



OGURA CLUTCH PHILIPPINES GROUNDBREAKING CEREMONY

Province of Batangas, Philippines

Last quarter, a ground-breaking ceremony for the relocation of Ogura Clutch Philippines factory was held at the construction site of the LTC industrial park.

On the day of the event, President Ogura, Managing Director Akiyama along with nine other managers of the Ogura Group, and a few representatives of other companies totaling twenty people attended the ceremony.



New plant rendering



Groundbreaking

After the ground-breaking ceremony, there was a luncheon during which the 3D video of the new factory along with the presentations from Ogura Clutch company were shown. The new OCP factory has a site area of 173,772 ft² and a factory area of 76,434 ft². It should be completed by September 2023.

The ceremony started with the Christian prayers, followed by traditional Japanese rituals for the occasion, and ended by a Filipino ritual of sacrificing a goat (seriously).

ISO14001 PERIODIC RENEWAL AUDIT

Kiryu, Japan

Last quarter, Ogura Japan underwent the ISO14001 renewal audit that was done on-site and remotely. The auditing company has been changed to BSI Japan Co., Ltd. The audit resulted in two minor nonconformities, and 31 opportunities for improvement. The suggestion for improvements included 9 items in operational planning and management, 8 items in environmental aspects, and 5 items in emergency preparedness and response, along with 11 others.



ISO14001 Inspection

As for minor non-compliance, one case was related to the evaluation of compliance with the list of matters applicable to environmental laws and regulations, and one case was related to the operation of the SDS confirmation sheet.

One of the opportunities for improvement was regarding the disposal method of light tubes. Currently, it is stored by leaning them against a disposal container, but there is a risk of damage to the light tube due to contact with the container or contact with the outside of the exposed part. For more appropriate management, installing a dedicated container for used light tubes will be implemented.

Environmental management departments at each plant are working to make a plan for improvements that will then be implemented throughout the company.

Ogura Sales Rep Profile

Tom Ketchum
Aloha Sales Corporation

Hello! My name is Tom Ketchum and I am the Sales Rep for California, Arizona and Nevada. I have been on board with Ogura for 12 months, beginning in January of 2022. I started Aloha Sales in 2000, after being a Heavy-Duty Truck Parts Warehouse Distributor for nearly 30 years.

Yes, I have been doing this for a long time! I was no stranger to Ogura, as when I was in parts distribution I did a lot with Mobile Air Conditioning and Clutch Mounted Hydraulics on trucks. We used Ogura clutches on all these applications. However, what I was not aware of was the vast array of products and markets using electromagnetic clutches and brakes. It has really been an eye-opener working with Fred Cacace and visiting such a diverse group of OEM's who use our products.

I attended Long Beach State University and received a degree in Industrial Education. I then went on to work in our family Truck Parts Warehousing business, which was sold in 1998 and then started my second life as a manufacturer's rep. It has been a great life and still enjoy the thrill of making a deal. But I really enjoy all the great people I get to know in the business, both customers and the companies I represent. I recently went to the last GIE Show in Louisville and had the pleasure of meeting so many of our great Ogura folks and Reps.

My home is in Southern California, in Fountain Valley (next to Huntington Beach), where I live with my wife of 44 years, Joanne. We have two grown daughters and four grandchildren, ages 3 to 16. We enjoy our family and get together every chance we can. Besides my main hobby of working, I enjoy camping and fishing in the Sierra Nevada mountains. I also enjoy reading, music (I still have a killer vinyl collection), woodworking, collecting vintage tools, movies, travel and cooking. We really enjoy our summer backyard BBQ/Swim parties.

