

OGURA DISPLAYS SUPERCHARGER AT GIE EXPO

Louisville, KY

Ogura has been attending the Louisville Show for almost 20 years. This year, for the first time, Ogura expanded with an outside area. Part of the area was used to feature customers (Hud-Son and Evatech) using Ogura's products but the main purpose was to feature Ogura's line of small superchargers, recently expanded to suit smaller engines.

Bobby Cleveland, the world's fastest lawn mower driver, was featured to highlight these new superchargers.

Bobby's new racing mower incorporated an

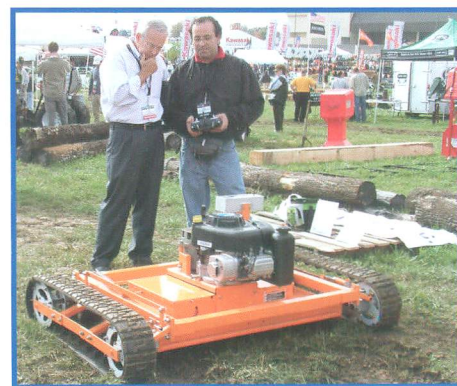
Ogura Supercharger which was being used on a Briggs & Stratton 16hp engine. With the addition of the supercharger and some other engine modifications, the engine could produce approximately 45hp. When the engine was fired up, it drew the attention of the crowd and they couldn't believe that much power could be generated in such a small engine. The demonstration was effective in showing potential customers how they could reduce weight, cost, and fuel consumption by using a supercharger instead of using a larger engine. ●



Hud-Son featuring the Ogura Clutch



Booth staff ready for the show



Evatech's new hybrid remote mower



Bobby Cleveland's supercharged mower



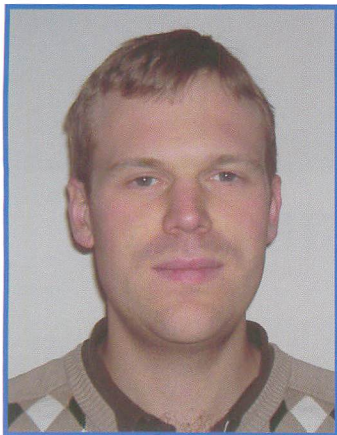
Bobby answering question about Lawn Mower Racing.



Visitors interested in Ogura Supercharger mower

CUMATIX AB

Scandinavia, Sweden



Knut Stangenberg

MMy name is Knut Stangenberg and I have been working as a representative for Ogura in Scandinavia for about one year now. I work for Cumatix which is a trading company with a long tradition of working with Japanese companies and products.

A couple of years ago I graduated from the Royal Institute of Technology in Stockholm with a Master of Science degree in Machine

Elements. After my studies I moved to Scotland where I started working in the IT field which has always been a hobby of mine. However, after working for a year in that field I found it more attractive to go into the field of technical sales and I decided to move back to Sweden.

In my spare time I enjoy taking a boat trip out to the archipelago. The archipelago are islands extending from Stockholm roughly 60 kilometers to the east. In a north-south direction, it mainly follows the coastline. There are approximately 24,000 island and islets. I also enjoy spending time with my family at our summer house.

I'm looking forward to working with everyone at Ogura and promoting Ogura products in Scandinavia. ●

NEW ISO AUDIT UPDATES TO 2008 VERSION

Last quarter, Ogura went through the audit for renewing its ISO Certification. This audit takes place every 3 years and reviews all areas of the company. The current ISO 9001 audit was modified to have the audit perform at the latest revision levels, so all areas of the company are now certified to the latest ISO 9001/2008 version. ●



ISO 9001/2008 Audit

OGURA HIRES NEW PERSONNEL

Even with the current slowdown in business, Ogura Japan hired approximately 30 new engineers and technical personnel over the summer to help strengthen R&D, manufacturing, and

design engineering. They are all looking forward to the demands they will face in helping Ogura grow in this challenging business environment. ●



New 2009 Technical and Engineering Personnel

Application Story

CUT IT THIN TO WIN

Although it's true that a wood veneer is less expensive than the real thing, it's also a way to stretch the use and look of exotic and expensive wood. The veneering process has been around since the ancient Egyptians used it in the making of furniture.

