



Thern Winches Give ThyssenKrupp Elevator of Spokane a Lift

The North American leader in elevator sales and service, ThyssenKrupp Elevator installs, maintains, modernizes and manufactures elevators, lifts and escalators used to move both passengers and freight from point A to point B. They can be found in buildings in virtually every corner of the United States and Canada, as well as around the world.



The materials used to construct an elevator can be very heavy and often need to be maneuvered within compact hoist ways in buildings of varying heights. It is unlikely that anyone would volunteer to move a piece of equipment weighing up to 3,000 lbs. to the twentieth story using the stairs. So how do the materials get to where they need to be during the installation of the elevator?

ThyssenKrupp Elevator of Spokane, Washington lets a Thern Series 4WS Worm/Spur Gear Power Winch do the heavy lifting for them. They use the winch inside buildings and hoist ways to install rails, machines, overhead beams, car frames and other miscellaneous heavy materials needed to install traction and hydraulic elevators.

“Just about everything in the elevator industry is

heavy (a lot of back injuries),” says Darin Crosby, construction superintendent for ThyssenKrupp’s Spokane office. “So hoists that have a lot of speed, which Thern’s does, save a ton of time.”

Years ago the team at Spokane had been using an old fashioned system of rope blocks and other primitive processes to lift their heavy materials. These methods are time consuming and generally not as safe as using a winch.

Later they began borrowing a Thern winch from ThyssenKrupp’s Portland office and found it so much easier to use than their previous methods that they decided to purchase one of their own.

The winch model they chose was a Thern Series 4WS Worm/Spur Gear Power Winch with a 4,000 lb. load rating, line speed of 10 and a 230 volt single phase motor. They use it mostly for installations of traction elevators in 10 to 20 story buildings where the need for a heavy-duty power winch is the greatest.

Standard features of the Thern Series 4WS Worm/Spur Gear Power Winch include TEFC brakemotors, enclosed machine cut gearing, flange style ball bearings and a 2-year limited warranty. The brakemotor is rated for continuous duty in ambient temperatures up to 104° F.

ThyssenKrupp of Spokane estimates that they’ve used the winch about 100 days throughout the year since they purchased it.

“I would highly suggest it to anybody,” says Crosby. “It was a good investment.”

