

Lubrication Equipment EXS SERIES



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YAMADA EXS SERIES

Performance Function Cost-effectiveness

Yamada Corporation has been a leading producer of industrial equipment since 1905, and of lubrication equipment for over 90 years.

As a leader in pneumatic pumping technology, YAMADA is known in many industries worldwide for its innovative products, superior quality, and unmatched reliability.

EXS Series, new lubrication equipment line, which YAMADA's abundant experience utilized is introduced for the purpose to meet the demand from the market that is **Performance, Functionality and Cost-effectiveness**.

YAMADA experience is now available for **EVERYONE**.



SKR-11 Grease Lubricator



PRODUCT CATEGORIES



HAND GREASE GUN CH-400EX/CH-400EX-G

Lever Grease Gun available in use with both direct-filling and Bellows Cartridge Grease, which the function have been accepted by major customers for more than quarter century

General versatility

The most common size grease gun with 3-jaw steel extension (CNP-2)

Compatible

Barrel with lipped follower for use with 500mL direct-filling or 390g (420mL) Bellows Cartridge Grease MMG Series

Quarter century's proof

The function have been accepted by major construction machine manufacturer for more than quarter century



Model No.	Model	Barrel Dia.	Barrel Capacity	Cartridge Capacity	Delivery/Stroke	Max Press	Weight
854669	CH-400EX	59.6mm	500mL	390g (420mL)	1.0mL	50MPa	1.3kg

Contamination-free, Air-pocket-free, Stress-free! In Japan, cartridge grease means BELLOWS CARTRIDGE GREASE

Clean

Because of its cleanness, Bellows Cartridge Grease have been used in Japan for long time

Easy

The cartridge is loaded to the CH-400EX directly with the screw

Convenience

It allows cartridge change in the middle of use

Tightly-sealed

With the tightly-sealed bellows, contamination and air-pocket can be eliminated

Economical

Waste of grease is minimum

Standardized

Bellows cartridge is now standardized, and sold from major grease manufacturers

Bellows Cartridge Grease (Chassis, NLGI No.1)

Its extreme-pressure and water-resistant feature is suitable for chassis, construction/agricultural equipment, conveyor, etc.







BATTERY OPERATED GREASE GUN EG-500EXS

Powerful 19.2V high torque motor grease gun available in use with both direct-filling and grease cartridge according to DIN1284

Complete set

The complete set with Grease gun, Blow molded carrying case, Shoulder strap, 2pcs of 1.5Ah Ni-Cd battery pack, Battery charger, and 760mm high pressure hose with 4-jaw grease coupler

1.5Ah Ni-Cd Battery

Comes with 2 batteries for uninterrupted greasing

One hour quick charger

Each battery charge provides power to dispense up to 6 grease cartridge in free flow condition

Safety valve

It releases grease at pressures over 41.3MPa, preventing damage to gun due to excessive back pressure

Compatible

For use with 500mL direct-filling and 400g grease cartridge





1 hour CE energy saving Battery charger, 220V/50Hz, EU plug





Model No.	Model	Barrel Dia.	Barrel Capacity	Cartridge Capacity	Delivery in Free Flow	Max Press	Weight
686848	EG-500EXS	57.15mm	400mL	400g	Up to 85g/min.	41.3MPa	6.6kg

AIR OPERATED GREASE GUN AMG-500EXS

Continuous grease discharge air operated grease gun available in use with both direct-filling and grease cartridge according to DIN1284

