New Personnel at Ogura Industrial

Mike Garvey recently joined Ogura Industrial as the Mobile Products Manager. Prior to joining Ogura, Mike spent 23 years with Warner Electric. Over the past few years he was the National Market Manager for the mobile off-highway group in charge of both sales and application engineering personnel.

Mike’s experience in the mobile related industries will help Ogura to better serve our customers from both a sales and application support functions.

New Sales Representatives For Ogura Industrial

V.E. Brackett has taken over responsibility for representation of the Ogura product line in Florida, Mississippi, Alabama, Western Tennessee and southern Kentucky. V.E. Brackett has been in business for 26 years. They have five outside salesmen and eight inside sales people to help service customers. They also have warehousing capability and can stop product for local delivery to customers if required.

With an average experience of 12 years, V.E. Brackett will be an asset for both Ogura and their customers.

For more specific information on which exact salesmen covers each territory, please refer to the Ogura web site.

PartSpec Releases Ogura Industrial Drawings On CAD

To get CD information into the hands of engineering faster, Ogura Industrial decided to participate in PartSpec 3.0, which was released in February 2000.

A popular CAD software program world-wide is AutoCAD. Users of the AutoCAD system received a supplemental CD, called PartSpec.

This CD has pre-drawn CAD drawings of standard component parts (gearboxes, couplings, bearings, bushings, drives, etc.).

Ogura engineering made up approximately 150 CAD drawings for the PartSpec program. In addition to the AutoCAD files on PartSpec, complete technical information on the industrial clutches is also included in PDF form.

If you do not receive PartSpec for AutoCAD, Thomas Register also has PartSpec included as part of their CD-ROM package. If you do not receive either of those, you can download the Ogura DXF drawings for free right off the Thomas Register website at www.thomasregister.com.

Applications For Ogura Clutches On Vacuum Excavation And Extraction Utility Service Equipment

Maintenance on utility service lines in metropolitan areas is being done differently than just a few years back. In the past, after breaking up the road surface or sidewalk, the excavation was done with back hoes. But with today’s complex tangle of phone lines (fiber optic, copper wire and natural gas lines), the risk of damage and cost of repair (not to mention the man hours required to disconnect thousands of phone lines) can be very expensive.

Today, utility service lines are exposed with the use of vacuum excavation equipment. These trucks have vacuum blowers, which create a suction inside a holding tank. These tanks have 6”, 8”, or 10” diameter suction hoes connected, which vacuum up the loose soil and rock. To break up sub soil, these trucks often have high pressure, low volume, positive displacement pumps for high pressure (12,000-psi) water, which is used to break up the sub soil and rock. The loose debris is then sucked up into the truck’s holding tank. These holding tanks often have a tilt base to dump the material back into the hole after the work is done. The high pressure loosens the soil around the utility lines without damage to the lines themselves. (This machine also works well when searching for gold and buried treasure.)

The two applications for clutches on this type of equipment are on the vacuum pump, typically around 25HP, and the high pressure water pump. Workers can shut off the vacuum while loosening the soil, then turn off the water pump, and turn on the vacuum pump. This gives both energy savings and extends the life of both pumps.

Ogura Industrial has applied our 250 ft lb. general purpose clutches to vacuum pump applications. One customer, who required more torque, has recently moved to the Ogura MMC series, which drives off the truck’s PTO drive shaft.

The second application is for a mobile clutch to drive the high pressure water pump. In the past, customers used to purchase a separate clutch and pump but now this package is usually provided by the pump manufacturer.

This application is a take off of the old sewer clean out trucks. The use of Ogura clutches helped to modernize this application, providing the end user energy and cost savings.