

NEW ROAD-GOING TROMMEL USES BALDOR•DODGE® BEARINGS TO SIMPLIFY ON-SITE MAINTENANCE

Stalex Construction Equipment, manufacturer of the renowned Hercules range of trommels, has standardized on Baldor•Dodge Imperial™ ISN mounted spherical roller bearings for its new HT182M road-going trommel. Launched at Hillhead 2010, the HT182M is already generating a very high level of interest in the quarrying industry. In fact, Stelex sold two machines during the course of the event, to customers from Australia and the USA.

One of the major features of the new stone cleaning and sizing machine is deployment flexibility, thanks to the design's incorporation of a low loader trailer. Aside from deployment flexibility, one of Stelex's key design parameters for the new trommel was ease of on-site maintenance. The company therefore chose to standardize



Stalex Construction Equipment, manufacturer of the renowned Hercules range of trommels, has standardized on Baldor•Dodge Imperial ISN bearings for all the main rotational load-bearing parts on its new HT182M road-going trommel.



The company chose to standardize on the Baldor•Dodge Imperial ISN bearing because it's easy to install and easy to maintain.

on Dodge Imperial ISN bearings for all of the machine's main rotational load-bearing parts. These bearings use a patented thin-wall push-pull adapter system, which can be either metric or standard inch sizes, and achieves clearance setting without the use of feeler gauges. The bearing

can be installed or uninstalled simply by turning a locknut clockwise or counterclockwise.

According to Stelex's managing director, Richard Evans, "Every Baldor•Dodge Imperial ISN bearing does what it says on the box – it can be installed and

uninstalled in less than 15 minutes. What's more, the bearings can be fitted without specialist tools and are supplied pre-lubricated and fully sealed, making them perfect for on-site maintenance purposes. Not that they need replacing very often – we are getting in excess of 10,000 hours of service, which is a very good figure, especially given the aggressive operating environment. We currently use 90 mm Imperial ISN bearings – there are eight of these on the HT182M, which are contained in ISN pillow blocks – but we are also looking at using the 140 mm models on larger trommels in development."

The HT182M road-going trommel is the ideal solution for cleaning and sizing quarried stone, regardless of location. The machine's integrated low loader trailer enables it to be driven to the exact point of need on-site. It is capable of handling blasted, ripped or as-dug material, and can process up to 500 tons per hour. Typical applications include quarry overburden cleanup and the removal of fines prior to crushing.