

## Compressed Air to the 'Tasty' leader



Cho-Heng colour sorters activated by Elgi compressors

**With an indisputable reputation for quality, built over the years, ELGI has increased its scope in the rice processing industry by providing sorting solutions through oil free compressed air to Thailand's leading Noodle brand – "Cho Heng"**

In the recent years, technology has revolutionized the processing of rice, so much so, that even in the sorting stage, highly advanced machines like colour sorters are incorporated. These sorters have been applied to remove discoloured grains from white rice.

Colour sorters use camera-based systems to view the rice grains at varying wavelengths. With a shot blast of compressed air from an ejector, the offending grains or impurities like small stones are whooshed out of the stream of rice into another receiver.

The quality of compressed air used to eject the contaminants is crucial to this process. An efficient ejection system maximizes product yield by allowing an absolute minimum of good grain in the rejected product. The compressed air needs to be oil and moisture free for it comes into direct contact with the rice and also because it can affect the life of critical components like the ejectors of the sorter machines.

Cho Heng Rice Vermicelli of Thailand is the world's largest exporter and technically advanced manufacturer in the rice products industry. The company produces 100,000 tonnes of rice products per year and the Cho Heng brand offers eight varieties of vermicelli and noodles. The Cho Heng factories rely on a battery of Elgi compressors for all their compressed air requirements.

Where accurate sorting of particulates is a problem fundamental to the rice processing industry, Elgi's screw air compressors has played a key role in improving the process of rice sorting the world over. With rapid industrialization, the demand for sorter machines in the rice industry is bound to increase and Elgi, as always, would stay ahead by providing customized compressed air solutions to suit such specific requirement