

Hi-Temp

heat expansion screw conveyor
handles materials at temperatures up to

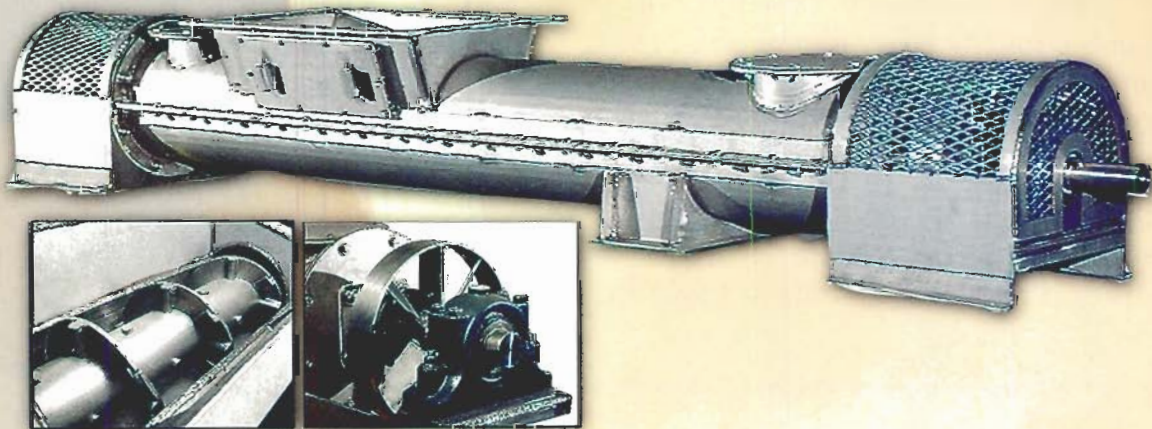
2100 DEGREES

The primary difference between our patented hi-temperature expansion screw and the conventional type is the method by which the flighting is mounted to the conveyor's pipe.

Our new design allows for the expansion and contraction, which plagues ordinary screw conveyors, yet it can deliver the required capacity using the same diameter conveyor, the same amount of horsepower, and the same RPM as in standard units.

The hi-temperature expansion screw conveyor can be installed wherever a conventional flight type screw can be used, with the advantage of not having to be concerned with high differential temperatures.

Among the advantages of the conveyor, compared to alternate approaches, are a decrease in processing downtime, a drastic cut in unit replacement due to premature failure, and the ability to install the conveyor in applications currently employing other types of conveying equipment.



thomas conveyor company®

555 N. Burleson Blvd., Burleson, TX 76028 USA • 800-433-2217
www.thomasconveyor.com

At Thomas Conveyor Company, we don't wait for progress...

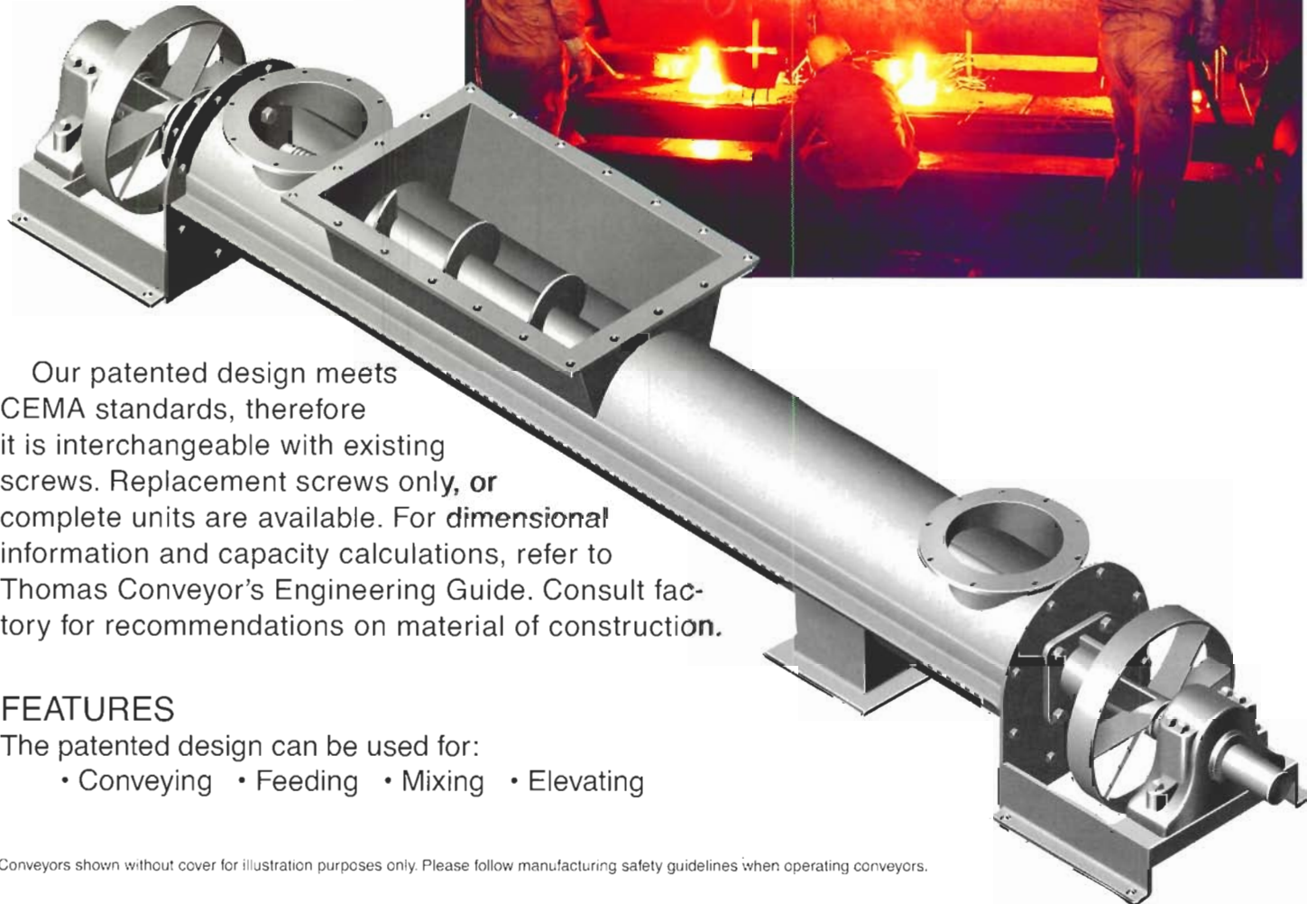
We Implement it!

Due to our patented design, the screw not only performs where conventional designs are more likely to fail, it will also potentially last 4 to 6 times longer. When moving bulk materials in high temperature environments, a Thomas Conveyor adds up to real savings.

APPLICATIONS

Include, but are not limited to:

- Hot Lime
- Hot Magnesium Oxide
- Charred Wood Chips
(Charcoal Briquettes)
- Feeding Fuel into Furnaces
- Hot Ash



Our patented design meets CEMA standards, therefore it is interchangeable with existing screws. Replacement screws only, or complete units are available. For **dimensional** information and capacity calculations, refer to Thomas Conveyor's Engineering Guide. Consult factory for recommendations on material of construction.

FEATURES

The patented design can be used for:

- Conveying
- Feeding
- Mixing
- Elevating

Conveyors shown without cover for illustration purposes only. Please follow manufacturing safety guidelines when operating conveyors.



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