



History and Milestones

Year	Month	
1977	Jan.	Founded Sigma-Giken Co., Ltd. Capital: JPY 11 million Total site area: 1,980m ² (Plant area: 416m ²)
1978	Jul.	Increased capital to JPY 22 million
1980	Jul.	Increased capital to JPY 28 million
1981	Jul.	Increased capital to JPY 33 million
1982	Apr.	Released SG series as standard model gearmotors
1986	Feb.	Expanded assembly/office area (Total area: 2,750m ²)
1988	Jan.	Expanded plant area (Total area: 5,300m ²)
1990	Dec.	Increased capital to JPY 89.1 million
1991	Apr.	Increased capital to JPY 187.1 million
	Oct.	Increased capital to JPY Approx. 3,032 million
1992	Apr.	Released Torque Limiter SST series (competitive priced current relay), and also released SST series (Drop-prevention device)
1994	Jul.	Released SG Shredder
	Oct.	Released Hex series (Hollow shaft gearmotor)
1996	Sep.	Released LM series (Worm gear reducer)
1997	Jul.	Added changes on SG shredder models
	Aug.	Started sales of actuators
2000	Mar.	Released SSP series (Stretch film wrapping machine)
	Nov.	Established TAIWAN SIGMA MACHINERY CO., LTD. in Taiwan
	Dec.	Established SIGMA-GIKEN SHANGHAI CO.,LTD in China
2003	Mar.	Developed multiple sheets paper shredder
	Dec.	Released SGX series (new typed shredder)
2005	Dec.	Released SG-P1 series (Parallel shaft types) as standard models
2006	Oct.	Opened SIGMA TRADING SHANGHAI CO., LTD, China
2007	Jan.	Commemorated 30th foundation anniversary
	Feb.	Added Orthogonal shaft types to SG-P1 series gearmotors, and also released SGX-N series shredder
2008	Nov.	Released SGX-C series shredder
	Dec.	Released new series of SSR (Drop prevention device)
2009	Apr.	Released new type gearmotors equipped with overload prevention device
2011	Dec.	Released slim & compact type shredder
2012	Jan.	Added model change on Single phase models of SG-P1
	May	Added 2 models to SSP (Stretch film wrapping machine)

Company Profile

Established in:	January 1977
Capital:	Capital: JPY 303 million
CEO:	Masato Hayashi
Products:	Gearmotor, Reducer, Shredder, Stretch Film Wrapping Machine etc.
Service:	Development, Designing, Manufacturing and Sales
Employees:	74 employees (including part-time workers)
Headquarters:	1611 Sekoizumi, Toin-cho, Inabe-gun, Mie 511-0252 JAPAN

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ALL LINE UP

SG-P1

3-Phase Parallel / Orthogonal / Hollow Shaft Gearmotor
Single Phase Parallel Shaft Gearmotor



Standard model SG-P1 series consists of wide-ranged line up to be applicable to various equipment, and proud of their high quality assured by high-precision processing & manufacturing technology.



HEX 3-Phase Hollow Shaft Gearmotor



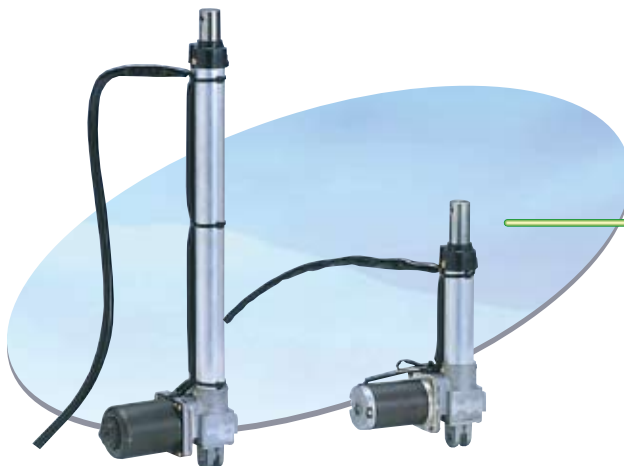
HEX series are hollow orthogonal gearmotors, consisting of a helical gear and HEX gear which has a special-shaped tooth developed based on the technology of Sigma-Giken. Their specific features are:

- 90% or more high efficiency
- Die-cast aluminum gear case
- Light weight & compact size

Customized Reducer

To meet our customers' specific a various specifications, we totally support them by providing reliable products, from designing through delivery based on our experiences in customized reducers.

We also have been obtaining reliabilities from our customers by providing them detailed after-purchase services.



