

SOSEY

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Create Next Value

Automatic liquid control pioneer
Nippon Sosey Kogyo corporation

“Identity Formation” and “Unique Technology Establishment” Creative Company SOSEY

Our days are broadly divided into private and public lives, public life being the activities in the company one belongs to.

We spend more time in the company,

and the time spent in the company has important elements.

Intra-company activity is where knowledge and experience are accumulated through work, and it is the ideal place to polish

one's identity that serves to improve life.

The company must be able to contribute

to society to become a company that can permanently continue

with intra-company activity.

Outstanding “unique technology establishment” is the essential requirement in becoming a company that can contribute to society.

SOSEY set forth “identity formation” and “unique technology establishment”

as its corporate philosophy, aiming for

better life and to be a company that contributes to society.

We continue to exert efforts to exercise our creativity with passion and candor.

SOSEY Corporate Philosophy

■ Employees are the Main Agent

Under the philosophy “The company exists for the employees,” we will apply our best efforts for our and our company's growth through corporate activities.

■ Client-oriented

We will always be half a step ahead of customer satisfaction by always asking ourselves what would be a “good product” for our clients. We will exert effort to always provide good products and good services.

■ Development and Improvement

We treasure our know-how in shaping the desires of our clients into products for the past half a century, as well as our creativity in coming up with original product. We will strive for development and improvement with the key concept [SOSEY that continues to evolve]

SOSEY Competitiveness

■ Technology and know-how on how to control multi-liquid materials!

We can propose peerless technology and know-how as a pioneer in the field of liquid control.

■ A system that enables us to respond to meticulous desires and ensures the ability to make proposals!

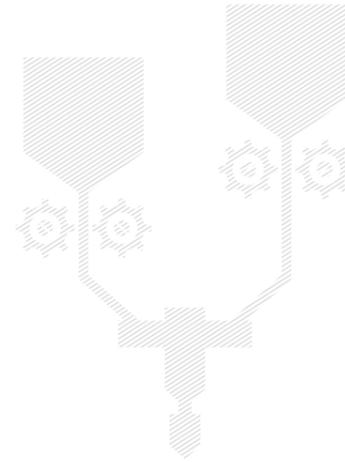
We respond to the diverse desires of our client with our ability to make proposals that fulfill customer desires from the investigation stage with our testing system.

■ Enhanced after-sale services!

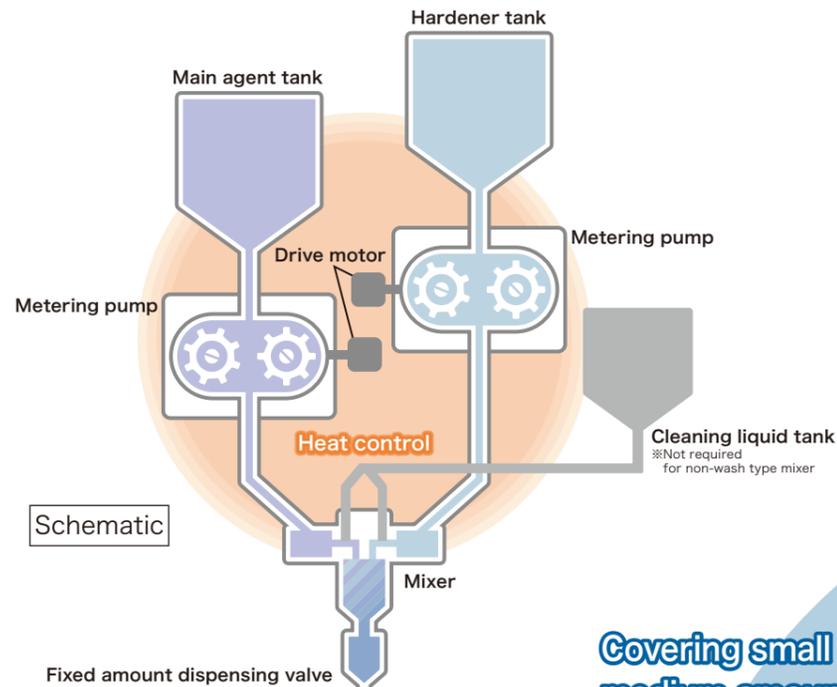
We have the perfect system to respond to requests after sales, including sudden troubles with a system to provide regular maintenance and replacement parts.

