

## Oil Barrel Pump

Stock Code	AT00152
Model	KZ-9Q-3
Drum application	180-200kgs 400-484 lbs
Pressure ration	3:1
Working pressure	5.8 bar 70-115psi
Max.fluid pressure	24 bar
Air motor effective diameter	70mm
Air consumption	8 bar 110L/min
Max.free flow rate	12L/min
Suction tube diameter	50mm/1.97"
Suction tube length	940mm/37"
Air inlet connection	1/4" NPT
Oil outlet connection	1/2" Npsm
Weight	6kgs/13lbs
Package volume	150x150x1500mm



## Grease Barrel Pump

Stock Code	AT00183
Model	KZ-13H
Drum application	180-220kgs
Pressure ration	50:1
Working pressure	5-8 bar
Max.fluid pressure	400 bar
Cylinder Dia	70mm
Air consumption	8 bar 120L/min
Max.free flow rate	800g/min
Suction tube diameter	32mm/1.26"
Suction tube length	940mm/37"
Air inlet connection	1/4"
Grease outlet connection	1/4"
Weight	6kgs/13lbs
Package volume	150x150x1500mm



## Portable Air Grease Lubricator

Stock Code	AT00153
Model	KZ-10Q
Pressure Rate	50:1
Dia of Cylinder	70mm
Oil Consumer	0.7L/Min
Air Pressure	0.6-0.8Mpa
Travel	35mm
Output Pressure	30-40Mpa
Cubage	30L
Hose	1/4"x2Wx5M
N.W	14kg
G.W	15kg
Measurement	375x375x815mm



## Air Grease Lubricator

Stock Code	AT00154
Model	KZ-12Q
Pressure Rate	50:1
Dia of Cylinder	70mm
Oil Consumer	800g/Min
Air Pressure	0.6-0.8Mpa
Travel	35mm
Output Pressure	30-40Mpa
Cubage	40L
Hose	1/4"x2Wx5M
N.W	14kg
G.W	15kg
Measurement	405x405x815mm



## Hand Operated Pump

Stock Code	AT00157
Model	KZ-24Q
Oil Consume	0.13kg/1 stroke
Output Pressure	20-25Mpa
Cubage	25L
N.W	10kg
Measurement	400x400x600mm



## Lever Grease Pump

Stock Code	AT00158
Model	KZ-26Q
Oil Consume	0.005kg/1 stroke
Output Pressure	20-25Mpa
Cubage	25L
N.W	10kg
Measurement	400x400x600mm



## Air Grease Lubricator

Stock Code	AT00155
Model	KZ-20Q
Pressure Rate	50:1
Dia of Cylinder	70mm
Oil Consumer	0.7L/Min
Air Pressure	0.6-0.8Mpa
Travel	35mm
Output Pressure	30-40Mpa
Cubage	190L
Hose	1/4"x2Wx5M
Load Capacity	180-220kg
N.W	22.5kg
G.W	24.5kg



## Air Grease Lubricator

Stock Code	AT00156
Model	KZ-18Q
Ratio pump	TO-102H
Air regulator	91015
Drum application	20-60kg
Drum trolley	90303
Drum cover	90401-2
Follower plate	90501-2
Grease gun	90103A
Connection hose	90601-3
Grease hose reel	/
Weight	22.5kg
Package volume	745x160x160mm 705x435x150mm



## Trolley For Drums

Stock Code	AT00159
Model	KZ-89012
Load	30-50kg



## Trolley for Drums

Stock Code	AT00160
Model	KZ-89013
Load	180-220kg



AT00162

Luxury Air Grease Gun  
Model: KTT-89002



AT00163

Air Grease Gun  
Model: KTT-89003



AT00164

Universal Wheel of Grease Gun  
Model: KZ-89004



AT00165

Nozzle Hose  
Model: KZ-89005



AT00177

K14013  
13" Flexible Extension



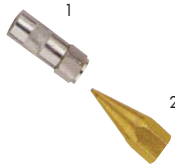
AT00178

K14021  
21" Flexible Extension

# Lubricating & Painting Products



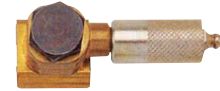
**AT00161**  
Vitta  
Model: KTT-89001



**AT00166**  
Mid-Nozzle  
Model: KTT-89006-1-2



**AT00168**  
**K14616**  
Standard Button Head Coupler  
for 16mm Coupler used



**AT00169**  
**K14622**  
Giant Button Head Coupler  
for 22mm Coupler used



**AT00167**  
**10111**  
Straight Type Swivel  
1/8 PT x 1/4PS



**AT00171**  
**K14614**  
Right Angle Needle Point



**AT00170**  
**K14611**  
Short Right Angle Coupler



**AT00176**  
**K14400**  
Coupler Only 1/8PT

## Electric Oil Pump

Barrel and Container Pumps with electric or compressed air motor, Eccentric Worm-drive Pumps, High Viscosity Liquid Pumps, Vertical Centrifugal Immersion Pumps.

