

Elgi powers world's third largest shipyard



Elgi has recently won a turnkey contract to supply the complete compressed air system for Pipavav Shipyard Limited. Elgi will deliver two stage tandem compressors as a major source of compressed air at the Shipyard.

Pipavav Shipyard Limited is a major ship building and offshore fabrication company in India. Pipavav is currently setting up an integrated shipbuilding facility which can build ships as large as 300,000 dwt (dead weight tonnage) tankers, or aircraft carriers. Once commissioned, Pipavav would be the third largest primary shipyard in the world.

Typically shipyards require a high amount of compressed air for its day to operations. Therefore, Pipavav has selected Elgi Tandem compressors that are highly competitive in terms of energy saving. The tandem range could save them 11-13% of the current energy use, achieved through number of innovations, including slower rotation speeds in the premium airend rotors and intelligent controls. Elgi's extensive experience from similar projects in the past also proved crucial in winning this order.

Compressed air is primarily employed for on-site painting, sandblasting and interior fitting of the ship through pneumatic operations. Available in capacities ranging from 100 – 215 HP with 405 to 1085 cfm, the Elgi Tandem heavy-duty compressors are widely used for all kinds of pneumatic applications in the shipbuilding industry. The compressors provide smart solutions for operations in fluctuating seashore conditions.

With more than 40 years' experience and know-how in the design of rotary compressors, Elgi has become established as a competent partner for the shipbuilding industry. Through this order, Elgi has provided total turnkey solutions including entire plant piping and electrical wiring, apart from air accessories.

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