

## Pro Environment = Pro Business

### Energy Efficient Electric Actuators by IAI

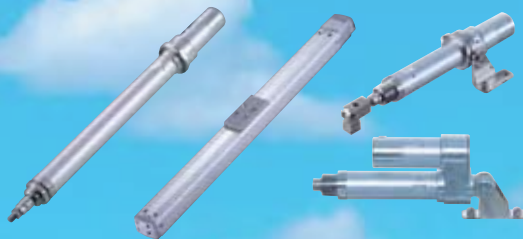
Relax and take time to enjoy a quiet moment. Surround yourself in nature as you breathe the fresh air and feel the cool breeze envelop your senses, taking your daily stresses away. Moments like these are benefits from nature that all of us should be able to take for granted. Are there things businesses can do to improve our relationship with our earth?

As energy usage increases worldwide and emissions from the production of energy also multiply, we are encouraged to be conscious of energy use and raise efforts to conserve energy. Energy is something we all use and rely on, and it is an essential aspect in business. It is also a given that minimizing energy waste and maximizing efficiency leads to higher profits. Energy is not a fixed cost, but rather a variable cost and there are many ways to improve energy efficiency such as turning off or dimming the lights when not needed, setting computers to hibernate when not in use, changing to more energy efficient light bulbs and introducing energy efficient strategies in automation.

Using energy in an efficient manner will cut running costs and benefit the environment and as a result, can significantly boost the image of a business in the public eye. With this said, it is clear and essential that we see the convergence of environmental and business needs are indeed in sync. We at IAI see this, and are working hard to build energy efficient products so both businesses and our environment can benefit each and every day. So, please take time to see what IAI has to offer, and make Green Automation a part of your business today!



### Functions to Further Enhance Energy Efficiency



#### Full Servo Control Mode

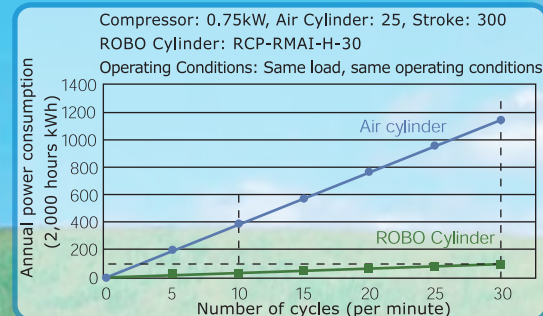
In this mode, current of the pulse motor installed in the RCP2 series is reduced to 1/2 to 1/4 in standstill state. It provides an effective way to suppress power consumption when the motor remains in standstill for a long time at standby position.

#### Automatic Servo-Off Mode

Once positioning is completed, the servo will turn off automatically after a specified time. Since holding current does not flow while the servo is off, power consumption can be reduced. (External force must not be applied while the servo is off.)

### Lower Your Running Costs

With air cylinders, compressors are operated with electricity to generate compressed air, and the generated air is then supplied through a line to the air cylinder where it is subject to significant energy loss. With ROBO Cylinders, on the other hand, the revolutions of the electrical motor are mechanically converted to linear-motion force, which minimizes energy loss. The running cost (electricity bill) of a ROBO Cylinder is 1/3 to 1/10 the cost of air cylinders (based on IAI's internal test).





## THE IAI PHILOSOPHY

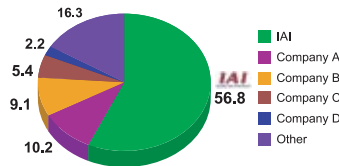
“Quality and Innovation” is our corporate philosophy that motivates us to provide the highest standards for our customers. Incorporating the IAI company philosophy, we are constantly improving existing technology and services. To us, “Quality” not only means the high-quality products and services we deliver, but the high-quality work of each individual IAI employee. “Quality” and “Innovation” is united at IAI setting forth a catalyst for the pursuit of new methods and forward thinking to create new possibilities.

Our commitment to efficient quality products positively impacts all of our customers by offering value to automation equipment, reducing running costs and man-hours spent to set up and maintain the production line. From our easy to use software to complete automation solutions, we provide you with the tools necessary to scale your business. When you demand innovative and high quality products, excellent service and support for your unique needs, demand IAI!



In our uncompromising pursuit for “Quality,” We have instituted ISO 9001:2000 and JIS Q9001:2000, a quality management system maintained by the International Organization for Standardization and Japanese Industrial Standards. We have been certified for ISO 9001:2000 and JIS Q9001:2000 by an independent auditor to be in conformance with ISO 9001:2000 and JIS 9001:2000. We at IAI are continually improving our methods to produce quality products and services that surpass customer expectations.

World Wide Electric Linear Actuator Market Share



Source: Fuji Research Institute (2006)

### The world chooses IAI for Electric Linear Actuators

According to independent research done by Fuji Research Institute, IAI has 56.8% of the world market share for

electric linear actuators. (2006 Data) The quality and innovative products of IAI has been embraced by many businesses around the world to deliver quality automation to their business models. As concern for energy conservation grows, the energy efficient electric actuators by IAI will be even more favorable.



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### Why choose IAI?

#### Complete System Solutions

Instead of building a robotics system from scratch, design engineers can purchase complete fully-functional units from IAI and begin production sooner.

#### Easy Integration and Compatibility

Our straightforward programming language and pre-formatted products make it easy to integrate IAI products with other components. You'll be up and running in no time.

#### Excellent Support

We have 3 offices in the US and teams of expert technicians standing by to answer your questions and solve your problems. Spare parts are stocked in both the Torrance, CA and Itasca, IL offices and are available for immediate shipment. You can even download CAD drawings from our website.

#### Fast Delivery

Most parts and miscellaneous items are available for immediate shipment. Delivery of standard products built to your needs are within four to six weeks.

#### Cost Saving and Eco Friendly

Buying energy efficient IAI actuators are more cost-effective than building your own, saves energy costs and puts your project into production sooner.

#### Value

Our products provide the best price-to-quality value on the market and with energy saving features, easy to use software and easy setup, IAI is a must for your automation needs.



### Contact us!

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