I have really enjoyed my first year on board with Ogura, and look forward to many more●



Tom Ketchum with his grandchildren

TABLE ETIQUETTE WORKSHOP

Kiryu, Japan

In the US, table etiquette is something we all take for granted, but in Japan simple things, like how to hold your fork or where to place your knife can be confusing if you only used chopsticks for your whole life. So, last quarter, a table etiquette workshop was held for new employees. The workshop was held in an actual restaurant in Kiryu. As in previous years, a manners expert was invited to provide the training session. A full formal table setting was used with multiple utensils. This caused some anxiety and confusion with some of the participants, but with the help of the restaurant staff and manners expert, everyone learned something new and enjoyed the food●



Manners expert seminar

OGURA IN DESIGN WORLD

Design World

In the 2023 leadership and engineering issue, Design World published the winners of the Leader-

Ogura Industrial Corp.

Open Industrial Corp. has developed a new line of small brakes for robotics and medical equipment applications. The MCNIB-HS Series power-off spring applied brakes have increased torque to allow wires to pass through the shaft's hollow bore. They accommodate encoders, cables, hoses, shafts, and tools. The ratio of the brake's test core diameter to rotor diameter is leading the industry.

Automotive: Ogura Industrial Corp. has developed a new line of automotive brakes for use in light trucks and vans. The high torque and low heat generation make them ideal for use in light trucks and vans. The brakes are designed for use in light trucks and vans. The brakes are designed for use in light trucks and vans.

Construction & Outdoor Power Equipment: Ogura Industrial Corp. has developed a new line of construction and outdoor power equipment brakes. The brakes are designed for use in construction and outdoor power equipment. The brakes are designed for use in construction and outdoor power equipment.

Medical: Ogura Industrial Corp. has developed a new line of medical brakes. The brakes are designed for use in medical equipment. The brakes are designed for use in medical equipment.

Specialty: Ogura Industrial Corp. has developed a new line of specialty brakes. The brakes are designed for use in specialty equipment. The brakes are designed for use in specialty equipment.

SILVER

Ogura Industrial Group
ogura-clutch.com

Product: MCNIB-HS series brakes

Ogura has developed a new line of small brakes for robotics and medical equipment applications. The MCNIB-HS Series power-off spring applied brakes have increased torque to allow wires to pass through the shaft's hollow bore. They accommodate encoders, cables, hoses, shafts, and tools. The ratio of the brake's test core diameter to rotor diameter is leading the industry.

Internal designs allow for reduced footprint, high torque, long life, optimized torque per size, thin profile, low weight, limited drag, low heat generation, and low power requirements. Reduced backlash is important for precision and accuracy. Internal diameter is made to supply stable performance and response during test life for high-cycle applications. Torque is optimized to provide a smaller package size and lower weight. The thin profile gives an advantage when space constraints are tight. Low power requirements reduce energy consumption and test heat generation.

ship in Engineering awards. Ogura won the silver award for mechanical products for the new large bore holding brakes which allows wires to pass through the brake for medical and robotic equipment. The issue also included the 2023 profile on Ogura's products●

Application Story

Sometimes you just have to switch things up

The all-new Altoz® Switch™ provides the benefits of tracks along with the versatility of multiple attachments for multi-season use. Multiple tasks can be performed using the currently available attachment options: three mower decks (all-terrain, brush and finish), angle broom, v-blade, straight blade, snow blower and brine de-icing system. The Switch's ability to change attachments quickly and easily without tools makes it a cost-effective solution. With the ability to mow, plow, snow blow, broom and brine, the Altoz Switch is certain to become a fast favorite.

Standard features on the Switch include electric dial throttle control, a large 9-gallon fuel tank, solid-state PTO switch, keyless push-to-start ignition and SmarTrac™ Pro control.

For comfort, the operator station of an Altoz Switch features an adjustable coil spring-over gas shock suspension rider platform. The perforated platform and low center of gravity provide secure footing and increased control for the operator.

For stability, the Switch torsion axle width adjusts from 41.5" to 51.5". The 9-inch wide all-terrain track is the key to traction and bridging the gaps found in rough terrain for improved ride quality. Operator efficiency will add value to the bottom line with the agility and responsiveness to move across slopes, low lands, technical terrain, and snow and ice-covered surfaces quickly, confidently and safely.



