



Latest Innovations

Innovative solutions developed across all areas of technology.

Product Catalogue

Ecluse

SE-EC-20/20
SE-EC-25/25
SE-EC-32/32
SE-EC-45/45
SE-EC-60/60

Technological Advantages

Across All Markets and Sectors

SE-EC ECLUSE- APPLICATION OVERVIEW

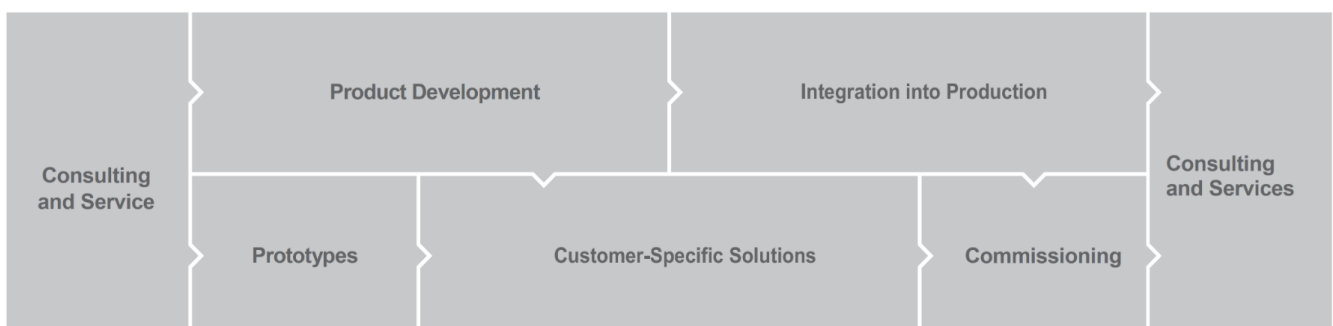
The SE-EC ECLUSE is designed for precise and controlled transfer of flour, semolina, grains, and other bulk materials between silos, hoppers, and processing lines in modern milling and industrial plants. Engineered to prevent backflow, air leakage, and material spillage, the SE-EC ensures consistent product metering and uninterrupted production. Its rotating gate mechanism allows accurate material dosing while maintaining airtight sealing, preserving product quality and reducing waste. Constructed from durable stainless steel with optimized sealing components, the SE-EC ECLUSE operates reliably under heavy-duty conditions while minimizing noise and vibration. Compact and hygienic, it is suitable for integration into flour mills, feed plants, starch factories, grain storage facilities, and automated processing lines. The device enhances operational efficiency, reduces manual handling, and ensures smooth, consistent material flow, making it an essential solution for modern bulk material handling systems.

FEATURES & ADVANTAGES

- ▶ Accurate and controlled transfer of bulk materials between silos and processing lines
- ▶ Prevents backflow, air leakage, and material spillage
- ▶ Rotating gate mechanism ensures precise dosing and flow regulation
- ▶ Heavy-duty stainless steel construction for industrial durability
- ▶ Compact and hygienic design suitable for food-grade applications
- ▶ Minimizes vibration and operational noise
- ▶ Reduces manual intervention and labor requirements
- ▶ Easy installation and integration into existing systems
- ▶ Low maintenance and long service life, energy-efficient operation

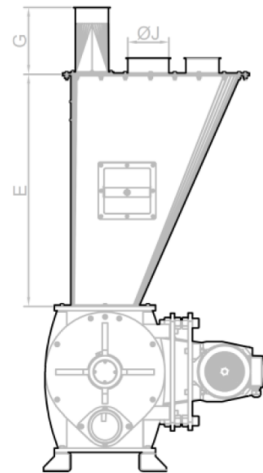
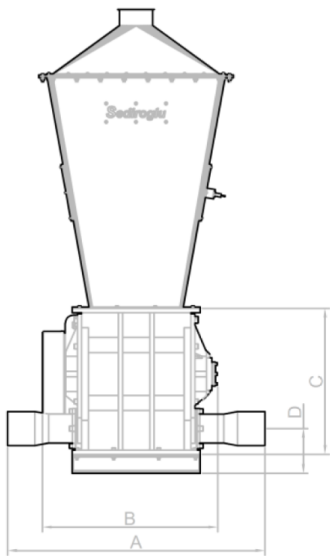
APPLICATION FIELDS

- ▶ Wheat flour mills
- ▶ Whole wheat flour milling plants
- ▶ Semolina (durum wheat) production lines
- ▶ Pasta flour production facilities
- ▶ Corn flour milling plants
- ▶ Rusk (galeta) flour mills
- ▶ Starch production plants
- ▶ Milling, sifting, and quality control sections
- ▶ Flour packaging lines
- ▶ Flour conveying lines
- ▶ Dusty product and granular material conveying lines
- ▶ Grain silos
- ▶ Grain storage facilities
- ▶ Cement factories



Technical Table

Ecluse



MODEL MODELE	DIMENSIONS mm.							TECHNICAL FEATURES CARACTERISTIQUES TECHNIQUES					
	A	B	C	D	E	G	ØJ	Capacity - Capacité (t/h)			Weights - Poids Kg		Volume sous Gross volume emballage m³
								Wheat	Flour	Bran	Net	Gross-Brut	
SE-EC-20/20	740	440	340	130	750	340	120	6,6	4,7	2,6	167	199	0.6
SE-EC-25/25	785	485	405	155	800		150	13,2	9,4	5,2	211	320	0.9
SE-EC-32/32	830	530	500	155	1000		200	21,9	15,6	8,6	280	331	1.3
SE-EC-45/45	950	695	605	190	1100		250	30,6	21,7	12,1	410	473	1.8
SE-EC-60/60	1044	730	700	200	1200		250	62,0	44,1	24,5	575	667	2.8

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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