



BUCKET ELEVATOR DAE50-70-100

DAE50-70-100

ALTINBILEK Self-Cleaning Bucket Elevator is designed for upward transport of powder and grain products in an undamaged manner. With its round shaped adjustable bottom boot, it minimizes the mixing of the transported products and provides upward transport. The distance between the buckets and the bottom can be adjusted quickly, easily, and precisely. This prevents material accumulation at the bottom. It is ideal for the grain, pulse, and feed industries.

It has a completely closed and impermeable structure. It consists of a upper boot where feeding is made, a vertical tubing, and a lower boot.

FEATURES

- Rubber Coated Driving Drum
- Mechanical Bucket Lock
- Screwed Belt Tensioning System
- Feeding from Both Sides
- Replaceable Wear Plates on Product Contact Surfaces
- Impermeable Shaft Seals
- Heavy Duty Block Bearings
- Articulated Upper Boot for Maintenance

DRIVE SYSTEM

- Mountable Drive System at Right or Left
- Power Transmission with Belt-Pulley Connection (Standard)
- Reducer Motor Hollow Shaft (Optional)
- Reducer Motor Full Shaft and Coupling (Optional)

SECURITY SYSTEM

- Speed Sensor (Standard)
- Upper Boot Blast Chimney Sensor (Standard)
- Tube Explosion Caps (Standard)
- Belt Slide Sensor (Optional)
- Roller Heat Detection Sensor (Optional)
- Roller Pulse Detection Sensor (Optional)

ACCESSORIES

- Maintenance, Inspection, and Cleaning Covers
- Inlet Module
- Outlet Module
- Transparent Observation Hatch
- Grid Lower Boot Drum (Optional)
- Plate Magnet at the Feeding Section (Optional)
- Local Filter at the Tube Section (Optional)

TECHNICAL SPECIFICATIONS

Machine	DAE50	DAE70	DAE100
Maximum Capacity	70m ³ /h	100m ³ /h	135m ³ /h
Maximum Belt Speed	2.50m/s	2.50m/s	2.80m/s
Drive System	According to the application		
Sound Level	70-85 dB		
Operating Conditions	-15°C ÷ 40°C ambient temperature		

MATERIALS

Body	Standard	Galvanized Steel and Hot Dipped Galvanized Coating
	Optional	Stainless Painted (Carbon Steel)
Wear Plates	Standard	Plastic
	Optional	Hardox
Belt	Standard	Antistatic
	Optional	Antistatic Nitril (Oil Resistant)
		Food Compliant (FDA Approved)
Bucket	Standard	Plastic (TAPCO)
	Optional	Steel Stainless Steel

COMPATIBILITY

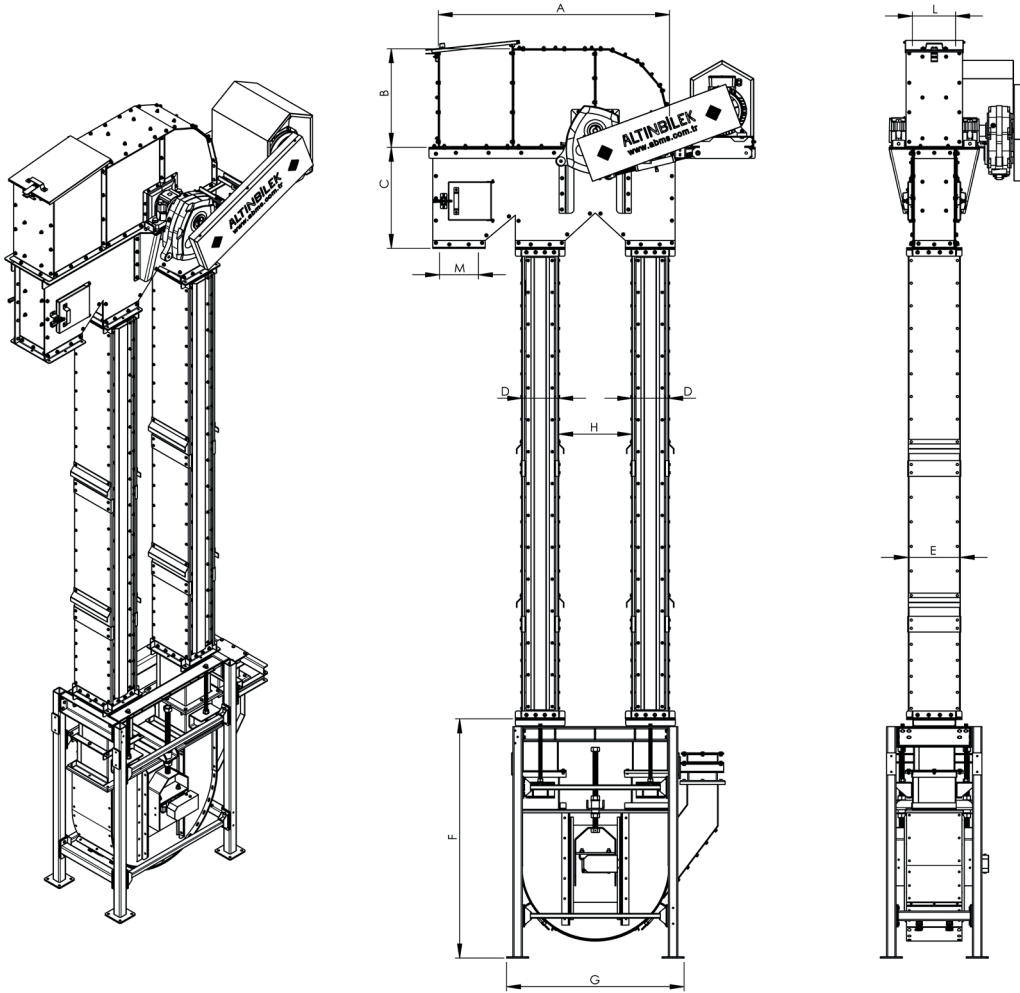
ATEX	Standard	Out of Zone
	Optional	Zone 22 - 21

NOTE: ATEX compatibility requires special requirements.



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MODEL	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	G(mm)	H(mm)	L(mm)	M(mm)
DAE50	1465	625	640	235	330	1520	1125	465	280	264x247
DAE70	1465	625	640	235	330	1520	1125	465	280	264x247
DAE100	1720	760	725	285	390	1685	1300	540	340	322x334

Designs and dimensions are subject to change without notice.