

## **Mitsubishi Electric sponsors**

### **WorldSkills Leipzig 2013**

***1000 trainees and skilled workers, 67 countries and regions, 46 official competitive disciplines, 200,000 visitors, 3000 specialists, 1000 journalists and 38 robots from Mitsubishi Electric – this is the vocational World Cup.***

**Ratingen, Germany, 13 June 2013**

**Showcasing vocational education at an international level - now back in Germany for the first time in 40 years. From 2 to 7 July, the best skilled workers in the world will be competing at the WorldSkills Leipzig 2013 event by demonstrating their abilities in a wide variety of vocational disciplines, ranging from hairdressing to web design. Every two years, talented young people from up to 67 countries and regions compete for the coveted world title. For decades, skilled workers from the world of vocational education, politics and business have been networking worldwide in order to keep improving the standards of vocational training.**

Mitsubishi Electric Europe also promotes young talent and is sponsoring no less than two “skills” categories at the WorldSkills Leipzig 2013 event, namely “Mechatronics” and “Refrigeration and Air-Conditioning”. “Young people should enjoy their training and be given the best possible start for their professional careers. We see great potential for the future in the fields of mechatronics and refrigeration and air-conditioning in particular and we want to create the best possible training conditions for young people”, says Georg Jennen, General Manager at Mitsubishi Electric Europe B.V., German Branch.

Mitsubishi Electric is also being represented at WorldSkills by 38 RV-2FB compact industrial robots integrated in MPS<sup>®</sup> (Modular Production System) systems from Festo Didactic. Festo, one of the principal sponsors of the WorldSkills event, is the global market leader in industrial education and training and the long-established exclusive sales partner of Mitsubishi Electric in the training sector for compact class training robots. The key element of each of the MPS<sup>®</sup> systems being showcased at WorldSkills is an RV-2FB 6-axle buckling arm robot from Mitsubishi Electric.

All 46 disciplines will be competing at the same time over four days. In some professions, the competitors will have to solve a complete task which will be made known in advance. So the bricklayers will be building precision models of the Brandenburg Gate, the tilers will be tiling a wall showing the outline of the Federal Republic of Germany in black, red and gold, for example, and the metal workers will be building a complex machine housing. In other disciplines, the tasks will be broken down into modules where the competitors will not find out what they have to do until just before the start of the competition. So, for example, the mechatronics specialists will have to solve automation-related tasks in which they will be required to demonstrate their analytical, problem-solving and optimisation skills.

Discover the world of WorldSkills and experience exceptional achievements!

**Box text:**

Weighing just 19 kg, the RV-2FB industrial robot is compact and transportable yet offers the same level of performance as a large system. It has a built-in real-time interface which can be used to integrate robot controllers in-house, for example. Its compact design means that even within confined work cells, it is able to move freely. As a result, savings can be made not only on space but also on material costs when building new

systems and the RV-2FB can be mounted on the floor, wall or ceiling. Its gripper and positioning arm has an angle of rotation of  $\pm 240$  degrees and a maximum reach radius of 504 millimetres. With a handling weight of two kilograms, or three with the wrist joint angled downwards, the compact robot can achieve a maximum speed of 4400 millimetres per second. The pick-and-place cycle time is 0.6 seconds. With a repeat accuracy of  $\pm 0.02$  millimetres, the RV-2SDB is an exceptional high-precision tool. Integrated interfaces such as Ethernet and SSCNET III enable other automation components to be easily connected. Advanced teaching materials and training software recognised on the training market are available for the robot.

**Photo captions:**



**Picture 1:** Georg Jennen, General Manager, Mitsubishi Electric Europe B.V., German Branch



**Picture 2:** Group photo showing the “vocational Olympians” from Japan, Wolfram Zielke from Mitsubishi Electric Europe and the Festo training robot at the WorldSkills 2012 event in London.



**Picture 3:** The small high-performance robot. The compact, transportable robot offering the same level of performance as a large system.

**Note to Editor:** if you would like the text in another language please contact Stephanie Jones at DMA Europa – [Stephanie@dmaeuropa.com](mailto:Stephanie@dmaeuropa.com).

**About Mitsubishi Electric:**

With more than 90 years of experience in providing reliable, high-quality products to both corporate clients and general consumers all over the world, Mitsubishi Electric Corporation is a recognized world leader in the manufacture, marketing and sales of electrical and electronic equipment used in information processing and communications, space development and satellite communications, consumer electronics, industrial technology, as well as in products for the energy sector, water and waste water, transportation and building equipment.

With around 117,000 employees the company recorded consolidated group sales of 36.3 billion Euro\* in the fiscal year ended March 31, 2012.

Our sales offices, research & development centres and manufacturing plants are located in over 30 countries.

Mitsubishi Electric Europe B.V., Factory Automation European Business Group (FA-EBG) has its European Headquarters in Ratingen near Dusseldorf, Germany. It is a part of Mitsubishi Electric Europe B.V., a wholly owned subsidiary of Mitsubishi Electric Corporation, Japan. The role of FA-EBG is to manage sales, service and support across its network of local

branches and distributors throughout the EMEA region.

*\*Exchange rate 109,56 Yen = 1 Euro, Stand 31.3.2012 (Source: Deutsche Bundesbank)*

**Further Information:**

[www.mitsubishi-automation.com](http://www.mitsubishi-automation.com)

[www.mitsubishielectric.com](http://www.mitsubishielectric.com)

**Mitsubishi Electric Europe B.V.**

Factory Automation European Business  
Group

**Monika Torkel**

Marketing Communications Coordinator

Gothaer Str. 8

40880 Ratingen, Germany

Tel.: +49 (0)2102 486-2150

Fax: +49 (0)2102 486-7170

[Monika.Torkel@meg.mee.com](mailto:Monika.Torkel@meg.mee.com)

**PR agency:**

DMA Europa Ltd.

**Mr. Roland Renshaw**

Europa Building, Arthur Drive,

Hoo Farm Industrial Estate, Kidderminster

Worcestershire. DY11 7RA, UK

Tel.: +44 (0)1562 751436

[roland@dmaeuropa.com](mailto:roland@dmaeuropa.com)

[www.dmaeuropa.com](http://www.dmaeuropa.com)