We respond to a full range of needs for automatic liquid control, from very small to very large amounts centering on customized products.

Super Shot Series



A high precision device that automatically measures, mixes and dispenses multi-component materials of urethane, epoxy, silicone, etc. It plays a major role as an indispensable device in the manufacture of automobile parts, sensors and circuit boards for household appliances.



Example of use
For potting to IGBT, coil or transformer



MP Series Model: MP-202KN
Device corresponding to materials with large amounts of filler components, such as silica. Snake pump is adopted at measuring, enabling consecutive dispensing of materials with filler.

Covering small to medium amounts.

Example of use
For adhering and potting, etc. of sensors, household appliances and automobile parts



EX Series Model: EX-20
Control of high-quality mixing ratio by high-precision gear pump.

Example of use
For bumpers and aerodynamic automobile parts



LM Series Model: LM-800
Device developed for low-pressure RIM shaping. A large flow-rate type used for shaping urethane and epoxy.

Example of use
Mockup and clay model of automobile, etc.



VS Series Model: VS-750
When creating a design mockup for an automobile, it is possible to directly pull out the modeling paste from drum and directly place onto base frame.

Amount dispensed Minute amount

Example of use
Chip welding on smartphone, etc. Potting to the inner area of electronic parts

TSP Series Model: TSP-015 to 1000
Minute-amount dispenser mounted with two super compact SOSEY SOLID PUMP units with servo motors. Super light-weight, super compact, super-high precision.



Example of use
Adhesives, gap fillers, OCR, etc.

MRP Series Model: MRP-015 to 500
Minute-amount dispenser equipped with next-generation-type dynamic disposable mixer and super precision pump unit.



Example of use
Spot injection on small electronic parts, etc.

MS Series Model: MS-002
Possible to inject minute amounts of several milligrams per second. Equipped with high-precision gear pump with everything you need built-in to a tabletop-size compact power mixer.



Example of use
Potting on electronic parts and control board, etc.

TW Series Model: TW-202SNP
Incorporated pump, motor and mixer in this unit. Possible to perform injection operation in a small space. Extremely convenient when incorporating on line equipment mounted on a robot.





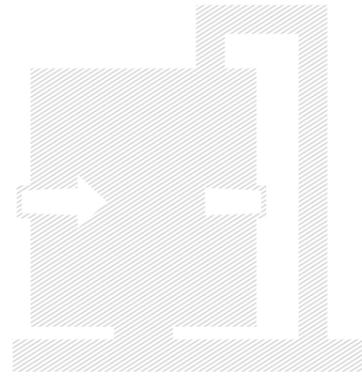
SNP Series WONDER MIX

A power mixer that is disposable. Non-wash method, and mixer can be replaced in a single step. Resolves all issues related to deteriorating work environment and the treatment of waste liquid encountered with the conventional wash method. Possible to install onto various devices.

Amount dispensed Large amount

Responds to a variety of needs for mixing low- and high-viscosity material.

Hard Mixer Series



Unlike the conventional hand mixer rotating mixing vane, the hard mixer came out of a unique idea of having a stationary vane and a rotating container.

This device is able to mix uniformly in a short time with very little of the entrainment of gas seen with the conventional vane rotation type mixer. It is used mainly for mixing and degassing sealing agent, epoxy, urethane, silicone at construction sites, chemical plants, laboratories, etc.

Container size – Small



Container size 200~3000cc(Flexible)

MINIMAZE

Adopting universal holder enabled the installation of containers sized 90φto180φ and 200mm high.



Container size 200~3000cc(Flexible)

ZEROMAZE

Possible to set drums up to containers sized 90φto180φ and 220mm in height Enabling mixing in the vacuum container.



Container size 20L pail

ZEROMAZE-20

Pail can be used to enable mixing in a vacuum. Built-in vacuum pump.



Container size 18L Square drum / 20L pail

Full-Mix FM-12

Our unique 3D automatic revolving movement makes it possible to mix the content inside without opening the drum. Air motor specification also available.