Electric Actuator



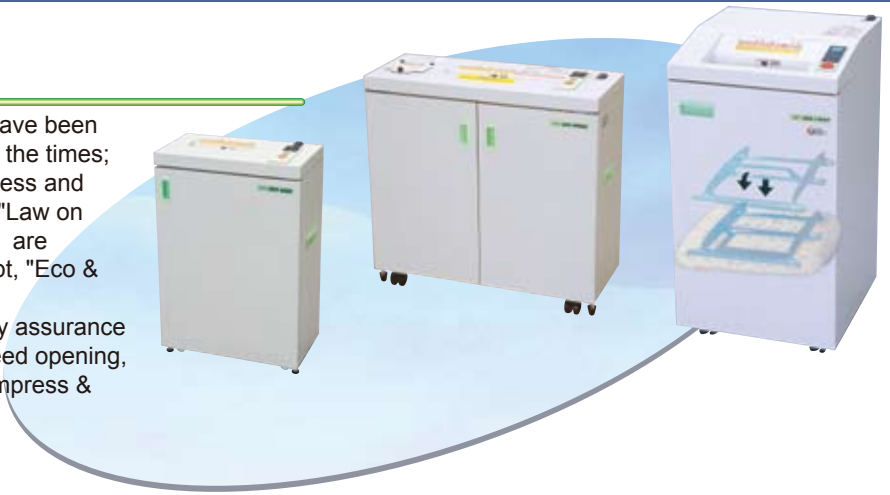
By applying ball/trapezoidal screws, we can provide low noise actuators driven by a DC or DC motor, which can be applied to various kinds of fields such as an electric massager, elevatin chair, reclining mechanism etc.

SGX-C Shredder

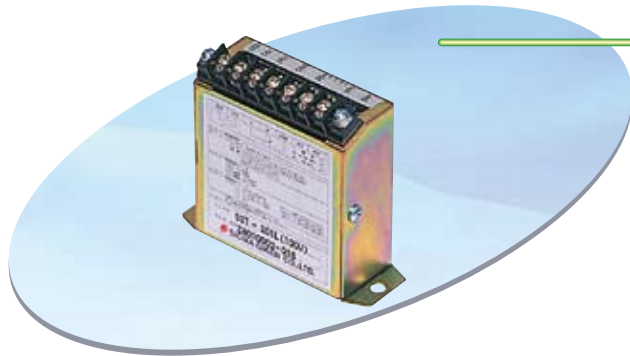


Sigma shredders (SGX-C series) have been developed to meet requirements of the times; security, environmental consciousness and security. All of models comply with "Law on Promoting Green Purchasing", and are manufactured based on our concept, "Eco & User Friendliness."

Remarkable features include Safety assurance mechanism for a paper shredder feed opening, "Main power auto off" function, Compress & cross cutting etc.



SST Electric Relay

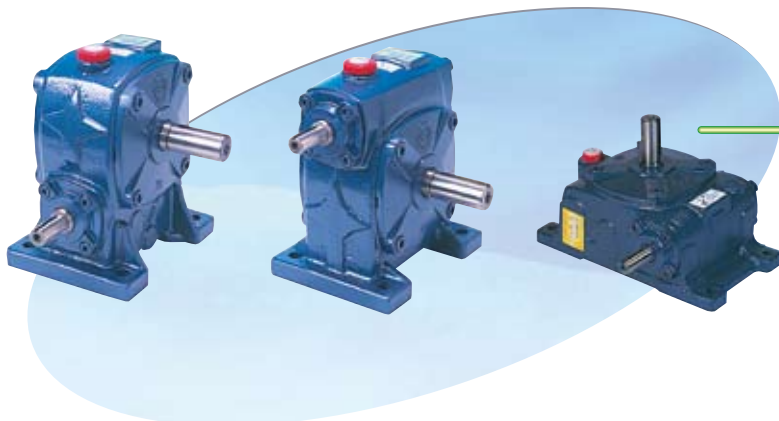


SST relays detect any change in motor's electric load with a high degree of accuracy, and trigger signals. They are applicable for wide-ranged industries and application, such as pressing machine, multistoried parking lot, conveying equipment. SST is also applicable for judging welding process and detecting of blade abrasion pump idling operation, filter clogging, breakage of heater wiring etc.

SSP Stretch Film Wrapping Machine



SSP wrapping machine enables us to complete packaging process in less time than other orthogonal packaging using wooded package or pallet. It help us to realize cost reduction, and avoid problem with cargo such as collapsing or falling.



LM Worm Gear



LM Worm Gear series are high quality reducers characterized by:

- Selected materials / treatment method such as
 - 1) special brass for wheel, and
 - 2) Chromium molybdenum steel after carburizing and quenching treatment for gear shaft
- Tapped hole is provided for input / output shaft as a standard specification

* If you need product catalogue of these products, use "Request Form" available on page 140.