



Rulmecca Motorized Pulleys Installed in Cline Resources Underground Coal Mines

Cline Resources recently added more "EZMP" dual drive systems to their inventory of Rulmecca Motorized Pulley conveyor drives.



Rulmecca Motorized Pulleys were tested at Macoupin Energy's Maryan Mine in the Illinois Coal Basin in 2010.

After verifying the reliability of the compact dual drive at their West Virginia and Illinois mines, the coal producer decided to install the system at multiple mines.

The trial consisted of moving 1,200 tph of ROM coal at 600 fpm on a 48" wide conveyor belt with two 75 HP model 630H Rulmecca Motorized Pulleys, nested into a special frame by Kerco, Inc. of Madisonville, KY.



Rulmecca's AC motor and gearbox, hermetically sealed within the oil-filled Motorized Pulley shell, offer high reliability and low maintenance requirements.

The EZMP drive system was tested on conveyors which extend from 800' to 1,200' long to accommodate the movement of the continuous miners. With a 24.8" diameter and a 55.12" face width, the model 630H Motorized Pulley has a narrow footprint. And each 75 HP drive only weighs 2,200 lbs. The drive's compactness and light weight are advantageous when moving belt conveyors in restricted spaces.

Todd Leverton, Maryan Mine superintendent, said, "I first heard about the Rulmecca Motorized Pulleys several years ago, but didn't have a chance to try them until recently. I'm happy we've incorporated these drives into our mine because their reliability and low maintenance



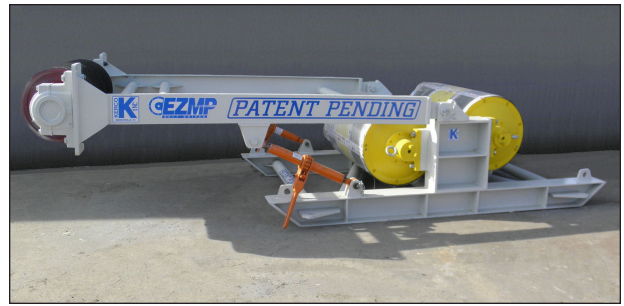
Todd Leverton, superintendent of Maryan Mine

requirements will help us maintain our aggressive production rate. We have a great esprit de corps at the Maryan Mine. We produce 9 tons of 11,000 btu coal per man-hour with two continuous miners. We're very proud of that."

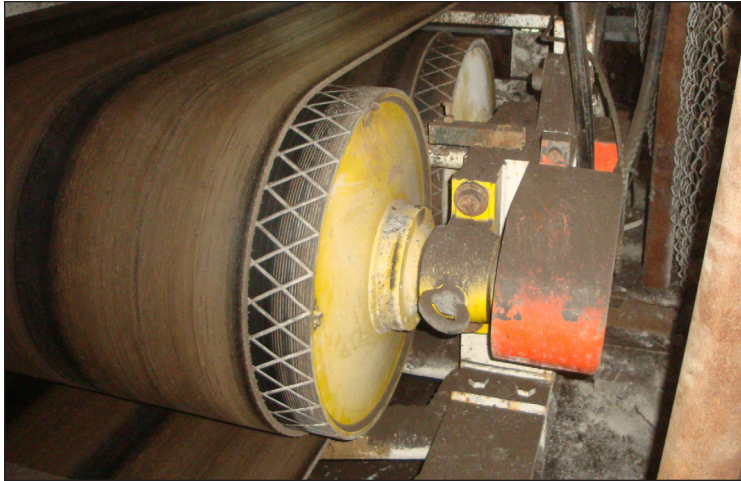


Two 75 HP Rulmecca Motorized Pulleys in "nested dual" arrangement move 1,200 tph of ROM coal at 600 fpm on 48" wide 1,200' long underground conveyor belt. Note the absence of external motor, gearbox, and pillow blocks. All mechanical components are hermetically-sealed within the pulley's oil-filled shell.

"We've been actively promoting Rulmecca Motorized Pulleys since the early 1990's," said Kerco's president, Chuck Reed, "but it wasn't until our company packaged Rulmecca Motorized Pulleys into our EZMP Dual Drive (patent pending) in 2008 that we began to see significant interest from coal producers." With underground coal mines in three states now using the dual drive system, Rulmecca has invested in stock to decrease production lead time to serve US coal mines.



Built for underground coal mines, Kerco's 150 HP drive includes two 75 HP Rulmecca Motorized Pulleys and may be mounted to mine floor or ceiling. Optional boom converts system from booster to discharge end drive.



With 24.8" diameter and 55.12" face width, model 630H Motorized Pulley has narrow footprint. Each 75 HP drive only weighs 2,200 lbs. Drive compactness and light weight are advantageous when moving conveyor in restricted spaces below the earth's surface.

Developed in 1953 in Europe, Rulmecca Motorized Pulleys offer mines and prep plants an optimal alternative to exposed drive systems with diameters from 5.5" to 40", powers up to 330 HP, and belt speeds up to 1,320 fpm.

Since they enclose all drive components within an oil-filled and hermetically-sealed pulley shell, Rulmecca Motorized Pulleys increase system reliability, lower maintenance expense, improve personnel safety, save space, and reduce power consumption. For more information, contact Mike Gawinski, Rulmecca Corp., Wilmington, NC, at 910-794-9294.



**20 Million Tons,
No Problem**



Available up to 330 hp

Compact

Self Lubricating

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Rulmecca Motorized Pulleys,
the world's most powerful since 1953.



RULMECCA CORPORATION

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