

## Bucket Elevators El-Type



## THE MOST EFFICIENT WAY TO VERTICALLY ELEVATE BULK MATERIALS

El-type Bucket Elevators are designed for vertical elevation of fine aggregates and minerals. They boast a sturdy structure manufactured from carbon steel, or 304 and 316 stainless steel upon request.

A large variety of belts and buckets, along with the wide range of options and accessories available, make El-type Buckets Elevators suitable for storage and processing of bulk solids in a number of industrial applications.

ATEX II 3D T4  
(135 °C) available FDA-approved



### Features

- Throughput rates up to 500 m<sup>3</sup>/h
- Discharge height (Hs) ≤ 45 m
- Temperature-resistant up to 180 °C
- Nominal elevation speed ~ 1.5 m/s
- Polymer or stainless steel buckets
- Oil-resistant, antistatic flame-retardant belts with fabric inserts
- Rubber head bucket carrier
- Cage foot roller
- Tensioning screw on foot roller section
- Finishing: hot galvanized or painted



De-dusting connection on head section



Service platform



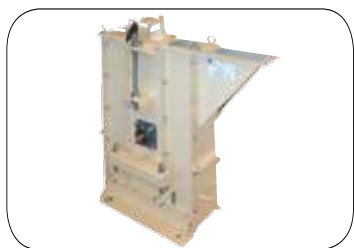
Wide range of buckets



Anti-wear shield



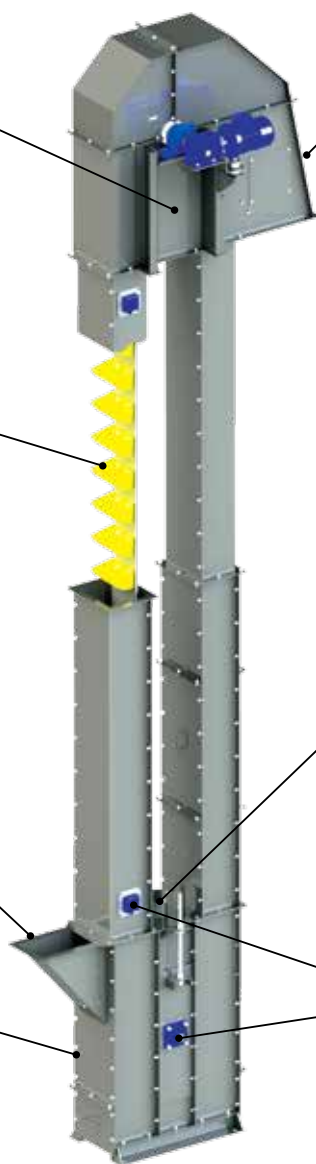
De-dusting connection on foot section



Low material residue foot section



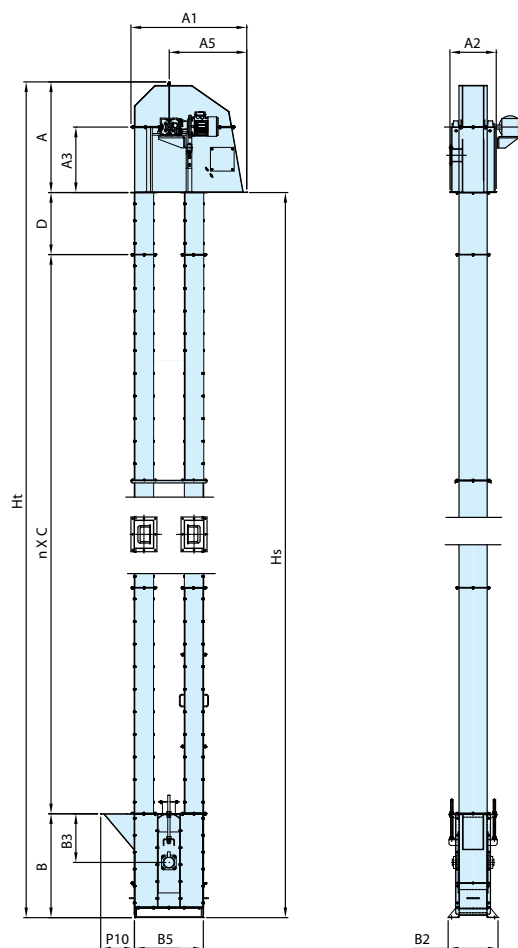
Anti side-skid and rotation sensor



## Benefits

- ✓ Easy installation ensured by reduced dimensions of modular components;
- ✓ Low maintenance;
- ✓ Wide range of accessories;
- ✓ Low energy consumption.

## Overall Dimensions



Type	m <sup>3</sup> /h	Hs (min ~ max)	Trunking section	A	A1	A2	A3	A5	B	B2	B3	B5	P10	C	D	N
EI08	4	3 ~ 45	145x145	765	822	345	460	548	753	310	370	484	273	2,000	500-1,500	Depending on Hs
EI09	8	3 ~ 45	145x145	765	822	345	460	548	753	310	370	484	273	2,000	500-1,500	
EI11	13	3 ~ 45	186x166	950	1028	390	580	687	923	384	430	610	329	2,000	500-1,500	
EI20	19	3 ~ 45	236x200	1,172	1,224	440	700	813	1,104	432	510	754	410	2,000	500-1,500	
EI21	27	3 ~ 45	236x200	1,172	1,224	440	700	813	1,104	432	510	754	410	2,000	500-1,500	
EI29	38	3 ~ 45	300x250	1,276	1,422	620	740	961	1,320	490	680	836	481	2,000	500-1,500	
EI30	52	3 ~ 45	300x250	1,276	1,422	620	740	961	1,320	490	680	836	481	2,000	500-1,500	
EI32	68	3 ~ 45	340x280	1,497	1,632	700	900	1,095	1,437	586	710	986	537	2,000	500-1,500	
EI39	87	4 ~ 45	430x340	1,730	1,896	810	1,020	1,299	1,670	700	860	1,110	598	2,000	500-1,500	
EI40	114	4 ~ 45	430x340	1,730	1,896	810	1,020	1,299	1,670	700	860	1,110	598	2,000	500-1,500	
EI41	135	4 ~ 45	525x340	1,835	1,980	962	1,095	1,330	1,806	782	960	1,230	650	2,000	500-1,500	
EI42	174	4 ~ 45	525x340	1,835	1,980	962	1,095	1,330	1,806	782	960	1,230	650	2,000	500-1,500	

Dimensions in mm

## Accessories available upon request

- Anti side-skid and rotation sensor
- Low material residue foot section
- Anti-wear shield in head and foot section
- De-dusting connection on head and foot section
- Service platform
- Additional dredging inlet
- Explosion panel
- Panel breakage sensors
- Temperature sensors
- Anti-locking sensors on foot section
- Centralised lubrication system
- Head section maintenance hoist

## Application



RONCUZZI®



WAM®



FLITECH®



MAP®



EXTRAC®



SPECO®



TOREX®



OLI®



RONCUZZI®



TECNO CM

**INQUIP**  
BULK MATERIAL  
& DUST HANDLING