Overview

Truly, working based on innovation is our basic vision to go. With dedications over 20 years on endless R&D for efficient energy control solution, izmac has settled its proper position with our valuable customer’s supports. Increasing productivity is most well known value for the answer why customers should select izmac brands actually. With preparing advanced technology quality required products, izmac set the international sales network gradually with providing favorable business on the other hands.

In addition, to fulfill the customer’s requirement of fast delivery, izmac soon settled the warehouse contracts for hot delivery. Following comprehensive applications will provide wide options for the customer’s selection.

Finally, supporting best prices to customers through distributors will create our utmost values and it comes from one of company visions. Likewise, izmac will maintain its core values for customer service to be existed as technical oriented company.

C.E.O. Chunkwon Jeon

DECELERATION CONTROL SOLUTION:
Provide customer deceleration control solution
Customer satisfactory policy

CREATE MAX PRODUCTIVITY:
Create maximum productivity by supplying best product to customers

INNOVATION:
On-going innovation to maintain its world leading quality
Applications

Factory Automation

Automotive

- Car manufacturing/Assembly/transfer/inspection/semiconductor mounting/pick & place robot line
- Car - Welding (clamp cylinder/positioning cylinder/transfer cylinder, electric actuator/press fit/
  Linear products)
- Electric actuator: Rodless cylinder, high speed cylinder, Guide cylinder, stepper cylinder, handling
  system, linear module protection
- Pneumatic components
  - pneumatic robot, Grippers, Pneumatic cylinder, Pneumatic valve, fluid control components,
- Electronics
  - Semi-conductor line, process technology, flow control, sensor, Circuit breaker.
- Factory
  - Steel factory, paper factory
- Safety: Brake cylinder, tie rod cylinder, Position lock compact cylinder, brake unit, linear guide,
  emergency stop

Features

- Upgrade precision degree
- Secure stability, optimizing control
- Reliability of production lines
- Max productivity
- Decrease failure ratio
- Increase quality output level
Applications

Machinery

Machinery OEM
Packaging machines, Industrial machinery (winding, inspection machine) Lighting machine printing machine, textile machine, drilling machine, Lathe machine, paper roll, Pet bottling machine

Machine tools
Pneumatic supply device, processing Jig, processing tool, automatic door
Medical Life science product, Pharmaceutical industry product

Hydraulic buffers
Military, Bridge, Crane & trolley, rail end stop, railway coupler & side buffers, elevator, Wind turbine

Logistic Automation
Warehouse Automation, Mining, Conveyor systems
Production Process

Design
What is Technology? It will be the one which makes differences. Izmac always open ears to hear customer’s voices for renovation. As Izmac shock absorbers makes kinetic energy into heat, endless R&D supports to develop quality of them for customer’s productivity. On time customizing is also one of helpful functions of Izmac.

Assembly
Assembly is one of very important process of production. Every part should be inserted into the right position to do its right function.

CNC Machining
CNC machining clean products. Izmac has its own fleets to doing machining process. To minimizes defect ratio into “0”, Skilled engineers take control all over the process. Advanced machineries are helpful to carry complicate & difficult output management.

Product inspection / Test
Final product inspection in the final qualifying process, Izmac products are ready to deliver customer’s places. Defective products are automatically transferred to the beginning process of production.

Part inspection
Izmac only supply products after total inspection process. If there are any small defects found it goes directly to the beginning process. Perfect product delivery is what Izmac quality assurance system aimed at.

Shipping
Izmac only supply products in perfect condition of packing. If there are any small defects found or manager feels that package is not settled well, the packaging system is reset for safe status. Perfect product delivery is what Izmac quality assurance system aimed at.
SDA: Adjustable shock absorbers

Thanks to its compact design, high energy absorption and wide damping is available in all model ranges. Though small and compact design, they are very powerful shock absorbers cover full energy requirement of machine’s performance and it leads to huge advantages in practice. These SDA Series industrial shock absorbers are applied to use in all areas of industrial automation and machine engineering, especially in automation and for gantries. The adjustable ranges are from 0~12 steps to set.

Accessories image

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<th>Return force Min. (N)</th>
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