Automatic

By pressing the trigger, grease is discharged continuously

Portable

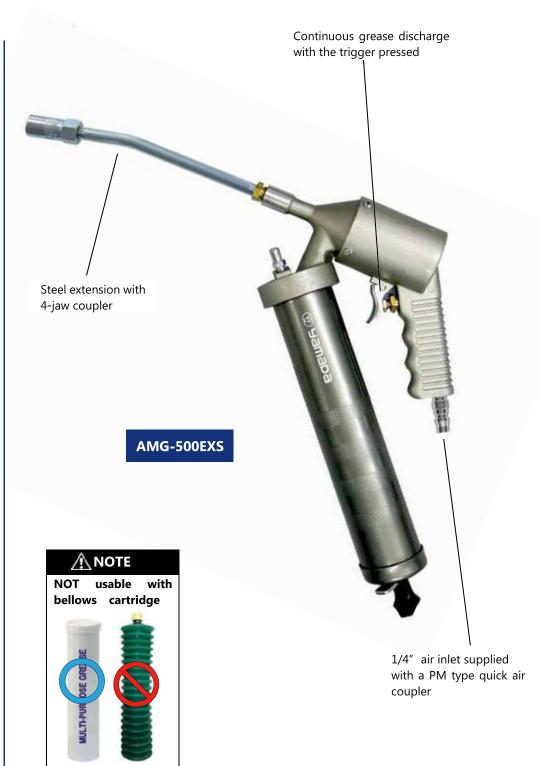
Simple, lightweight and compact pneumatic mechanism is easy to carry around and make the greasing easy

Ready-to-use

PM type quick air coupler and 150mm steel extension with 4-jaw coupler are equipped as standard

Compatible

For use with 500mL direct-filling and 400g grease cartridge



Model No.	Model	Barrel Dia.	Barrel Capacity	Cartridge Capacity	Delivery in Free Flow	Air Supply Press	Max Press	Weight
686850	AMG-500EXS	57.15mm	500mL	400g	Up to 400g/min.	0.3 – 0.8 MPa	33MPa	1.9 kg

HAND OIL BUCKET PUMP STB-66EXS

Hand-operated oil pump complete with built-in 30L capacity 4-wheel steel bucket, mechanical oil meter, hose, and spout

Pump designed for transferring oils

Zinc plated pump body with aluminum die cast head & adjusting flange, and wear resistant brass piston rings fitted onto zinc die cast piston are designed to suit for transferring gear oil, motor oil, differential oil, machine oil, etc.

Portable

4-wheel steel bucket with pull handle is easier to carry around compare to 2-wheel dolly that have to tilted when carrying

Large capacity

Built-in 30L bucket can easily store oil for one pail can

Mechanical oil meter

Oval gear mechanism accurate positive displacement oil meter with highly reliable mechanical display



Model No.	Model	Delivery/Stroke	Bucket Capacity	Wetted Material	Weight
686852	STB-66EXS	Up to 60 mL	30L	Steel, Aluminum, Zinc, Brass, NBR, PVC	14 kg

HAND GREASE BUCKET PUMP SK-66EXS

High volume hand-operated grease pump complete with built-in 30L capacity 4-wheel steel bucket, hose, and pistol handle fitted with steel extension and coupler

Pump designed for transferring grease

Volume Grease Pump designed for quick effortless greasing in applications requiring every day lubrication such as greasing of excavators and other earth moving equipment, agricultural equipment, automotive applications, etc.

Pail storable bucket

Pail storable built-in bucket does not require messy refilling work

High volume

The pump delivers up to 9 g of grease per stroke, which is twice the amount of grease discharge by ordinary pump

Variable handle setting

3-position variable handle setting permits convenient use of the pump with wide range of greases

Portable

4-wheel steel bucket with pull handle is easier to carry around compare to 2-wheel dolly that have to tilted when carrying

Complete set

Follower plate fits to pail is equipped as standard



Model No.	Model	Delivery/ Stroke	Max Press	Bucket Capacity	Wetted Material	NLGI	Weight
686854	SK-66EXS	Up to 9 g	27.5 MPa	30L	Steel, Aluminum, Brass, NBR	Up to No.2	14 kg

AIR OPERATED OIL BUCKET PUMP SGR-66EXS

Air-operated oil pump complete with built-in 30L capacity 4-wheel steel bucket, hose, and electronic oil control gun

High performance

Air operated piston pump with 63mm-dia.-air motor is designed to work in tough conditions and are ideal for use in industry, workshop, farm, construction, mining, etc.

