

# Compressor upgrade for heavy industry

Champion Compressors has launched its upgraded variable output compressor (VOC) series. Champion claims the redesign has further enhanced its ruggedness for use in heavy industrial applications, employing a direct-coupled gear-drive system which it is claimed is perfect for harsh, dirty and aggressive environments.



Utilising fully compliant MEPS II high-efficiency motors, the upgraded series is available in 55kW to 250kW models with free air delivery capacities of 10.1 cubic metres per minute, to 43.7 cubic metres per minute and operating pressures of 7.5, 10 and 13bar.

The series utilises reportedly state-of-the-art flexible drive couplings, which facilitate coupling replacement, thereby reducing maintenance downtime, claims Champion. It features an ambient temperature rating of 50deg celsius specifically designed to meet the rigorous demands of heavy industry. The VOC series is fully customisable through a wide range of standard production and end-user specified options, to suit almost any application and environment, it is claimed.

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