

## KUKA Roboter's Application Award 2008

### *The award goes to 3D vision-based Bin Picking in Scandinavia*

*The yearly KUKA Award Ceremony in Augsburg focused on "future-is-here-now-solutions" and presented the integrators' KUKA APPLICATION AWARD 2008 to Scape Technologies (Denmark) in close co-operation with GRUNDFOS (Denmark) and AH Automation (Sweden) for successful implementation of 3D vision-based Bin Picking. KUKA Svetsanläggningar + Robotar AB is the proud receiver of the award on behalf of – and together with the Danish-Swedish co-operating partners and users.*

High speed 3D Bin Picking is no longer wishful thinking for the future. These applications powered by KUKA robots are presently being installed in the industry.

Grundfos is one of the world's biggest and leading pump-producers and a high volume KUKA robots user. Initiated by Grundfos needs for even higher automation level and efficiency, university off-spring Scape Technologies has developed and process-implemented a very fast, highly three-dimensional, very accurate and very useful SCAPE BIN PICKING hardware and software. Besides the speed with cycle times of less than 8 seconds, in average, one of the major benefits of the system is its ability of picking randomly placed and chaotic organized parts on pallets of as much as 4 collars height. Thus allowing for a major buffering and reduced handling of parts tended to further processing. Earlier implemented installations picked parts of limited 3-dimensional shapes whilst the latest installation at Grundfos in Denmark picks and places full 3D shapes to the pump production making use of 3 cameras and up to 15 gripping modes ensuring very fast cycle times and process availability of 98%.

KUKA System Partner AH Automation (Sweden) is integrating the KUKA powered 3D "SCAPE Bin-Picking" for the European and Nordic industry.

Currently there are two versions of the cell available. One powered by KUKA KR 16 and one compact cell powered by KUKA KR 5 Sixx. The Bin-Picking cells were at the KUKA booths at the two fairs EUROBLECH (21-

**KUKA Svetsanläggningar +  
Robotar AB**  
A Odhners Gata 15  
S-421 30 Västra Frölunda  
Sweden

#### **KUKA Roboter GmbH**

**Corporate Communications**  
Jürgen Schulze-Ferebee  
Head of Corporate Communications  
Global Sales Center  
Hery-Park 3000  
86368 Gersthofen, GERMANY  
Telefon +49 821 4533-3473  
Fax +49 821 797-413473  
Mobil: +49 172 8175391  
[JuergenSchulze@kuka-roboter.de](mailto:JuergenSchulze@kuka-roboter.de)

[presse@kuka.com](mailto:presse@kuka.com)  
[www.kuka.com](http://www.kuka.com)



25 October, Hannover) and Tekniska Mässan (21-24 October 2008, Stockholm)

For further information please contact

KUKA Svetsanläggningar + Robotar AB

Jacob Vierø

Sales Manager

[jacob.viero@kuka.se](mailto:jacob.viero@kuka.se)

Tel +46 (0)31 726 62 71

Mobil +46 (0)708 32 70 71

AH Automation AB

Stefan Berntsson

Marketing Manager

[stefan.berntsson@ah-automation.se](mailto:stefan.berntsson@ah-automation.se)

Tel: +46 (0)523 79517

Mobil: +46 (0)70 69 32 963

Scape Technologies A/S

Rune Larsen

Director

[rune.larsen@scapetechnologies.com](mailto:rune.larsen@scapetechnologies.com)

Tel +45 65 25 66 08

Mobil: +45 292 02 181

#### **About KUKA Svetsanläggningar + Robotar AB**

*KUKA Svetsanläggningar + Robotar AB is a supplier of flexible, robot-based automation systems for the automotive, aerospace, solar and manufacturing industries and has core competencies in the development, production and sale of industrial robots, controllers, software and linear units. KUKA Svetsanläggningar + Robotar AB is based in Göteborg and is a subsidiary of KUKA Systems GmbH and KUKA Roboter GmbH, both based in Augsburg, Germany, with combined more than 5.500 employees worldwide. In 2007, KUKA Systems generated sales of over EUR 900 million, KUKA Roboter EUR 413 million.*