Portable

4-wheel steel bucket with pull handle is easier to carry around compare to 2-wheel dolly that have to tilted when carrying

Large capacity

Built-in 30L bucket can easily store oil for one pail can

Electronic oil meter

Oval gear mechanism accurate positive displacement oil meter with easy-to-read electric display

Complete set

Air regulator with gauge and PM type quick air coupler are equipped as standard



Model No.	Model	Pump Ratio	Delivery	Air Supply Press	Max Press	Air Consumption	Noise Level	Weight
686841	SGR-66EXS	3:1	Up to 14 L/min.	0.2 – 1.0 MPa	3.0 MPa	230 NL/min.	81 dB	18 kg

AIR OPERATED GREASE BUCKET PUMP SKR-66EXS

Air-operated grease pump complete with built-in 30L capacity 4-wheel steel bucket, follower plate fits to pail, hose, and grease control valve

High performance

Air operated piston pump with 63mm-dia.-air motor is designed to work in tough conditions and are ideal for use in industry, workshop, farm, construction, mining, etc.

Pail storable bucket

Pail storable built-in bucket does not require messy refilling work

Portable

4-wheel steel bucket with pull handle is easier to carry around compare to 2-wheel dolly that have to tilted when carrying

Complete set

Air regulator with gauge, PM type quick air coupler, and follower plate fits to pail are equipped as standard



Model No.	Model	Pump Ratio	Delivery	Air Supply Press	Max Press	Air Consumption	Noise Level	NLGI	Weight
686843	SKR-66EXS	50:1	Up to 1,100g/min.	0.2 – 1.0 MPa	50 MPa	230 NL/min.	81 dB	Up to No.2	18 kg

ECONOMICAL HAND OIL PUMP STB-20EXS

Hand-operated oil pump complete with leak-proof steel pail cover, hose, and spout "The most economical STB"

Pump designed for transferring oils

Zinc plated pump body with aluminum die cast head & adjusting flange, and wear resistant brass piston rings fitted onto zinc die cast piston are designed to suit for transferring gear oil, motor oil, differential oil, machine oil, etc.

Leak proof pail cover

Specially designed internal packing prevents oil leakage from between the pail and the cover

Optional accessory

PC-20EXS pail dolly is available as an optional accessory



Model No.	Model	Delivery/ Stroke	Wetted Material	Weight
686851	STB-20EXS	Up to 60 mL	Steel, Aluminum, Zinc, Brass, NBR, PVC	3 kg

Model No.	Model
686856	PC-20EXS

ECONOMICAL HAND GREASE PUMP SK-20EXS

Hand-operated grease pump complete with pail cover, follower plate, hose, and coupler "The most economical SK"

Easy and portable

Provides high pressure greasing, where power is not available or when an air operated grease pump cannot be afforded

Robust

Pump has steel construction with aluminum cast head and solid steel pumping chamber

Optional accessory

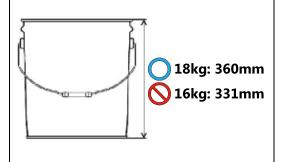
PC-20EXS pail dolly is available as an optional accessory



№ NOTE

Usable for 18kg pail with outer height of approx. 360mm

NOT usable for 16kg pail with outer height of approx. 331mm





Pail dolly (Optional accessory)

Model No.	Model	Delivery/Stroke	Max Press	Wetted Material	NLGI	Weight
686853	SK-20EXS	Up to 1.5 g	24 MPa	Steel, Aluminum, Brass, NBR	Up to No.2	4 kg

ECONOMICAL AIR OPERATED OIL PUMP SGR-20EXS

Air-operated oil pump complete with leak-proof pail cover and oil control gun "The most economical SGR"

High performance

Air operated piston pump with 63mm-dia.-air motor is designed to work in tough conditions and are ideal for use in industry, workshop, farm, construction, mining, etc.

Leak proof pail cover

Specially designed internal packing prevents oil leakage from between the pail and the cover

Optional accessory

PC-20EXS pail dolly is available as an optional accessory



Model No.	Model	Pump Ratio	Delivery	Air Supply Press		Air Consumption	Noise Level	Weight
686840	SGR-20EXS	3:1	Up to 14 L/min.	0.2 – 1.0 MPa	3.0 MPa	230 NL/min.	81 dB	8 kg

ECONOMICAL AIR OPERATED GREASE PUMP SKR-20EXS

Air-operated grease pump complete with pail cover, follower plate, hose, and control valve "The most economical SKR"

