintaining long service life and low maintenance requirements. With its modular design and easy access maintenance points, the SE-BE Bucket Elevator can be seamlessly integrated into existing production lines, offering high operational efficiency and reliability across various industrial applications. The SE-BE Bucket Elevator operates based on a vertical conveying system. Buckets mounted on multi-layer reinforced belts rotate around upper and lower pulleys, lifting materials vertically from the feeding section to the discharge point. At the discharge section, centrifugal force ensures complete and smooth unloading of materials. The continuous rotation of the belt system provides stable and uninterrupted material flow, while the enclosed structure reduces dust formation and ensures efficient transport.

FEATURES & ADVANTAGES

- ▶ High-capacity vertical material transport system
- ▶ Durable bucket and belt structure for long service life
- ▶ Multi-layer reinforced belt design for heavy-duty operation
- ▶ Plastic and metal bucket options for different materials
- ▶ Rubber-coated pulleys for improved grip and reduced wear
- ▶ Enclosed structure to prevent dust and contamination
- ▶ Low vibration and quiet operation
- ▶ Energy-efficient drive system
- ▶ Easy maintenance and inspection access
- ▶ Continuous and stable industrial performance
- ▶ Suitable for powder, granular, and bulk materials

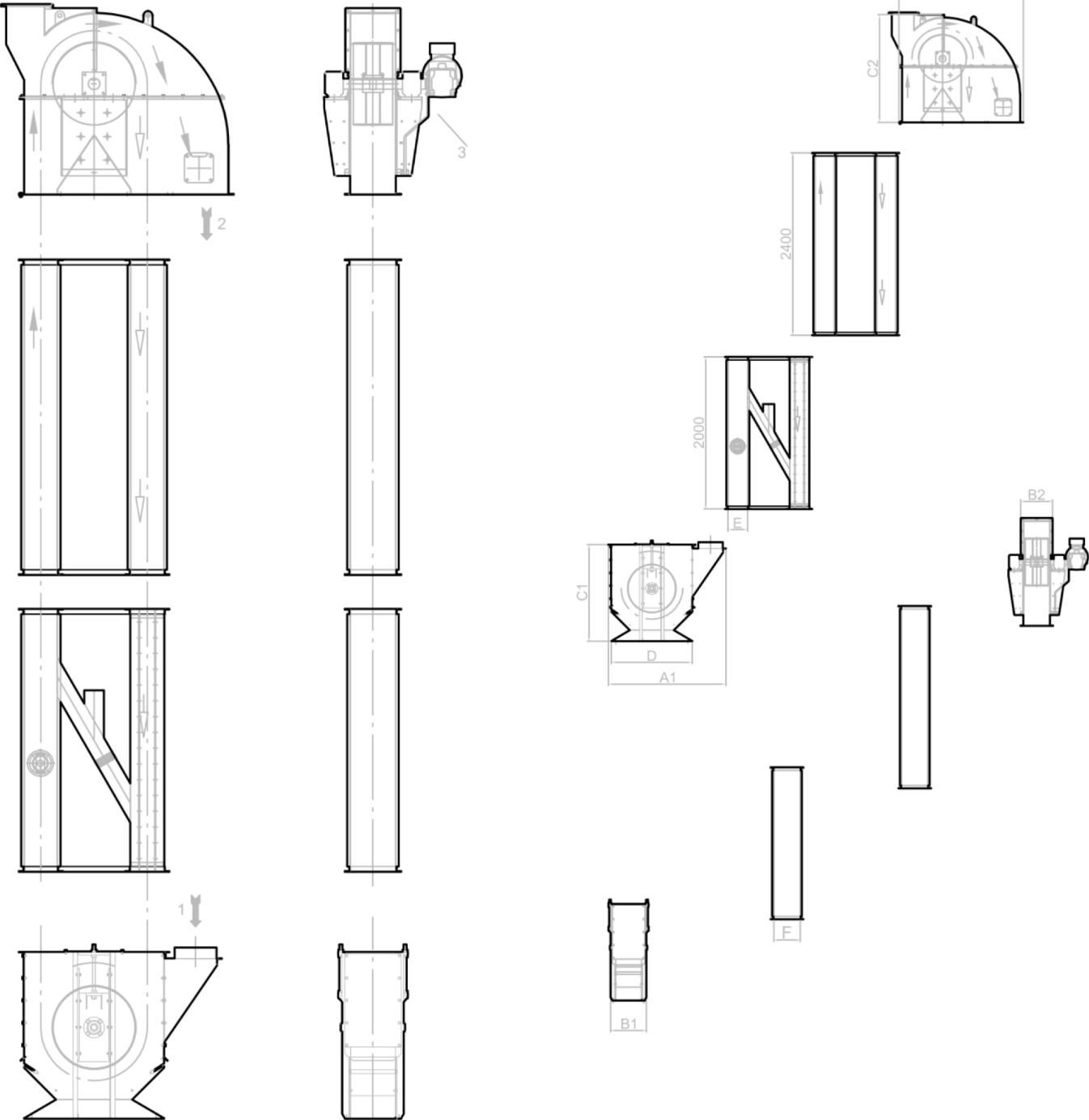
APPLICATION FIELDS

- ▶ Flour and semolina mills
- ▶ Feed production plants
- ▶ Grain storage and silo systems
- ▶ Biscuit and pasta production facilities
- ▶ Barley and malt processing plants
- ▶ Cement and clay industries
- ▶ Fertilizer and chemical plants
- ▶ Recycling and paint production facilities
- ▶ Cocoa and coffee processing plants