Container size Drums up to 200L



Large Hard Mixer Series

Model: 45L – 200L
UV45L – 200L (Vacuum degassing, positive rotation-type)
UVR 45L – 200L (Vacuum degassing, automatic reverse rotation-type)
Able to customize to fit the size of the drum.

Container size – Large

Container size Sealing can 4L/6L

Mixer Exclusive for Sealing Material KARUMAZE



Mixer exclusive for sealing material necessary for caulking work at the construction site. Lightweight and durable. Prevents construction error with high luminance LED display.

Container size 20L pail

Container Rotating High-Viscosity Mixer DERAMAZE



Container rotating type high-viscosity mixer used at construction sites and plants. Container rotating type prevents gas inclusion. Corresponds to diverse options. Adopted DERARAKU holder for easy carrying and placement of material drum

Responding to the needs of the future

SOVAC SYSTEM

Unique vacuum dispenser created with over 30 years of know-how.



Model SVP-2000

High-precision, anti-wear treated gear pump is used at the measuring part. Perfect for vacuum injection of materials with low filler inclusion. Used mainly to inject epoxy resin onto electric motor coils, condensers, etc.



Model SOL-100A

Manual type for the industrial model molding machine, which can also perform automated degassing, mixing and injection work. Tank size W500xD500xH850. We can also manufacture units in other sizes..

Realizes higher productivity and more complex working properties

SOLUTION+α

Model adding options on Super Shot series to respond to customer desires.



⊕ Example of use

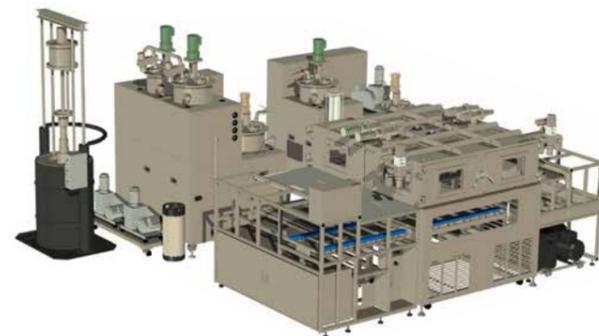
For circuit board for household appliances, automobile parts, sensors, etc.

Dispenser + fully automatic robot

Collaboration of Super Shot and robot. We can create different types, such as work transport type, dispenser transport type, etc.

⊕ Example of use

For aircraft parts, EV motors, automobile parts, etc.



Dispenser + Large-scale transfer equipment

Possible to collaborate with any conveyors, robots, vacuum chambers, hardening furnaces, etc. for the injection operation of mass-produced products.



⊕ Example of use

For liquid gaskets, thermal grease, cell phone circuit boards, etc.

One-liquid type dispenser

Possible to handle one-liquid type adhesives, grease, UV curing resin. Able to coat liquid with high viscosity without problems. SSP series. Model: SSP-015 - 1000

We assist our customers from the time they consider introduction to after delivery

FULL SUPPORT SERVICE

We propose customized equipment corresponding to customer desires.

After delivery of the product, we respond quickly to whatever problem you may have with solutions based on SOSEY know-how.



Test Service

We have laboratories in various locations throughout Japan. We offer speedy testing.

■ Injection simulation tests

We propose the best injection method in consideration of material characteristics and the shape of work. We also propose the best work shape and facilities from injection time (cycle time).

■ Evaluation of sample creation test

If work sample evaluation is required before introduction of the equipment, we help with the creation of the sample.

■ Mixing evaluation test

We offer evaluation tests conducted on various mixers with the method used in actual situations.



After-Sales Service

Indispensable maintenance. Speedy response is offered by our professional engineers.

■ Regular maintenance (Domestic, overseas)

Regular maintenance is provided domestically and overseas by our professional staff at your location.