High performance

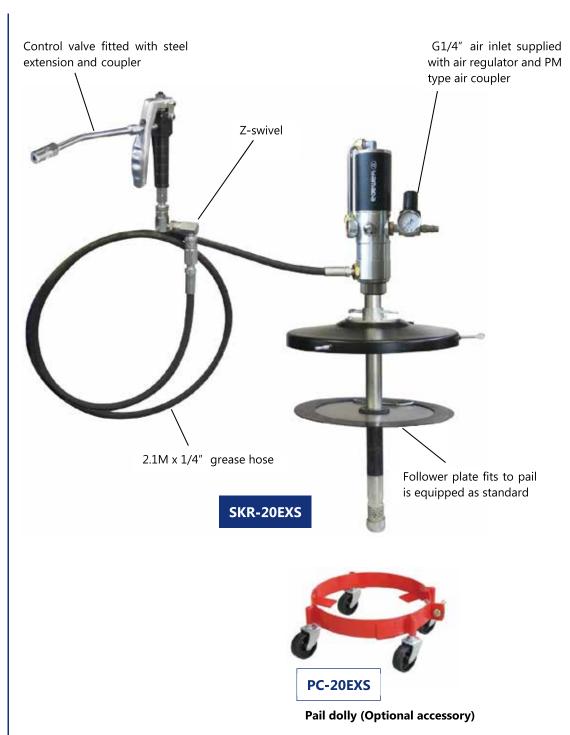
Air operated piston pump with 63mm-dia.-air motor is designed to work in tough conditions and are ideal for use in industry, workshop, farm, construction, mining, etc.

Complete set

Air regulator with gauge, PM type quick air coupler, and follower plate fits to pail are equipped as standard

Optional accessory

PC-20EXS pail dolly is available as an optional accessory



Model No.	Model	Pump Ratio	Delivery	Air Supply Press	Max Press	Air Consumption	Noise Level	NLGI	Weight
686842	SKR-20EXS	50:1	Up to 14 L/min.	0.2 – 1.0 MPa	50 MPa	230 NL/min.	81 dB	Up to No.2	8 kg

AIR OPERATED OIL DRUM PUMPS DR-65A1EXS/DR-65A3EXS

1:1 and 3:1 pump ratio available, high performance industrial oil dispensing drum pumps with guaranteed performance

High performance

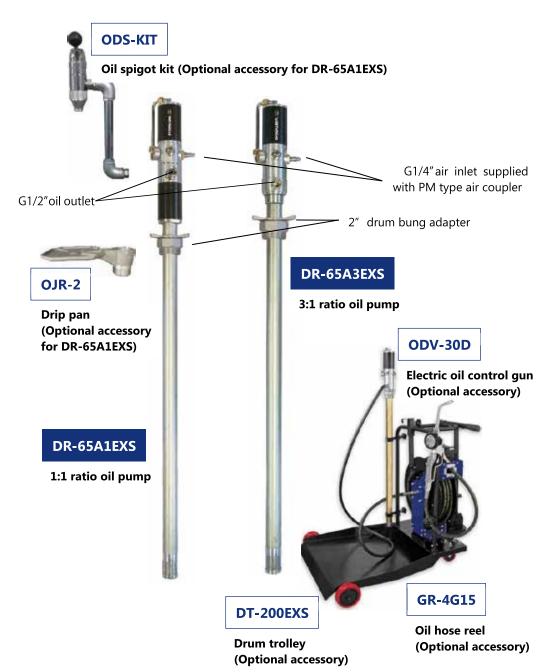
Air operated piston pump with 63mm-dia.-air motor is designed to work in tough conditions and are ideal for use in industry, workshop, farm, construction, mining, etc.

Ready-to-use

PM type quick air coupler is equipped as standard

Optional accessory

Drum dolly is available as an optional accessory



Model No.	Model	Pump Ratio	Delivery	Air Supply Press	Max Press	Air Consumption	Noise Level	Weight
686846	DR-65A1EXS	1:1	Up to 40 L/min.	0.2 – 1.0 MPa	1.0 MPa	270 NL/min.	81 dB	6 kg
686847	DR-65A3EXS	3:1	Up to 14 L/min.	0.2 – 1.0 MPa	3.0 MPa	230 NL/min.	81 dB	5.8 kg

Model No.	Model
686834	ODS-KIT

Model No.	Model
686835	OJR-2

Model No.	Model	Hose Size	Delivery Hose Length	Inlet Hose Length	Max Press
686845	GR-4G15	1/2"	15 M	2 M	13.8 MPa

AIR OPERATED GREASE DRUM PUMP KIT SKR-200EXS

Air-operated grease pump complete with drum cover, follower plate, hose, and control valve

High performance

Air operated piston pump with 63mm-dia.-air motor is designed to work in tough conditions and are ideal for use in industry, workshop, farm, construction, mining, etc.