Stock Code Type	AT00001 F417	AT00002 F408	AT00003 F448
Description	Light, portable pump for acids and alkalis, suitable for chemical trade, chemical and plating plants.	Barrel and container pump for thin, neutral and corrosive liquids.	Barrel and container pump for thin, neutral, corrosive liquids.
Examples of suitable liquids	Acids, alkalis, oils, non-inflammable solvents, fruit juices, neutral liquids.		Acids, alkalis, oils, non-inflammable solvents, fruit juices.
Delivery Rate max.	170 l/min	180 l/min	210 l/min
Delivery Head max.	4, 5 m	20 m	24 m
Viscosity range up to	300 mPas (≅ 300 cP)	560 mPas (≅ 560 cP)	750 mPas (≅ 750 cP)
Motor	Commutator motor, 420W with on/off switch and overload cut-out switch, 240, 220, 110 or 42 V AC.	T.e.f.c. commutator motor with on/off overload cut-out switch and no-volt release, 510 W: 240, 220 V AC, 410 W: 110, 42 V AC, 24 V AC/DC or 230 W: 12 V AC/DC.	T.e.f.c. commutator motor, 650 W, with on/off and overload cut-out switch and no-volt release, 240, 220, 110 or 42 V AC.
Protection Class	Double insulated protection class II, splash-proof, protected to IP 44, radio shielded, VDE, SEV, DEMKO, CSA standards.	Protection class I resp. III, splash-proof, protected to IP 55, radio shielded.	Protection class I resp. III, splash-proof, protected to IP 54, radio shielded.
Pump Tube Set Materials	Aluminium alloy (N), Stainless steel 1.4571 (S) or 1.4301 (S2), Hastelloy C (HC), Polypropylene (K/PP) or Polyvinylidene fluoride (K/PVDF) The pump tube sets in stainless steel (S and S2) and in Hastelloy C (HC) are approved for use in Zone 0 according to IEC.		
Outer tube f	40 to 60mm, dependant in the material of construction and the required pump output.		
Immersion Length	Standard: 700, 1000, 1200mm; Special length: up to 3000mm ma. on request. New: Pump tube sets type F 425 S041/34 and type F 425 K/PP-50/34 for emptying barrels up to 99.98%		
Seal Type	With mechanical seal (sliding ring gasket) on pump tube sets F 410N, F 410NT, F 420S, F 420 S2, F 420 HC, F 430 K/PP, F 430 K/PVDF, F 425 S and F 425 K/PP or in sealless version on pump tube sets F 424 S, F 424 K/PP and F 424 K/PVDF.		
Weight of Pump	3, 5kg	7-9kg	8-12kg



F417  
AT00001



F408  
AT00002



F448  
AT00003

Lubricating & Painting Products

## Grease Gun



Germany 500cc  
AT00025



KH-350 (500cc)  
AT00026



KH-35 (300cc)  
AT00028



Oil Gun  
AT00129



KH-1100 (1000cc)  
AT00027



CH-400 (400cc)  
AT00029

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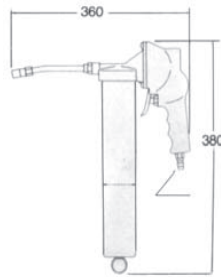
# Lubricating & Painting Products

## Electric & Air Powered Grease Gun

**851702 APG-400 Air Powered Grease Gun**  
Heavy duty Air operated grease gun accepts 400g bellows grease cartridge. Pulling the lever once enables grease to discharge approximately 1g.

### Specifications

Container Capacity	Output	Output Pressure	Voltage	Net Weight (kg)
Original Grease CARTRIDGE 400g	2-9kgf/cm <sup>2</sup> (0.2-0.9MPa)	1g / stroke	450kgf / cm <sup>2</sup> (45MPa)	2.1



851702  
APG-400 Air-Operated Type  
AT00033

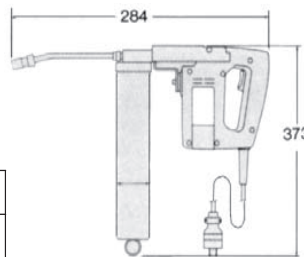


## Electric & Air Powered Grease Gun

**851293 EG-400A AC-100V Type Grease Gun**  
This electric driven grease gun is powered by AC 100V which is common power supply worldwide. Maximum portability and easy operation will realize quick work due to high discharging pressure.