To make a veneer board, a thin slice of wood (dried) usually thinner than a 1/8 of an inch is sliced from a log and then glued onto a core panel. These panels are typically a particle board, medium density fiber board or blemished wood. This gives the finish product the look of expensive wood but allows the woods user very good control over flatness because of the minimal amount of warping that can occur.

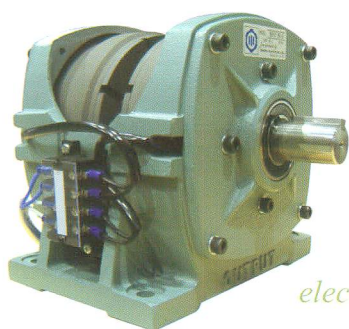
In the veneering process, not every piece of wood is usable. In places where a tree branch was, there are knots. Some logs may also have splits or cracks. These parts are not usable and need to be removed before the final veneering process. To do this, a sensor has to first detect the undesirable part on the piece. Once tagged a saw blade cuts just before and just after the undesirable part, removing it and thereby utilizing as much of the wood as possible.

To control the movements of the conveyor feeding the wood and the saw blade, an Ogura MSUH series

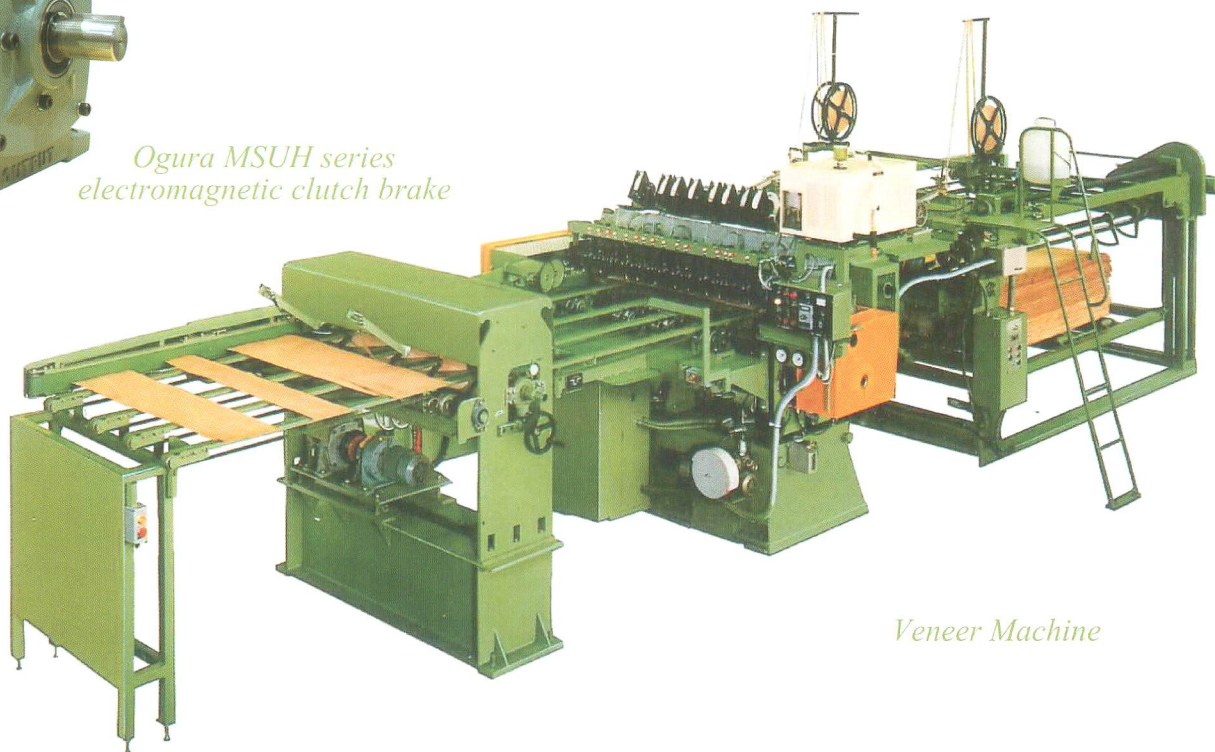
electromagnetic clutch/brake is used. The MSUH is a separate clutch and brake enclosed in a foot mounted housing. It has an input and an output shaft supported by double bearings to withstand heavy side loads. It is available in eight sizes from 10 lb ft. to 750 lb ft. Its fast response time is critical for this application because only the undesirable area should be removed, minimizing the waste of any usable wood. If the clutch response time is too long, it means usable wood can be cut out, which results in higher overhead cost.

