



## OGURA ANNOUNCES NEW MANUFACTURING PLANT IN INDIA

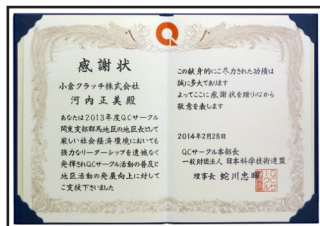
*Haryana, India*

Ogura Clutch Company has announced that they will build a new manufacturing facility to support the growing automotive manufacturing market in India. The new subsidiary will be called Ogura Clutch India PVT. LTD. It will officially start its operation this month (June of 2014). Initial investment for the facility is approximately \$33 million. The plant will be located in the state of Haryana which is in the northern part of India. Until the plant is completed, production will take place in a leased facility. Full production is not expected until the fall of 2015. The plant will primarily produce clutches for Japanese compressor manufacturers for the automotive industry. Initial production is targeted at around 100,000 clutches per year, but by 2017, expected quantity should double to around 200,000 per year. Once the automotive air conditioning clutch production is well established, the facility will then start producing other types of clutches and brakes for industrial and other mobile applications. ●

## JAPAN SCIENCE ALLIANCE AWARD

*Akabori, Japan*

This past quarter, Mr. Kouchi of Ogura Clutch Japan received a recognition from the QC Circle headquarters in Tokyo (The Japan Science Alliance). Mr. Kouchi was given the award because he is the regional head of QC Circle in Kiryu. The award noted that he exhibited strong leadership despite the tough economic situations in the past. His leadership contributed to the growth of the QC Circle in the Kiryu area. ●

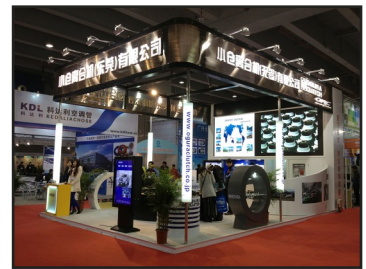


*Japan Science  
Alliance Award*

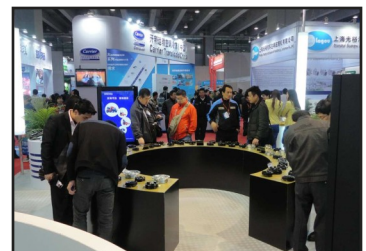
## OGURA EXHIBITS AT GUANGZHOU INTERNATIONAL AUTOMOTIVE A/C SHOW

*Guangzhou, China*

This year is the 7th year in a row that Ogura China has exhibited at the Guangzhou International Automotive Air Conditioning and Cold Chain Exhibition. Besides automotive air conditioning clutches, garden tractor clutches, industrial clutches and brakes, micro clutches, racing clutches, elevator brakes and super chargers were also shown. By showcasing this wide variety of clutches and brakes, Ogura China was able to show the attendees that Ogura is a world leader and an all-embracing clutch and brake manufacturer. It was noted that most of the companies exhibiting at the show that had clutches on display were primarily repair companies or distributors. There were only two other manufacturers of electromagnetic clutches at the show.



*caption*



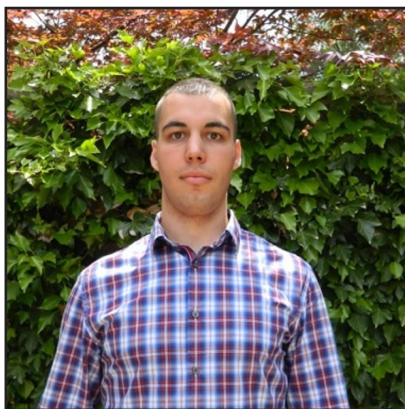
*caption*

In recent years, production and sales of automobiles in China have seen record growth. In proportion to the overall economic growth, the number of automobiles in China has grown significantly. In the past, consumers were willing to buy cheap parts and then replace them when they fail, but this trend is changing in China. Just having a low price is no longer enough, customers want products that last so the consumer trend is changing and Ogura's products will match the needs of this changing market. ●

