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SM-Cyclo de Argentina S.A. (SMAR)
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Parque Industrial Unisur, 0 Calle B 19-50 Zona 3,
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TEL (49)8136-66-0 FAX (49)8136-5771

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Sumitomo (SHI) Cyclo Drive Germany GmbH (SCG) SCG Branch Austria Office
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8 Avenue Christian Doppler, 77700 Serris, France
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SM-Cyclo Italy Srl (SMIT)
Via dell' Artigianato 23, 20010 Cornaredo (MI), Italy
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C4 & C5 Buildings Granville Industrial Complex, Carmona,
Cavite 4116, Philippines
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Le Minh Xuan Industrial Park, Binh Chanh Dist.,
HCMC, Vietnam
TEL (84)8-3766-3709 FAX (84)8-3766-3710

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Malaysia
TEL (60)3-5121-0455 FAX (60)3-5121-0578

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Lippo Cikarang, Bekasi 17530, Indonesia
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Specifications, dimensions, and other items are subject to change without prior notice.

Sumitomo Heavy Industries Gearbox Co., Ltd.
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No.J1001E-1.1
EH10 Printed 2019.07

Sumitomo Drive Technologies

SEISA GC Coupling

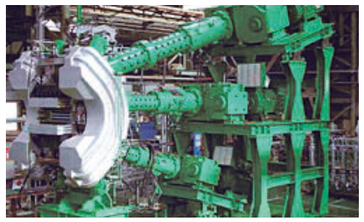
together with

Sumitomo Gearboxes and Gearmotors

No.J1001E-1.1

Sumitomo Heavy Industries Gearbox Co., Ltd.

Wood / Paper / Pulp

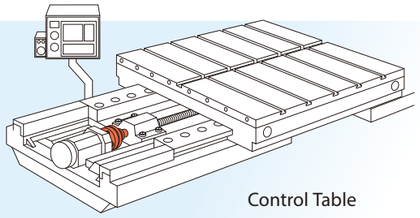

Plastic / Rubber

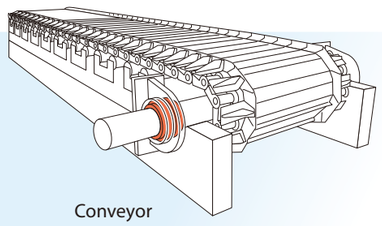
Cement

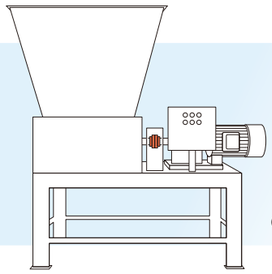
Steel Industry

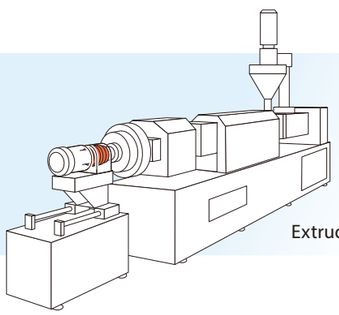
Water and Sewage Treatment

Waste Disposal


Control Table


Conveyor


Crusher

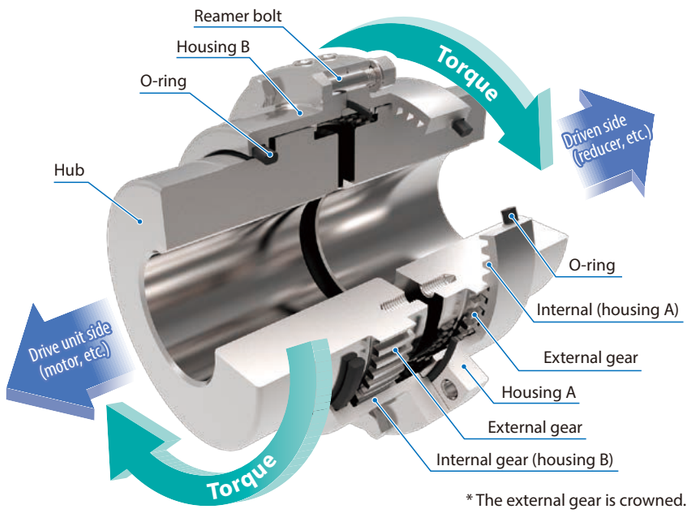

Extruder

Proven Reliability In Various Area of Industries

SEISA GC Coupling

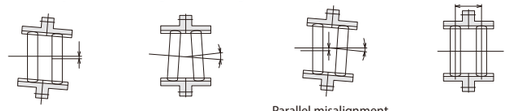
Type	Gear coupling
Reference transmission torque N-m	421–6,460,000
Allowable rotational speed (Based on a standard product)	4,000 or less

