

Screw Elevator



It is a free standing mobile screw elevator with an integral loading hopper. A rotating paddle inside the loading hopper loosens the hopper contents and assists the feed into the tubular screw elevator section. The screw then elevates the material and discharges it into processing or packaging machinery as required.

Screw Elevator's discharge height, hopper capacity is able to be customized that depending on different powders' density and detail requests, suitable for flour, milk powder, starch, spices, ground coffee, instant drinks etc powder products' elevating application.

Performance and Features

- Simple structure, good sealing, large capacity, easy operation, material charging and unloading in multiple spot.
- Working temperature is -20~50°C, with material temperature below 200°C.
- ISO9001:2008, CE certificate, SGS report.
- Alternative conveying trough, including U and tubular shape.
- Totally-enclosed structure without causing any environmental pollution.
- Construction available in mild steel and stainless steel.
- Easy assembly and replacement of component parts.
- Easy maintenance and low operating cost.
- Multiple inlets and outlets.

Technical Data

Discharge Height	2-6m (it's customized as request)
Hopper Capacity	230L
Elevating capacity	3T/Hr
Voltage	380V/50Hz, 1ph
Power Supply	Drive motor 1100w; Vibration motor 68w