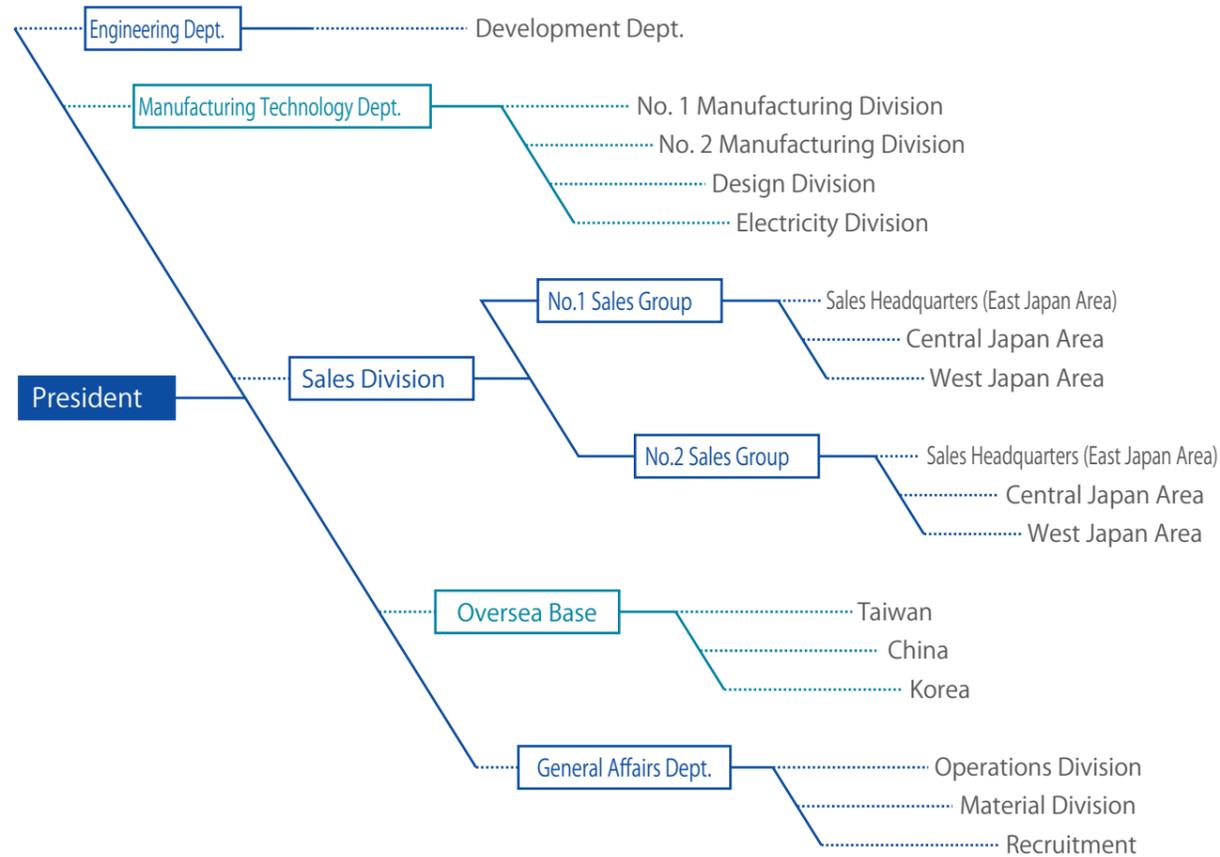
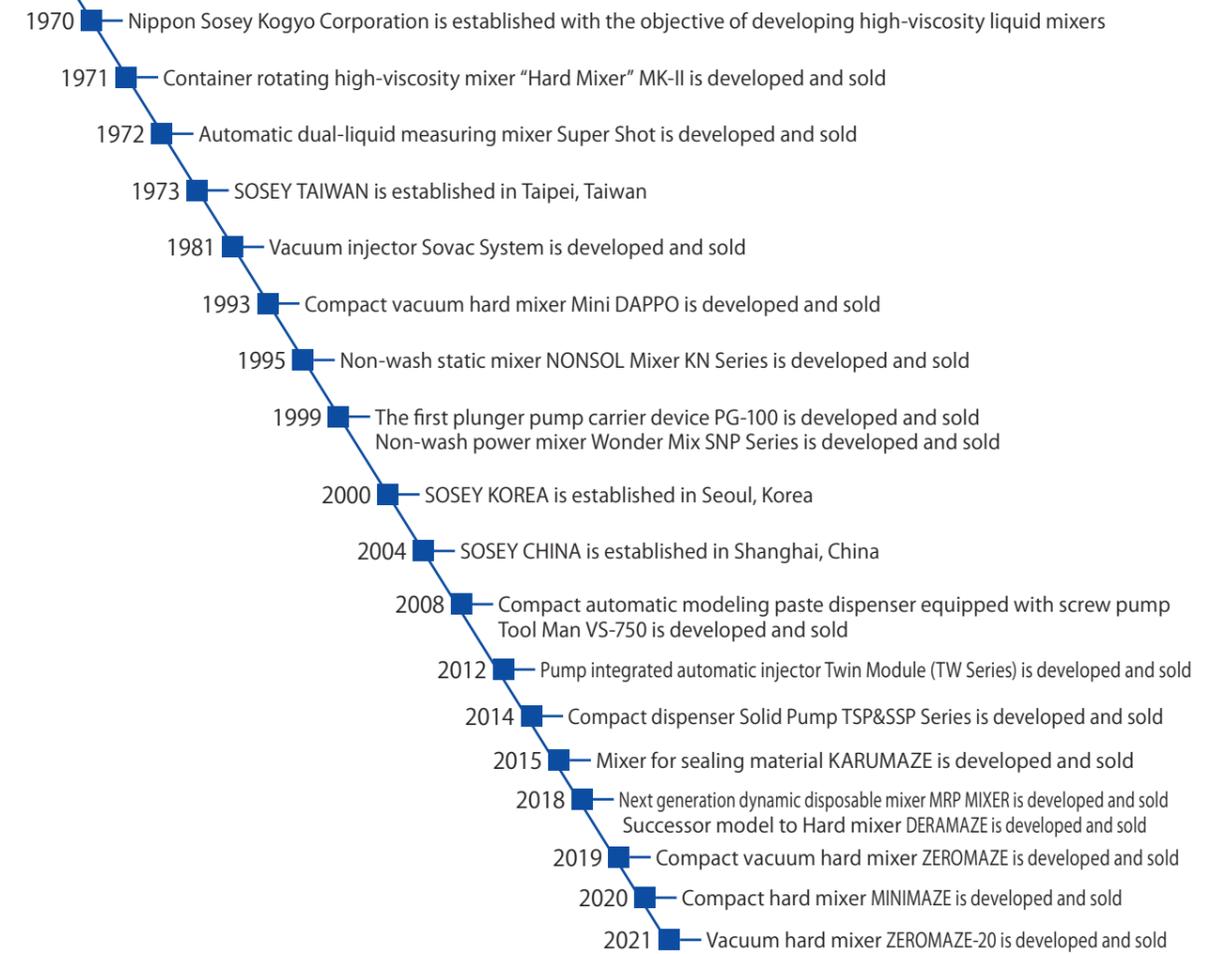
■ Maintenance lecture