Complete set

Air regulator with gauge, PM type quick air coupler, and follower plate fits to pail are equipped as standard

Optional accessory

DT-200EXS drum trolley is available as an optional accessory



Model No.	Model	Pump Ratio	Delivery	Air Supply Press	Max Press	Air Consumption	Noise Level	NLGI	Weight
686844	SKR-200EXS	50:1	Up to 14 L/min.	0.2 – 1.0 MPa	50 MPa	230 NL/min.	81 dB	Up to No.2	32 kg

OIL CONTROL GUNS ODV-30/ODV-30D

Heavy duty gun complete with steel extension with manual non-drip nozzle for controlling fluid deliveries in most demanding applications

Lightweight

Aluminum die cast body and ergonomically designed plastic grip improves operability

Easy and secure

Swivel at the inlet is easy to handle, and strainer in the swivel keeps contamination, dust, etc. away from entering the gun.

Clean

Manual non-drip nozzle prevents oil drop and keep working environment clean

Convenient

Built-in continuous flow switch reduces fatigue

Accuracy (ODV-30D)

Super accuracy by oval gear mechanism

Long life (ODV-30D)

LCD using one 3V lithium ion battery indicates with life up to 5 years

Calibration (ODV-30D)

Easy user re-calibration

Measure (ODV-30D)

Measures in Liters, US Gallons, Quarts, Pints, Ounces and Deciliters



Model No.	Model	Delivery	Max Press	Temp Range	Max Viscosity	Accuracy	Repeata- bility	Pressure Loss	Water Resist.	Weight
686857	ODV-30	Up to 30 L/min.	7 MPa	14 55°C	SAE 140					0.8 kg
686858	ODV-30D	1 – 30 L/min.	/ IVIFa	-14 – 55°C	/ 1000 cP	+/-0.50%	0.20%	0.07 MPa	IP65	1.4 kg

MULTIFUNCTIONAL DRUM TROLLEY DT-200EXS

Rugged build with outstanding features make this trolley ideal for use in workshops and industrial floors for transfer of large 200 L drum

Full of useful ideas

Not only for moving the trolley, the removable handle function as a drum loader and a drum wrench

Robust

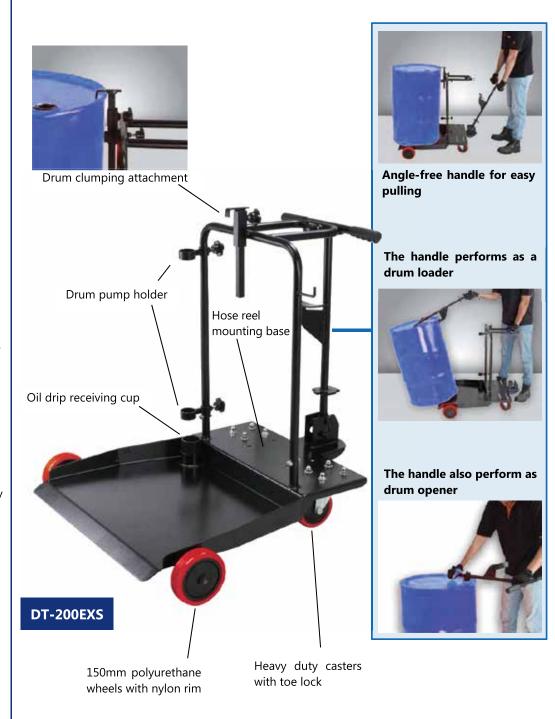
Manufactured from heavy gauge 4mm thick steel sheet for increased strength and durability

Smooth

75mm ground clearance for smooth movement over uneven surfaces in workshop environment, and 150mm dia. polyurethane front wheels with nylon rim for reduced wear and tear

