



SATAREM Bucket elevator



Bucket elevator

Newsletter – March 2020

SATAREM has designed, manufactured and Will perform assembly supervision of its bucket elevator, it has a height of 16 meters and a capacity of 41.38 TPH. This important component of the transportation system in the white cement modernization project for one of our customers in Colombia.

Scope of supply.

SATAREM provides a complete set of equipment for the belt bucket elevator, including the shell, chain, bucket, bearing, head and tail pulley, access door, transmission device, transmission bracket, speed detector, level, proximity, temperature switch, protection device, anchor bolt, maintenance platform, matching flange for the inlet and outlet of the bucket elevator and all the parts meeting the technical parameter requirements.

Quality suppliers.

All our mechanical supplies have been characterized by managing the leading brands in the market at request of our clients, to guarantee the standards within each plant.

QA/QC Assurance.

All SATAREM bucket elevator parts, meet technical requirements and parameters to ensure that the equipment can function in long term safely and stable, also includes accessories, special maintenance tools and necessary spare parts for the proper equipment functioning.

Delivery time.

The elevator can be delivered within 60 days on FOB terms.

Main advantages:

- Optimization of transport times
- Decrease in operating costs
- Decrease in material losses
- Decrease in pollution generated in the transport process
- Ease of assembly

Technical Parameter		
Height	m	16
Capacity Opera.	TPH	41.83
Bucket volume	L	17
Bucket space	mm	304.8
Bucket width	mm	300
Main shaft speed	rpm	16.53
Chain speed	m/s	0.5
Reducer	Type	XWD11.0-7-1/35
	Power	Kw

Main features.

1. Overall reinforcement on both sides.
2. Add angle steel on the other two sides of the high lift.
3. Auxiliary reinforcement.
4. The strength and rigidity of the casing are greater.
5. Enough to bear the dynamic load of the whole machine.



Bucket elevator section view

SATAREM

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