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Bucket Elevator SERIES # 6000

Function: To elevate products from ground level to a vertical elevated level.

Product: Various (Nuts, Grains, Confectionaries, etc).

Capacity: Up to 20,000 ltr./hr. for 5ltr bucket and 8000 ltr./hr. for 2ltr bucket.

Specification: Constructed from 304 Stainless Steel and food grade plastic components.

Requirements: 20amp3phase & neutral power, 6 bar water supply (optional), 6 bar food grade air supply (optional).

Consisting of:

Product will be delivered to the bucket elevator infeed chute by a feeding mechanism and the product will settle into the moving plastic buckets. Conveyor buckets will be either of the overlapping 5.0ltr capacity or 2.0ltr capacity.

The main chassis and bodywork are manufactured from 304 stainless steel, with stainless steel chains, sprockets and drive shafts to reduce risk of corrosion due to high salt levels with some product.

The lower section of the elevator will be fitted with covers. The customer has the option of either stainless steel or clear poly carbonate covers according to site preference. The infeed chute will include a stainless mesh to protect operators from moving components.



CIP System & Air Drying System (Optional):

Nominal 6 bar mains water pressure manifold and spray nozzles,

6 bar air manifold and nozzle dewatering section, Manual on / off valves and connections.

CIP systems are designed to assist with rinsing off the equipment between product runs and do not replace a regimented strip down cleaning programme.

Electrical Controls (Optional):

Electrical controls are available for this piece of equipment. Basic electrical controls includes: Stainless steel enclosure, Isolating switch, Start & E-stop push button, Re-set push button, Variable speed drive, Safety switches on hinged covers only.

