

Environment-friendly dust controlled and cost-effective Eco hopper

The SSI ECO hopper is designed as a dust-controlled, grab or belt conveyor unloading hopper, is an economical and ecologically sensitive solution. It's a customized design to suit the property of any bulk materials. And fulfill all needs for the efficient import of dry bulk materials.

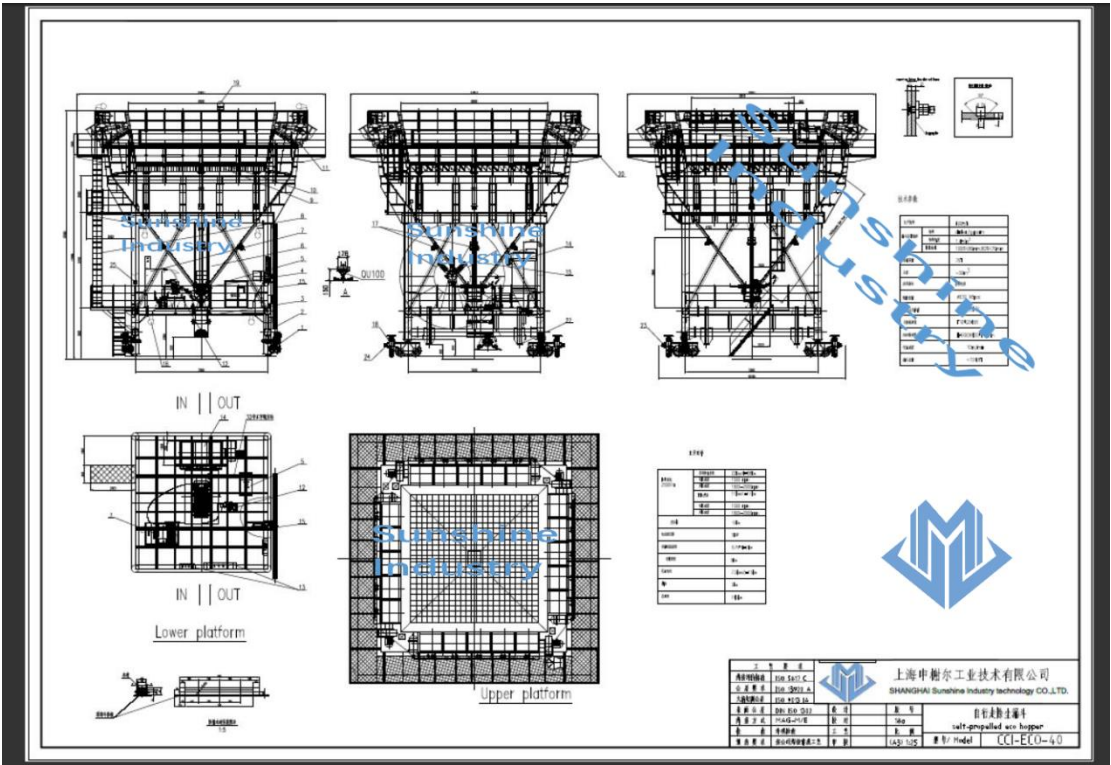
The SSI ECO hoppers are designed based on the client's specification requirement.

The environmental protection dust removal hopper, which comprises hopper support and a hopper body with a valve and a material guide groove under it. The hopper support is also provided with a dust removal component, and the dust suction port of the dust removal component is located directly above the ground belt conveyor. The utility model has the advantage that during the whole conveying process from the hopper outlet to the ground belt conveyor, the powdery materials are transported at a slow speed, and the dust removal components are added to absorb the scattered dust, which can greatly purify the air at the transportation site, ensure that the loading and unloading dust does not leak out and protect the environment.

Technical specification

output	500t/h
material	cement
density	1.3t/m ³
volume	50m ³
application	discharge to truck
pressure on each support landing	30t
full load of hopper	80t
size of discharge opening	500mm*400mm
power of fan motor	18.5kw*4
noise	less than 80 DB
travel speed	10m/min
power consumption	105kw
dead weight	95t

General drawing



Applications

story1



story2



story3



story4

