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Securities code: 6258

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Announcement about development of new SCARA Robot and Small Cartesian Robot

Hirata Corporation announced that we have developed and introduced SCARA robot with speed performance at the highest level, Cartesian robot with flexible combination and multi-vendor controller that can regulate several companies' servo-motor and servo-amplifier to the market.

We manufacture and deal in production systems for various fields including automotive, FPD's, semiconductors and home electronics. Robots are part of Hirata's core technology and we produce and sell robots incorporated into manufacturing equipment we produce as well as robot itself.

We believe that the new products introduced to the market will meet requests of customers' needs in worldwide industrial field.

I. SCARA Robot AR-F series

Improved high-speed motion and ease of maintenance contribute to customers' productivity.

1. Strong Points

High-speed motion (AR-F *H series)

Industry-leading operation speed (the average cycle time is 0.28 second: self-administered survey) will contribute to working efficiency (operating time is reduced by 50% compared to our conventional model).

*average cycle time indicates the round-trip time of 25mm vertical and 300mm horizontal migration.

Battery-free (AR-F *H series)

Adopting new absolute encoder to driving motor enables to eliminate data backup battery and ease of maintenance is much improved.

Various Arm Lineup (AR-F *H series, *L series)

Three different types of arm length-450mm, 500mm and 650mm, coping with various working environment, are lined up.

Cost-effective price

a) AR-F *H series

Domestic price for main unit (including standard controller): 800,000 yen

Expenses for teach pendant, options and after-sales service are required separately. For further information, please feel free to contact us listed at the bottom of this press release.

b) AR-F *L series

Domestic price for main unit (including standard controller): 600,000 yen

Expenses for teach pendant, options and after-sales service are required separately. For further information, please feel free to contact us listed at the bottom of this press release.

Speed performance is about 70% of *H series. *L series is a cost-effective robot for the customers considering system automation on a relatively small scale or for the first time.

*H series is useful for the need of high throughput performance. On the other hand, *L series is suitable for sites not in need of high throughput performance. This can construct system automation flexible and reasonable.

High compatibility

HNC controller's substrate is used for both AR-F *H series and *L series.

2. Appearance



II. Small Cartesian Robot MB-120/150 series

A variety of axis lineups (length and speed) will meet requests of customers' needs.

1. Strong Points

The below points are realized by improved driving rigidity.

- Maximum acceleration : 1G
- Maximum speed : 2,400mm/s
- Maximum transportable weight : 150kg
- Long operating cycle : lifetime running distance : 20,000km
- High precision : positioning precision by repeat : $\pm 0.01\text{mm}$

Cost-effective price / Quick delivery

Price varies based on axis lineups. For further information, please feel free to contact us listed at the bottom of this press release.

Various Lineup

83 different combinations (axis' length and speed) are possible.

Easy maintenance

Battery-less motor adopts, realizing time-saving and high durability.

2. Appearance



III. Robot Controller Supporting Multi-vendor Servo HNC-9 series

1. Strong Points

This series is capable of supporting several servo motor and amplifier of each company by using the same NC language and program.

We, as a system manufacturer, are willing to meet customers' requests with the robot technology and the knowledge we have acquired.

*SANYODENKI CO.,LTD. - SANMOTION R series

*Panasonic Corporation - MINAS A4N series

*YASKAWA Electric Corporation - -V Series

We are pleased to consider ways to support other manufacturers upon customers' requests.

We provide the most suitable software to Cartesian coordinate robot, SCARA robot and other kinematic machines.

2. Appearance



3. Price

Please feel free to contact us listed at the bottom of this press release.

IV. Beginning period of order-receiving

We will begin with sales of our system device by incorporating the robots and then proceed to release of robot itself to the market around June, 2012.

V. Effect on Business

We expect that the new products will increase the sales and contribute to our business performance after March 2013.

VI. Contact Information

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