



RIGID-FLOTM

Tubular Inclined Screw Conveyors

RUGGED 20' MODULAR TUBULAR UNITS FOR EASY INSTALLATION AND ADAPTABILITY

Rigid-Flo screw conveyors are built solid for long term operation, and come in 20 ft. modular units for easy handling and installations. Available in a variety of screw configurations, Rigid-Flo can move materials up inclines which range from 15° all the way up to 60°. Its tubular round trough and pitch design provides greater efficiency. One piece tubular design reduces gasketing requirements. Rigid-Flo's specialty designs offer a wide variety of options including: various steel thicknesses; drop bottoms for easy cleaning and split trough construction for accessibility.



**THE EXPERIENCE
TO HANDLE IT RIGHT!**TM

Screw Conveyor Corporation

Manufacturing Plants and Sales Offices: Winona, Mississippi; Visalia, California; Chanute, Kansas; Hammond, Indiana Sales Office: Atlanta, Georgia.

RIGID-FLOTM

TUBULAR INCLINED SCREW CONVEYORS

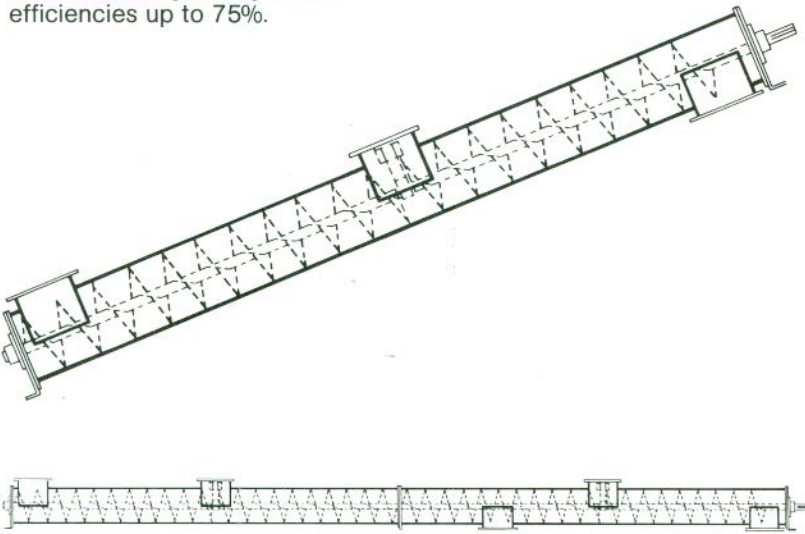
Rigid-Flo inclined screw conveyors are the economic choice in the movement of materials up grades and through confined space locations. Unlike alternative methods of material movement, Rigid-Flo conveyors can offer continuously controlled flow and are available in 20 ft. modular lengths for easy installation.

To obtain greater runs of conveyor, modules can be joined effectively using Nu-Weld[®] flanges.

Even at higher angles where efficiency may drop relative to amount of material moved, Rigid-Flo tubular screw conveyors are by far the best choice. In short runs where no intermediate hangers are involved, a 15° inclined Rigid-Flo Tubular Conveyor may reach efficiencies up to 75%.

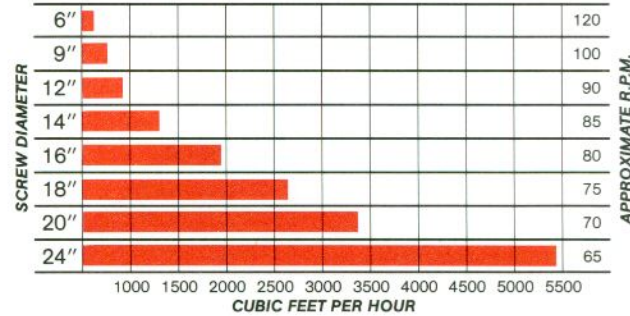
To assist efficiency, Rigid-Flo engineers have a series of accessories to overcome particular incline conveying problems. Tubular housing, short pitch flighting, no intermediate hanger bearings and higher speeds help in the design for your particular application.

In addition, Rigid-Flo application and development engineers can also help with incline, or alternative equipment suggestions if precise metering feeds and critical measurement is a requirement in material movement.

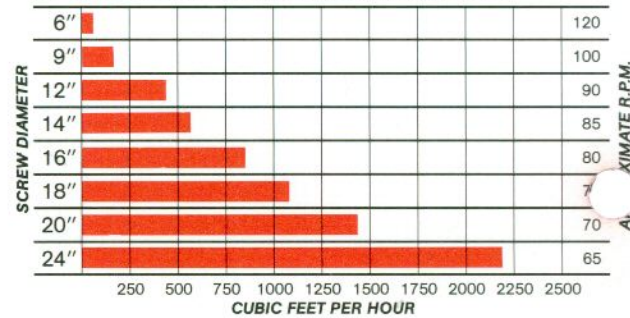


CAPACITIES

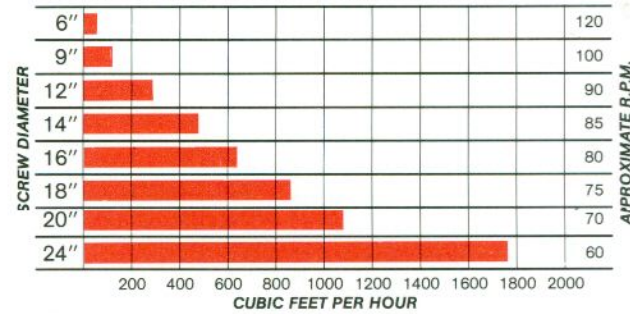
15° INCLINE 30% LOADING AT RECOMMENDED R.P.M.S.



30° INCLINE 30% LOADING AT RECOMMENDED R.P.M.S.



45° INCLINE 30% LOADING AT RECOMMENDED R.P.M.S.



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