Safety

Heavy duty rear casters with toe locks, drum clamping attachment, and safety chain for higher safety and stability



Model No.	Model	Weight
686855	DT-200EXS	35 kg

HAND ROTARY PUMPS RDS-1/RDS-3

1/1 and 3/1 gear ratio available rotary barrel pump with aluminum die cast pump body, heavy duty zinc die cast rotor and vanes

Lightweight

Easy to carry and install with lightweight aluminum die-cast body

Ready-to-use

Comes with 2" cast iron bung adapter and discharge hose

Optional accessory

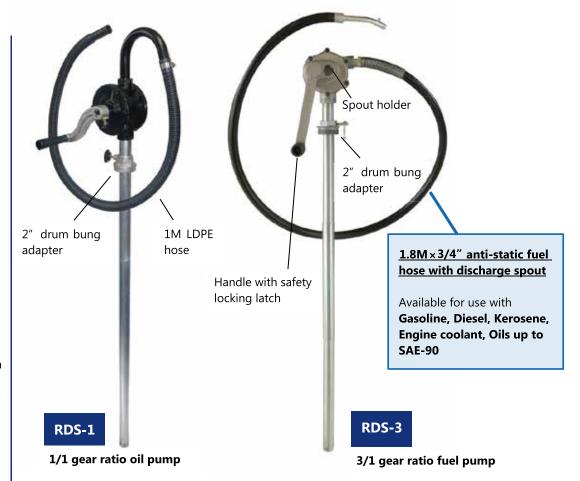
OJR-2 drip pan is available as an optional accessory for RDS-1

3/1 gear ratio (RDS-3)

By one handle turn, the rotor turns 3 times, which is ideal for use where volume fuel dispensing is needed such as construction sites, workshop, aviation, farms, etc.

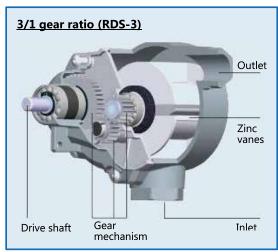
Fuel transfer (RDS-3)

Comes with anti-static hose suitable for transferring flammable fuel





Drip pan (Optional accessory for RDS-1)



Model No.	Model	Gear Ratio	Delivery	Weight	Usable Media	Non-usable media
686836	RDS-1	1/1	10 L/ 35 turns	3.6 kg	Oils, Engine coolant	Fuels, Solvent, Corrosive media, etc.
686837	RDS-3	3/1	10 L/ 20 turns	4.6 kg	Gasoline, Diesel, Kerosene, Engine coolant, Oils up to SAE-90	Corrosive media, Solvent, etc.

WASTE OIL DRAINERS OD-30EXS/OD-50EXS

Oil drain with wheel mounted tank for gravity drainage of motor, engine, gear oils, and transmission and power steering fluids, etc. from motor vehicles placed on auto lift or pit

Simple and easy

Designed for excellent mobility, easy bowl positioning, and simple to use gravity evacuation

Receiving oil cleanly

Large 10 L capacity bowl comes fitted with antisplash screen, which height adjustable and can be optimally positioned allowing oil draining as well as other maintenance operations

Robust

Durable all-steel design and reinforced casters

Visible

Tank comes fitted with level gauge to check waste oil level



Model No.	Model	Tank Capacity	Bowl Capacity	Bowl Inner Dia.	Max Height	Min Height	Weight
686874	OD-30EXS	30 L	10 L	355 mm	1,400 mm	1,016 mm	14 kg
686875	OD-50EXS	50 L	10 L	355 mm	1,613 mm	1,016 mm	16.5 kg

AIR OPERATED DOUBLE DIAPHRAGM PUMP "GLOBAL SERIES"

Air operated positive displacement pump useful for transfer contaminated media such as mix of waste oil, water, antifreeze, etc. even with high solids content

Portable and simple

Simply connect air supply line and the pump perform everywhere without no complex controls

Explosion proof

Operated by compressed air... intrinsically safe

Handle a wide variety of fluids with high solids content

No close fitting or rotating parts so liquid with high solids content and/or size can be easily pumped