- ▶ Oil refineries and industrial processing plants
- ▶ Tea and tobacco production lines
- ▶ Legume and agricultural product processing facilities



Technical Table

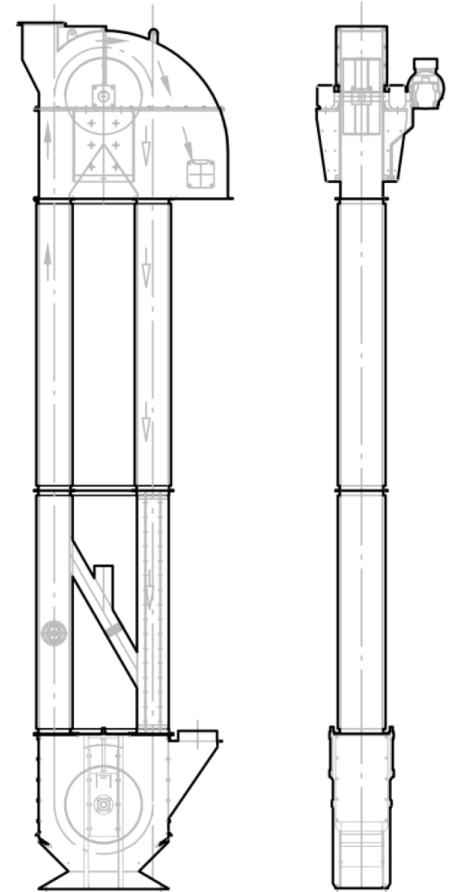
Bucket Elevator



Technical Table

Bucket Elevatör

- 1- Product inlet
2- Product outlet
3- Engine
- 1- Entrée de produit
2- Sortie de produit
3- Moteur



MODEL MODELE	Bucket Coolet	mxBucket mxGoüet	V=3,2		V=2,7		V=2,5	
			m/s	rpm	m/s	rpm	m/s	rpm
			Capacity Wheat	Capacity Blé	Capacity Flour	Capacity Farine	Capacity Bran	Capacity Son
			t / h	t / h	t / h	t / h	t / h	t / h
			%75	%85	%70			
SE-BE-315/140	100	8	195	12,6	164	8,6	152	3,7
SE-BE-400/200	120	7	154	17,5	129	11,9	120	5,1
	140			26,5		18,1		7,7
	160			35,4		24,2		13,4
SE-BE-630/300	180	6	97	39,1	82	27,0	76	11,4
	200			61,7		42,6		18,0
	220			81,6		56,3		23,9
	240			97,3		67,1		28,5
	260			134,3		92,6		39,3
SE-BE-800/340	280	5,5	77	151,6	65	104,4	67	44,1
SE-BE-800/420	300			180,3		124,2		52,5
SE-BE-800/420	320	5	77	204,0	65	140,5	67	65,3
	340			209,9		144,6		67,2

Sediroglu
machine

MODEL MODELE	DIMENSIONS mm.									TECHNICAL FEATURES CARACTERISTIQUES TECHNIQUES	
	Product inlet			Product outlet			D	E	F	Pulley	Poulie
	A1	B1	C1	A2	B2	C2				ØDiam.	Width Largeur
SE-BE 315/140	920	290	890	990	240	835	605	175	165	300	140
SE-BE 400/180	1130	350	1035	1195	300	1030	750	205	220	400	180
SE-BE 630/300	1545	470	1270	1635	420	1420	1065	250	345	630	300
SE-BE 800/340	1800	550	1670	1930	480	1708	1260	275	395	800	340
SE-BE 800/420	1920	595	1570	2545	523	2067	1440	370	465	800	420

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.

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We look forward to hearing from you!

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

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