The Ogura MSUH is different from many other single face friction type electromagnetic clutches because its friction surfaces on the clutch and brake are in slight contact with one another at all times. This elimination of the air gap makes response time very short which is critical in this and many other applications.

So it's a win all around. Veneer manufacturers are happy that the Ogura clutch brake helps them maintain tight quality control. Environmentalists are happy because veneer makers help to stretch out wood resources, and consumers are happy because veneer products give the look and feel of rich wood but not the high cost. To see how you could win with Ogura products, please contact your local Sales Representative. ●



*Ogura MSUH series
electromagnetic clutch brake*



Veneer Machine



OGURA
INDUSTRIAL CORP.

Happy Holidays From the Staff of Ogura Industrial Corporation

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In The News

OGURA DISPLAYED AT MARINE SHOW

New Brunswick, Canada

Each year Mermaid Marine holds a tradeshow for their suppliers of marine products. Ogura has been exhibiting at the show for more than six years. It's an ideal opportunity to have direct contact with the customers that use Ogura clutches. The clutches are typically used to run the hydraulics that lifts the nets, traps, and pot haulers. Mermaid supplies both small and large torque mobile clutches to their distributor network worldwide. Ogura is proud to help support their efforts in this market. ●

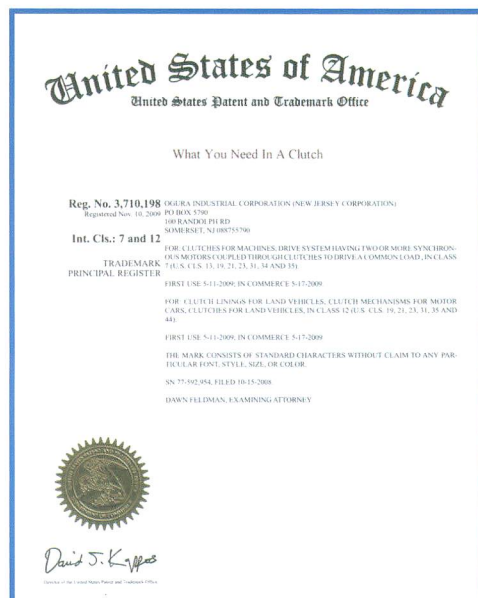


*Patrick Villeneuve of Mermaid Marine and
Fred Cacace of Ogura Industrial.*

NEW TRADEMARK APPROVED

Somerset, NJ

This newsletter is the first newsletter containing the new Ogura Trademark phrase "What you need in a clutch"®. The trademark was approved in October by the US Patent and Trademark office. This trademark phrase will now be used in all advertising. It has already been added to the Ogura website and to the Installation and Maintenance PDFs. The trademark is approved for both industrial and automotive markets. ●



Ogura Trademark Certificate

OGURA JAPAN GIVEN ECONOMIC DEVELOPMENT AWARD

Isezaki, Japan

In November, Ogura was presented with an Economic Development Award from the Mayor of Isezaki. This award is given to companies outside Isezaki city that help support the city's economy. Ogura currently orders component parts from two major subcontractors located in Isezaki. ●



Economic Development Award