Self-priming

Allows high suction lift even at dry start-up and with heavier fluids

Ability to run dry

Can run dry without damage

Variable flow rate and discharge pressure

Simply adjust the air inlet pressure

Dead head

When discharge line is closed, the pump will simply slow down and stop with no damage or wear

Submersible

Can be submerged in the liquid by simply running the exhaust line above the liquid level









Model No.	Model	Size	Casing	Diaphragm /Ball Check Valve	Max Delivery	Air Supply Pressure	Max Solid Size	Discharge Volume Per Cycle	Suction Lift (Dry)	Air Consump- tion	Max Liquid Temp	Wt
854877	G25AN	1"	Aluminum	NBR	140 L/min.	0.2 – 0.7 MPa	3 mm	600 mL	5 M	900 NL/min.	80 °C	8.7 kg

COMPANY PROFILE

Company name	YAMADA CORPORATION
Logo	® yamada
Established	December 20, 1939 (Since 1905 as a private enterprise)
Listing	Second section of the Tokyo Stock Exchange
Description of business	Manufacturer and sales of pneumatic, hydraulic, electric driven and other types of pumps and associated equipment. Manufacturer and sales of transfer, spray and suction pumps and equipment for gas, liquid, powder, viscose and granulate materials
Quality certification	ISO 9001, CE
Head office	No.1-3, 1-Chome, Minami-magome, Ota-ku, Tokyo 143-8504 Japan
Main factory	No.2-38, 1-Chome, Miyashimo, Chuo-ku, Sagamihara-shi, Kanagawa 252-0212 Japan
Sales branches	Sapporo, Sendai, Tokyo, Nagoya, Osaka, Hiroshima, Fukuoka
Subsidiaries	Yamada Metal Tech Co., Ltd., Yamada Products Service Co., Ltd.
Overseas subsidiaries	Yamada America, Inc. (USA) Yamada Europe B.V. (The Netherlands) Yamada Shanghai Co., Ltd. (China) Yamada (Thailand) Co., Ltd. (Thailand)

Company History

- 1905 Established by the late Jujiro Yamada. Factory established in Shiba-ku (now Minato-ku), in Tokyo and commences the manufacture of valves and cocks.
- 1923 The late Shotaro Yamada succeeds his father and begins to manufacture hand grease guns.
- 1939 The factory is reorganized and incorporated as Tokyo Yamada Yuki Seisakusho (Capital JPY 180,000).
- 1947 The company name is changed to Yamada Yuki Seizo.
- 1962 (May) The head office moves to Magome-Higashi 4-Chome, Ohta-ku, Tokyo.

(September) Company shares are traded in the Second Section of the Tokyo Stock Exchange.

- 1963 A new main factory is built in Sagamihara City, Kanagawa Prefecture.
- 1969 The company increases its capital to JPY 600 million.
- 1986 (June) Yamada Europe B.V. is established in The Netherlands.

(November) Yamada America, Inc. is established in the United States.

1990 (March) The company logo is changed from "Yamada Pumps" to "Yamada "

(October) The company name is change to Yamada Corporation.

1996 (April) Yamada Products Service Co., Ltd. (100% owned) is established.

(September) Yamada Corporation certified as ISO 9001 compliant.

2003 (October) Sagamihara factory certified as ISO 14001 compliant.

2004 (October) Shanghai representative office is established in China.

(November) Head quarter and sales branches certified as ISO 14001 compliant.

2005 Yamada Corporation celebrates its 100th anniversary.

2007 Yamada Shanghai Co., Ltd. is established in China.

2014 Bangkok representative office is established in Thailand

2015 New head office building is completed

2016 (September) Bangkok representative office is closed

(October) Yamada (Thailand) Co., Ltd. is established in Thailand



Yamada Corporation Head Office

Overseas Sales Network



Yamada America, Inc.



Yamada Europe B.V.



Yamada Shanghai Co., Ltd.



Yamada (Thailand) Co., Ltd.





Yamada offers a large range of Lubrication Equipment to cater for many different kinds of materials and conditions. When selecting the most appropriate pump for a particular selection and installation please consult your local Yamada Pump Distributor or Yamada Corporation.

Your Local Distributor:

YAMADA CORPORATION

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All product specifications and data are subject to change without notice.

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