

Olds Vertical Elevators



Olds Elevator

The Olds Elevator is a revolutionary new concept for vertically elevating numerous types of bulk materials. With only one moving part – the outer rotating casing – the material is collected and efficiently elevated to the discharge point. Smooth and quiet in operation, the unit is able to infinitely vary the delivery rate from 0 to 100% of RPM and therefore become a very accurate metering device.

The rotating casing has two pick up scoops at the base which collect the product and admit it to the static screw inside the casing with centrifugal force keeping the product against the inner wall and the material is elevated as more product is admitted to the base. Adjustable guides centralize the rotating casing which is mounted in a bearing situated in close proximity to the drive.

Materials Handled

The Olds Elevator can handle a range of materials including: Foundry Sand, Casting Sand, Sugar, Coal, Flocculant, Fertilizer, Beans, Rice, Plastic pellets, Stockfeed pellets, Iron Ore lump and fines, Nickel concentrate, Hydrated lime, Quicklime, Flour, Wheat, Cement, SMBS, CMC and viscous slurries such as molasses.



Benefits of the Olds Elevator

There are a number of benefits to using the innovative Olds Elevator:

- Simple design with only one moving part requires a low spares inventory, and low maintenance costs
- Differing materials can be elevated without segregation
- Noiseless in operation
- Metering capability if driven by a VVVF controller
- Very small footprint enables easy retrofit in existing plants
- All bearings are external and have no contact with the product
- No dust generation due to the method of operation

Lime Systems offers Olds Vertical Elevators, an efficient solution for vertically conveying bulk materials in a safe and reliable manner. The Olds Vertical Elevator is ideal for transferring materials between floors or levels, and can be customized to fit specific application requirements. The elevator uses a series of buckets attached to a belt or chain that move along a vertical pathway to transfer the material from one level to another.

With a focus on safety and durability, Lime Systems ensures that the Olds Vertical Elevator is designed and manufactured to the highest standards. The elevator is constructed from heavy-duty materials that can withstand the rigors of continuous operation. It is also designed to meet strict safety regulations, with features such as guard rails, access doors, and emergency stops. Additionally, the elevator is customizable to fit specific requirements, with various options for bucket size, material handling capacity, and drive system configuration. The Olds Vertical Elevator is a reliable and cost-effective solution for vertical material handling needs in various industries.



Address: 133 Kurnall Rd, Welshpool WA 6106

Hours: Open 9am - Closes 5 pm

Phone: (08) 9259 8400

LIME SYSTEMS
BULK STORAGE SOLUTIONS