Our staff offers instructions on use and simple maintenance for the equipment you purchase.

■ Parts supply

We can quickly provide replacement for parts that have worn or broken.

Established	December 7, 1970
Capital	15 million yen
Representative	CEO SHINSUKE ASAYAMA
Employees	50
Office	Main Office and Plant (Nagoya) Sales Offices: East Japan Area (Tokyo), Central Japan Area (Nagoya), West Japan Area (Osaka)
Business Content	Maker specializing in automatic metered injector and mixer for epoxy, urethane and silicone resin. Development, manufacture and sale of patented products
Major Products	Automatic epoxy, urethane, silicone dispenser; automatic vacuum casting machine; adhesive dispenser; coating machine; urethan, silicon, epoxy coater; sealing stirrer
Main Clients	Toyota Motor, Nissan Motor, Honda R&D, Toyota Industries Corporation, Denso, Calsonic Kansei, Keihin Corporation, Aisin Seiki, Yazaki Parts, Stanley Electric, Sumitomo Wiring Systems, Panasonic, Toshiba, Sony, Sharp, Mitsubishi Electric, TDK, Yamaha, Minebea Mitsumi, Fuji Electric, etc. (random order)
Group Companies	SOSEY TAIWAN, SOSEY CHINA, SOSEY KOREA



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