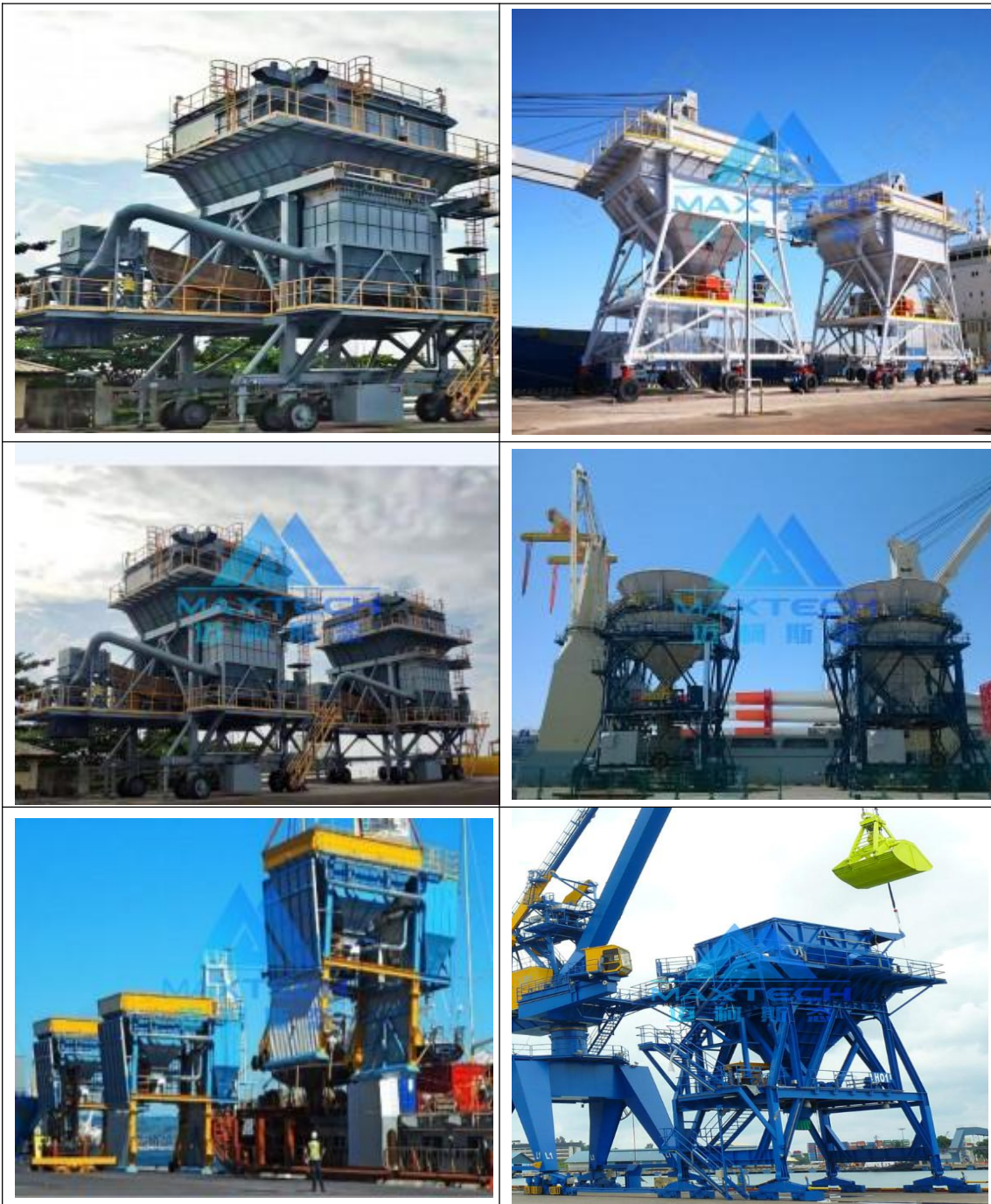


Dust Control Eco Port Hoppers

Cost-effective and environmentally friendly port hoppers for efficient handling of dry bulk materials



The MAXTECH Eco Hopper is an ecologically sensitive solution fulfilling all needs for the efficient unloading of dry bulk cargoes. The hoppers are designed to suit the characteristics and flow properties of virtually any bulk material. Rates of 5,000 tons per hour can be achieved, subject to grab crane performance. The throughput of the terminal can be increased by adding one or more hoppers, and ensuring that onward handling systems can accommodate the increased capacity.

Functions and characteristics

- Extensive dust control features (flex flaps, dust seals, dust control filters, air compressor)
- Multiple discharge options: to conveyor, to truck, via telescopic chute, through ancillary Material Feeder
- Multiple travel options: rail, static or pneumatic tyre mounted, or powered and towable travel
- Increased safety features (level detectors, strain gauges, structural design to withstand overload to top of skirt)
- Robust design (top shroud, grab impact grill)

Benefits

- Minimises dust escaping
- Adaptable to a range of onwards processing or logistics requirements
- Can be used on non-dedicated quays and moved off the area when not in use
- Flexible positioning to suit unloading vessel
- Ability to work with a wide variety of materials with differing characteristics

Pre-design Information - Collecting Table (click the download button for the editable version at the up right-hand corner)

Please send the filled up design data table to sales@maxtechcorp.com, our sales gonna reply you immediately.

1.Hopper			
No	Items	Requirements	Remarks
Top section (The hopper Cone)			
1	The Capacity of the hopper	? tons	
2	The volume of the hopper cone	? CUBIC METER	
3	The handling material	?	If the material density is know , please advise us ?

4	The top opening sizes(normally it depends on the max. Open sizes of the feeding-in grab)	?	MM
5	Do you need the TOP BUFFER inside the hopper cone ?	?	If the feeding-in grab is touch open type or the material has lumps , like rocks , it will require for a top buffer .
6	The open/close door type (outlet gate)	?	Electrical &hydraulic control or MANUALLY
Bottom section (The hopper legs)			
7	what's the max. height of the truck/vehicle(If it loads directly to conveyor , please advise the conveyor height and width? If load to truck, please help to confirm is the CLEARANCE FOR TRUCK. 4500 MM enough ?)	?	
8	The move type : -move on rail , solid rubber wheel, stationary	?	
Option items			
9	Operator cabin	?	
10	Remote control device		
11	Eco-system (dust-trap system)	?	
8	Diesel generator	?	
9	Others		Any special requirements , please state here
1.Grab (If matched with grab)			
No	Items	Requirements	Remarks
1	The volume of grab	? m3	
2	The connection type -- single hook or 2 ropes or 4 ropes	?	

3	The type of grab -- mechanical , touch open type or hydraulic remote control type or electrical hydraulic type	?	
4	Any other requirement	?	