# Ogura Sales Rep Profile

## Brian Weihs Summit Agencies

**M**y name is Brian Weihs, I recently joined the team at Summit Agencies as the local representative here in beautiful British Columbia. I'm originally from Toronto where I grew up, went to school, and started my life as a technical outside sales representative. I've always lived an active lifestyle with hockey, running, and mountain biking as my main sports. Through my passion for mountain biking and spending countless hours in the shop working on bikes, I was always drawn towards how the components are designed and manufactured. This led me to obtaining my advanced diploma in mechanical engineering technology. I enjoyed my time in school but realized that I didn't want to sit in front of a computer everyday working on CAD models. So, after college, I obtained a sales engineer position for a manufacturer of standard machine components. This allowed me to work with OEM's across Canada and learn about the varying industries in each province. Joining Summit Agencies and taking on the province of British Columbia was a perfect fit. Summit has a strong presence in Western Canada where they're at home in all major industrial sectors. They've also built up valuable relationships with distribution channels as well as the OEM and MRO markets throughout the years. These components coupled with their team of very knowledgeable and supportive sales representatives has helped make my time here at Summit very enjoyable. It also doesn't hurt that British Columbia is home to some of the world's greatest mountain bike trails. Living at the doorstep to the incredible nature BC has to offer, surrounded by amazing people and working with an outstanding company, I honestly couldn't be happier. ●



*Brian Weihs*

## ISO TRAINING

### *Akabori, Japan*

**I**t has been over ten years since Ogura was ISO certified. This year 99 managers attended seminars at both the Akabori facility and Ogura's industrial production facility in Kiryu, Japan. The seminar was led by Mr. Matsumoto of Ogura's Quality and Environment Department. The main topics were ISO9001 and the overall picture of Ogura's QMS (Quality Management System). The seminars will help to make sure the managers know and understand their daily responsibilities regarding ISO requirements and the overall flow of Ogura's QMS. ●



*ISO Seminar*

## OGURA RECERTIFIED FOR ISO/TS16949

### *Kiryu, Japan*

**I**n March, Lloyd's Register of Quality Assurance (LRQA) conducted an audit of 20 different Ogura departments for recertification for ISO9001: ISO/TS16949. Ogura passed the audit, although there were some minor non-compliant incidences found. These will be corrected and Lloyd's Register will revisit those departments in June.

Overall findings were that there needs to be a higher level of understanding of the ISO rules established by Ogura, more of a sense of responsibility for carrying out the ISO guidelines and a better maintenance system. Next year, all departments will have to pass the audit with the newly revised and more stringent audit rules. For those departments that weren't audited this year, a copy of the report and instructions were sent to those departments for re-self-examination of their operations to make sure they are following ISO guidelines according to the quality manuals, quality regulations, procedures and parallel development improvements. ●



## Application Story

# ADVANCED DOOR LOCKING SYSTEM USES NEW MICRO CLUTCH TECHNOLOGY

**M**odern door locking systems no longer require a key because opening and closing take place electronically.

Motorized door locking technology is combined with intelligent control technology to guarantee maximum convenience and security. There are many interface options for opening doors: access with a numeric code, fingerprint, scanners, and transponders are preferred options. Recent technology has made it possible to lock or unlock a door with your Smart Phone. Your phone is the only key you need and you can lock or unlock your door from any place in the world!

Access Technology, a Danish company that specializes in advanced door locking systems, has chosen Ogura's MIC-T micro clutch as a part of their motorized door locking system. The Ogura micro clutch is able to engage and disengage the motor drive to allow either manual or motorized activation. The new motorized lock can augment an existing standard key lock system.

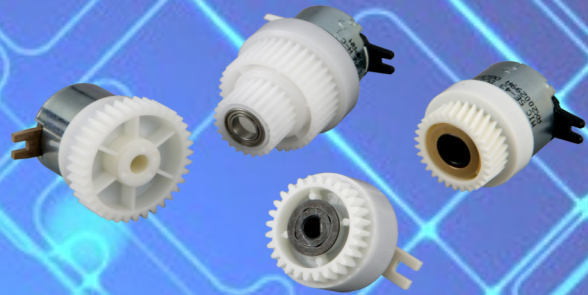
This system is being used successfully by Danish homecare companies.

