

## Older news about Ramsta Robotics.

### **Clever Cleaner is launched on the US market!**

Ramsta Robotics has signed a marketing and distribution agreement with the American company ARC Construction for Missouri, Indiana, Illinois and south Iowa. Staff from ARC will undergo sales and service training in connection with the launching of the robot on the market in January 2009. The agreement with ARC will give Ramsta Robotics access to important parts of the US pig production market.

### **The production of Clever Cleaner moves to Uppsala.**

This fall Ramsta Robotics moves the production of Clever Cleaner to Uppsala. The reason for this is to ensure the quality and the efficiency of the production. More news will follow!

### **Open as usually at Ramsta Robotics during the holiday.**

The holiday has started at Ramsta Robotics. During this period our office will not be fully staffed. If you have questions about the robot you can always get in touch with our duty staff. Dial 0046 701777015. We wish you a nice and sunny summer!

### **Robot number 100 is now delivered in Denmark**

In the beginning of May Yding Smedie installed robot number 100 at a farm in Denmark.

### **Over 300 Clever Cleaner sold World-Wide!**

Today Clever Cleaner is doing the dirty job in Sweden and twelve other countries all over the world. In April robot number 300 was delivered!

### **Clever Cleaner is launched in the US!**

Clever Cleaner goes west! In June Ramsta Robotics will show Clever Cleaner at the World Pork Expo in Des Moines for the first time! World Pork Expo is the biggest exhibition in the world for pig related products!

### **Clever Cleaner now also in action on Iceland.**

In February the first Clever Cleaner was installed at the farm Melar a big finishing pig farm outside Reykjavik owned by Störnunggris hf.

### **Agromek Herning**

At the exhibition in Herning the new Compact Cleaner was presented in Scandinavia for the first time. This robot completes the range of the Compact Cleaner family and now can Ramsta Robotics offer robots that work down to a width of 48 cm.

The interest for the Compact Cleaner as well as for the Clever Cleaner was very large and the stand of Ramsta was very busy all the time.

Leif Jensen responsible for the sales of the robot in Denmark said: "Today our customer says that when and not if, they are going to invest in a robot!"

### **A new Distributor in Germany!**

In order to make the sales organization in Germany stronger and better for the clients of Clever Cleaner had Ramsta Robotics and Schippers GmbH agreed that Schippers should represent Clever Cleaner in the German Market as a Distributor. The new cooperation between Ramsta and Schippers will make Clever Cleaner more interesting on the market and also provide better sales, service and support for clients as well as potential clients. Felix Briol Vertrieb und Service will also in the future represent Clever Cleaner in Baden- Württemberg and Bavaria and Agrar Technik Barnim will go on representing Clever Cleaner in the old eastern parts of Germany. Schippers will act as a Distributor in all other parts of Germany.

For old and new potential customers this means that a representative from Clever Cleaner never is faraway.

### **New Distributor in Finland**

Veljekset Matintalo OY is Ramsta Robotics new Distributor in Finland. They will also be responsible for the technical support and service.



**creates a higher level of robot washing in pig houses!**

Ramsta Robotics launch the new innovative Compact Cleaner.

Narrow aisles in pig houses have been a problem for a lot of pig producers. This has made many producers not being able to use the advantages of robot cleaning. Ramsta Robotics now launches a new slimmer model. The new model can work with aisles down to 48 cm compared with earlier models which could manage a width of down to 65 cm due to the instability if slimmer.

The new model from Ramsta Robotics is equipped with four telescopic legs. They are automatically folded down when the robot starts washing. When the washing is done the legs are automatically going to their unfolded position.

The system is operated by a computer and the supporting legs work hydraulic and they work individual depending on the surroundings.

This means that if there are walls on the side of the robot the legs fold and take support against the walls and if there are no walls the legs go down to the floor to support the robot.

Together with the placing of the wheels under the body of the robot and the new automatic transport level adjustment the new washing robot from Ramsta Robotics offers an alternative to manual cleaning also for pig producers with down to 48 cm narrow aisles in their pig houses! This will offer them an alternative of the dirty and unhealthy manual cleaning. The new innovative washing robot from Ramsta Robotics will be shown at Agromek 2008.



#### **Japan discovers Clever Cleaner.**

The first Clever Cleaner in Japan was installed in May. The robot was installed at Sunyo Garden a farm with 800 sows and an integrated production. The farm has totally 4000 sows. The installation of the robot caused a great interest and at the moment Ramsta Robotics is negotiating with several companies about an introduction of the robot on the Japanese market.

#### **New applications for Clever Cleaner in Germany.**

In May a Clever Cleaner was installed at the company Hewing GmbH in Ochtrup. The company moulds floor parts for their different types of piping. Until now they have washed the moulding forms manually with high pressure cleaner. This laborious work has given the staff big problems with repetitive strain injuries to shoulders and arms and the purpose with the Clever Cleaner is to not expose the staff of any health risks.

Hewing GmbH is one of the leading manufacturers of different types of multilayer PE and MT pipes. The company is a member of the Finnish Uponor Group.



#### **A robot cleans a French hatchery**

A duck genetic company in Roussay has installed a Clever Cleaner to clean their hatchery cup boards. An employee simply applies foam in the hatchery prior to the cleaning and the robot does the rest, delivering excellent results. The robot was slightly modified before installation, once again demonstrating the flexibility of the Clever Cleaner.

#### **Stand out at exhibitions by using a new beer service kit that is now available**

For those of our Distributors who wish to offer beer at their exhibitions and use a robot for that purpose, we have developed a beer serving kit which is very easy to assemble on the robot. Feedback has confirmed that this unique attraction creates a lot of interest and attention from participants. For further information, please do not hesitate to contact us.

#### **More demo robots in Germany**

Further evidence of our influence on the German market comes in the form of two demo robots that we have in place in Germany. This leaves us better prepared to efficiently and effectively meet the increasing demand for demonstrations in the German market. For further information or to book a demonstration, please do not hesitate to contact our German service and support manager - Bo.Hallberg@gmx.de

#### **Continually improving our customer support**

We are now providing additional help to all of our customers in relation to programming the robot. Do you feel that you need some extra support with the programming process? If so, we can provide this to you at a reasonable cost. This is a further example of our commitment to always perform at the top. As a Clever Cleaner customer you will always receive total support.

#### **Optional water socket to the robot**

You can now equip the robot with an extra water socket. Please feel free to contact us for more information.

**More Clever Cleaners working in Canada**

During the spring, more robots have been installed in Canada. The results have been very positive with customers reducing their manual washing time whilst simultaneously improving their work environment and the animals' environment.

**Bayern in Germany will experience the advantages of our robot**

This spring, the first Clever Cleaner will be installed for Bayern, at a pig farm situated in Oberottmarshausen which is just outside of Augsburg.

**Increasing global interest in the Clever Cleaner**

Global interest in the robot is increasing and we are receiving information requests regarding the robot from many different countries.

Besides the economic advantages delivered by the robot, we also feel this considerable interest indicates an increased focus on enhancing the working and animal environment aspects.

**Continual information**

Keep your eyes peeled because we will continue to provide you with the latest news and other practical information. And to find out more, please do not hesitate to contact us at - [info@ramstarobotics.se](mailto:info@ramstarobotics.se)