Structure and torque transmission path

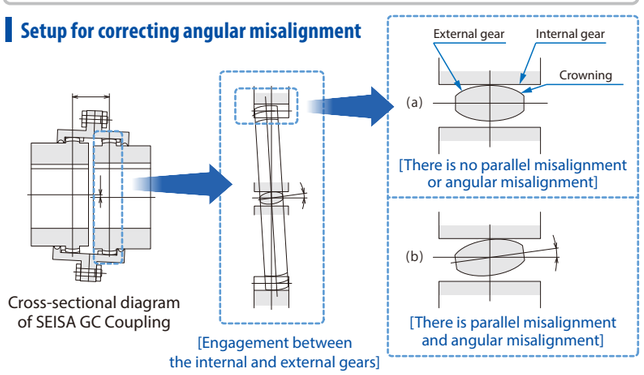


* The external gear is crowned.

Condition of the SEISA GC Coupling in the case where there is parallel misalignment, angular misalignment or an error between 2 axes.



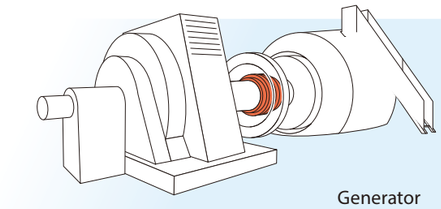
Setup for correcting angular misalignment

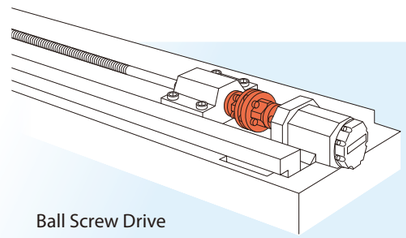


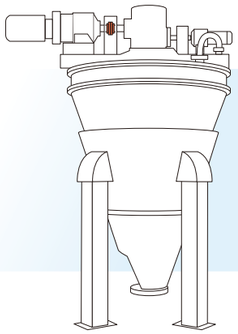
SEISA GC Coupling 5 features

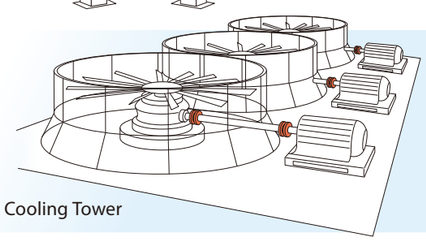
01	Corrects* the parallel misalignment and angular misalignment between 2 axes, enabling the torque on the drive side to be transmitted smoothly.
02	Automatically performs correction* during operation, even when 2 coupled axes are misaligned, so that the valuable device can be protected.
03	Because the misalignment between the axes is automatically corrected by a crowned gear, the coupling is highly wear-resistant and also robust.
04	Because the center and housing are separate from each other, the coupling can be easily removed and re-installed, and in addition it is compact and light.
05	There is no misalignment in the angle of rotation between the 2 axes due to the sagging of the coupling, thus ensuring reliable torque transmission.

* Limited to the case where the parallel misalignment, angular misalignment and error are within the allowable range.


Generator

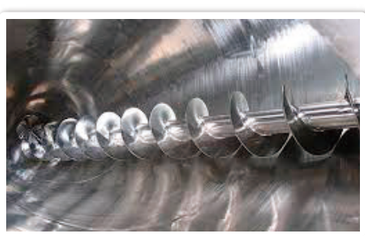

Ball Screw Drive


Mixer


Cooling Tower

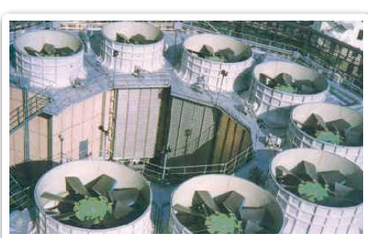
Power Plant

Crane


Agitator / Mixier / Kneader

Press and Forging Press Machine

Pump / Comperssor


Cooling Tower / Air Fin Cooler