Switch on an angle broom

ing to engage the attachments until they are needed. Ogura's adjustable "air-gap" allows the clutch to be adjusted for wear insuring long life for the machine's operation. To help engage the attachment smoothly, a patented soft-start control is also used. This reduces system's shock when engaging the components, and also increases belt's life on the clutch, and also ensures long component life, serviceability, and accurate operation.

This is truly a machine that is ready to tackle a variety of tasks and terrain in some of the toughest conditions no matter the season. Engineered for landscape and snow removal professionals, city utility departments and government entities, the Switch's compact chassis and the ability to operate in tight areas make efficient work no matter the season.

Altoz is continuing to develop and will release more accessories to add to the versatility and capabilities of the Switch●



Switch on a snowplow

The 29.5 horsepower Kawasaki® FX 852cc engine has an integrated electronic throttle and governor control helping power through those tough conditions. Kawasaki's EFI fuel management system continually adjusts power to load to keep ground speed steady, getting more done in less time with maximum fuel economy.

To engage a rotating attachment, an Ogura GT3.5 (300 foot pound) clutch/brake is used. The Ogura clutch effectively engages and helps to stop the rotating attachments, like the mower deck, smoothly and safely without hav-



3.5 PTO Clutch



Ogura in the News

OGURA EXHIBITED AT TOKYO AUTO SALON 2023

Tokyo, Japan

Ogura exhibited at Tokyo Auto Salon 2023, held from January 13th (Friday) to 15th (Sunday) at Makuhari Messe after 3 years of absence. Among the products Ogura showcased were metal twin clutch developed for Toyota Yaris, 5 motorcycle slipper clutches for Kawasaki, Honda and Suzuki and skeleton type clutch case that was developed as the original product for Ogura Racing Clutch.



GR Yaris

As in the previous years, Ogura hosted a talk show. Guests were drivers who participated in various races such as Inter Proto Series, Toyota GAZ00 Racing Rally Challenge, GR86/BRZ Cup and ORC Rookie Racing that participated in Super Endurance Race. The most notable among the guests was the Driver Morizo (a.k.a. president of Toyota Motor Corporation, Mr. Akio Toyoda). The show attracted many attendees.



Ogura motorcycle team

At Ogura's booth, 2 automobiles and 1 motorcycle were displayed: GR Yaris that ran in Toyota GAZ00 Racing Rally Challenge, GR Corolla Morizo Edition and Yamaha YZF-R1 that raced in last year's Suzuka 8 Hours. Ogura's motorcycle team, Ogura Clutch ORC with Ride In, announced the races that they are going to participate in 2023, and the members expressed their enthusiasm for the upcoming season.

IDEMITSU 1500 SUPER ENDURANCE RACE

Buriram, Eastern Thailand

Last quarter, President Ogura participated as an ORC ROOKIE Racing driver in the "Idemitsu 1500 Super Endurance 2022" held at the Chang International Circuit in Buriram, Eastern Thailand.



GR Corolla hydrogen concept car

This race is a festive endurance race that is held once a year, and it was the first time in three years, since 2019, that ORC ROOKIE Racing participated. Last time it was also a lucky race because the Ogura team won the first 10-hour round.

This year's endurance race lasted 25 hours, and 64 drivers and teams from Japan participated.

ORC ROOKIE Racing entered the race with two cars, the ORC ROOKIE GR Corolla hydrogen concept car and the ORCROOKIE GR86 alternative fuel concept car, which are competing in the Super Taikyu race. This race is a 25-hour endurance race, but since Ogura was racing concept alternative fuel cars, to just show what they are capable of, ORC ROOKIE Racing only ran a total of 8 hours (4 hours after start and 4 hours before the finish).

GR Corolla had four drivers, Morisou, President Ogura, Masahiro Sasaki, and Hiroaki Ishiura, while GR86 had three drivers, Daisuke Toyoda, Kazuya Oshima, and Naoya Gamo. ●