

Material Handling

RACO Electric Actuator in brown coal mining

Open cast brown coal (lignite) mining is a principal source of energy accounting for a quarter of the total power generation in Germany. This has given rise to the intensified application of measurement and control techniques in the handling of bulk materials. To fulfil the constantly rising demands expected of process control, and at the same time ensure economical and competitive transportation of bulk materials, RACO supply electric cylinder actuators for simple implementation of highly effective drives.

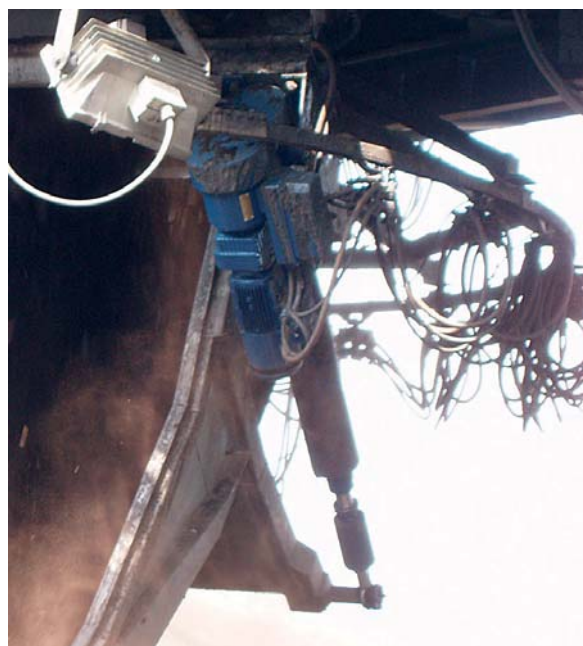
Electric cylinders are available that fulfil the specific requirements of widely differing functions (belt height adjustment, baffle flap adjustment, revolving chute adjustment) and automation systems.

The robust devices from the unitized system have been designed for the toughest operating conditions, yet still guarantee the ultimate in positioning accuracy. Many thousands of RACO electric cylinder actuators have proved their worth as highly accurate and reliable units under extreme operating conditions such as heat, cold, dust, moisture and vibrations.

This assures operators a high measure of availability to boost throughput rates and increase power savings in switched operation and a long, dependable service life as a result of superior quality standards.

Technical data of the electric cylinder:

Type:	T1N6
Thrust:	F = 20 kN
Stroke:	h = 1000 mm
Speed:	v = 30 mm/s
Drive:	three-phase motor 3 x 690 V, 50 Hz IP65 special seal 2 limit switches



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