The new motor lock is installed in private homes of care-dependent people. This helps the caregivers by providing convenient and safe access to the outpatient care homes at any time, especially in case of a medical emergency.



*Clutch Gearbox and Motor*

In the manual mode, the clutch is disengaged, so a user can simply turn the knob to lock or unlock the door. In the automatic mode, a motor drives a small reducer going into the clutch, and in turn, the clutch drives the gearhead to either a locked or unlocked condition.



*MIC Micro Clutches*

Access Technology chose the Ogura MIC-T clutch because of its small size, low cost and light weight.

Other customers using the Ogura MIC-T clutches are also enjoying the benefits of smaller size, lower cost and lighter weight. In some cases, the costs are almost half of previous micro clutches. This is very important for manufacturers producing copy machines, printers, scanners, cash dispensers, ticket machines and other peripheral devices. The clutches have achieved the cost and weight reduction by changing basic clutch construction by utilizing a design comprised entirely of plastic and powder metal. Clutches are supplied with standard 24VDC coils, lead wire, and terminal. The new clutches are available with either a customer specified gear or a dog hub output which allows customers to purchase one clutch and then incorporate a number of different gears for their various needs.

Ogura is proud to be a part of Access Technology's new door locking system. Our reputation for high quality electric clutches made us the supplier of choice where reliability and dependability are not options but expectations. •

<http://acct.dk/care-access-video.htm?tId=213>)



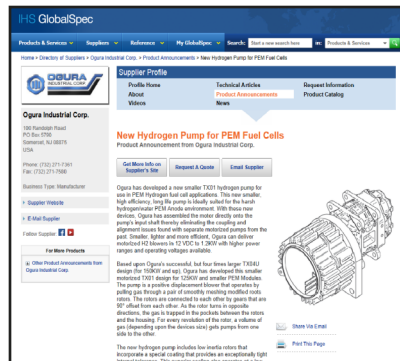


## Ogura in the News

### NEW PUMP/MOTOR ANNOUNCED FOR FUEL CELLS

*GlobalSpec, Ogura*

In the May issue of the Battery and Fuel Cell Newsletter from GlobalSpec, Ogura announced a new motor pump for moving wet hydrogen in a fuel cell application. The new motor pump also can be supplied with an optional controller. This smaller, lighter and more efficient pump can deliver 1.2 kilowatts at 12 volts DC with higher optional power ratings available. •



*Global Spec Newsletter*

### CHUCK MILLER AT KENTUCKY MOTOR SPEED WAY

*Sparta, Kentucky*

In April, Chuck Miller attended the Ford Fan Appreciation Day at the Kentucky Motor Speedway. All types of racing mowers were shown at the speedway, but unlike the normal



*Chuck Miller on the raceway*

serpentine mower race, the mowers this day ran a straight quarter mile. Although they weren't competing, lawnmower racers that wanted to try, were welcome to run

the quarter mile legend car track straightaway where Chuck Miller reached speeds of 64mph. •

### LIFE-SAVING RESCUE TOOLS AT WORK

*Design, News*

The May issue of Design News featured an article showing how Ogura brakes are used in the PowerHawk life-saving rescue tools. The article explained how the rescue tools are used in environmentally challenging conditions for mechanical products and how modifications to the Ogura brake help the tools to function in these challenging environmental situations. The article also showed how the PowerHawk rescue tools can be combined with another Ogura customer's robots and how both products combined help law enforcement agencies neutralize potentially hazardous situations. •



*Article in  
Design News*

### BOBBY CLEVELAND POSES WITH BOMB DETECTOR ROBOT

*Concord, North Carolina*

Lawn mower racing champion, Bobby Cleveland attended the Nascar Coca-Cola 600 in Concord, NC May 22-24th. Bobby, on his Ogura Clutch machine, had the opportunity to pose with a bomb detector robot. •



*Bobby Cleveland at the Charlotte 600*