### Specifications

Container Capacity	Output	Output Pressure	Voltage	Net Weight (kg)
Original Grease CARTRIDGE 400g	1.6g/sec. (60kgf/cm <sup>2</sup> LOAD)	500kgf/cm <sup>2</sup> (50MPa)	AC-100V 50-60Hz	3.2



851293  
EG-400A AC-100V Type  
AT00034

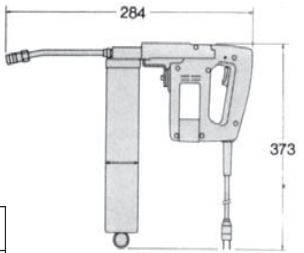


## Electric & Air Powered Grease Gun

**851706 EG-400D DC-24V Battery Type Grease Gun**  
This electric driven grease gun is powered by DC 24V battery which is installed in heavy construction vehicles. Maximum portability and easy operation will realize quick work due to high discharging pressure. Note: Anti overload device is not include in this unit. In order to protect battery, anti overload wire code must be used.

### Specifications

Container Capacity	Output	Output Pressure	Voltage	Net Weight (kg)
Original Grease CARTRIDGE 400g	1.6g/sec. (60kgf/cm <sup>2</sup> LOAD)	320kgf/cm <sup>2</sup> (32MPa)	DC-24V /430W	3.2



851706  
EG-400D DC-24V Type  
AT00035

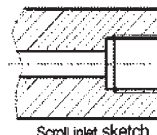
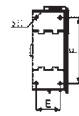
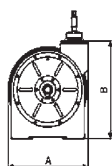


## Water Hose Reels (IRON Drum Single Armed)

- Widely used for transferring air, water and grease
- Single arm base with fortified arm on the side for stronger
- Long life design of driving spring
- Two bearings structure make working life longer



AT350A1  
AT350B1  
AT350C1



Stock Code	Length (mm)	I.D. (mm)	O.D. (mm)	Material	W.P. (bar)	Scroll inlet Internal thread	Hose outlet Internal thread (C type)	Packaging size (LxWxH)mm	N.W. (kg)
AT350A1	10	6	15	S.A.E. 100R1AT	320	ZG1/4"	G1/4"	355x240x450	13
AT350B1	12	6	15	S.A.E. 100R1AT	320	ZG1/4"	G1/4"	355x240x450	14
AT350C1	15	6	15	S.A.E. 100R1AT	320	ZG1/4"	G1/4"	355x240x450	15

## Multi Purpose Grease

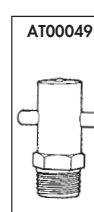
AT00036



## Grease Nipple



Straight		90°		45% S.S.	
Stock Code	Size	Code No.	Size	Code No.	Size
AT00037	1/8"	AT00041	1/8"	AT00045	1/8"
AT00038	1/4"	AT00042	1/4"	AT00046	1/4"
45%		S.S. Straight		90% S.S.	
Stock Code	Size	Code No.	Size	Code No.	Size
AT00039	1/8"	AT00043	1/8"	AT00047	1/8"
AT00040	1/4"	AT00044	1/4"	AT00048	1/4"



Pin Type	
Stock Code	Size
AT00049	1/8"
AT00050	1/4"

Button Type	
Stock Code	Size
AT00051	1/8"
AT00052	1/4"



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Stock Code	Model	Feed Type	Std Nozzle (mm)	Opt. Nozzle (mm)	Cup Cap. (L)	Air Inlet (NPS)	Air Hose (NPS)	Avg. Air Consumption (l/min)	Net Wt. (kg)	Recommended Air Pressure (PSI)
AT00131	SP-8500	GRAVITY	1.4	1.7, 2.0	0.6	1/4"	3/8"	250	0.47	50-80
AT00132	SP-1109R	GRAVITY	1.4	1.7, 2.0	0.6	1/4"	3/8"	250	1.4	15-43
AT00133	SP-8000	SUCTION	1.6	1.2, 1.5, 1.8, 2.0	1	1/4"	3/8"	200-400	1.1	30-70
AT00142	SP-1140R	SUCTION	1.6	1.0, 1.5, 1.8, 2.0	1	1/4"	3/8"	200-400	1.1	30-70

### Air Paint Tank (Manual Type)

- AT 00126 (20L) SP 2020
- AT 00137 (30L) SP 2030
- AT 00138 (40L) SP 2040
- AT 00139 (60L) SP 2060

### 10L Paint Tank (Inside Coating: Telfon)

AT00127 SP-2010

### 10L Paint Tank w/Hose & Spray Gun

AT00135 SP-1180S Spray Gun Only

AT00134 SP-2250 10 litre Paint Tank Complete Set

AT00136 SP-1180T Paint Tank Only

### SP 60-8

30:1 Airless Pump  
Working Pressure: 2-8kg/cm<sup>2</sup> (30-120psi)  
Max. Outlet Pressure: 240kg/cm<sup>2</sup> (3600psi)  
Flow rate: 4L/min  
Air Inlet: 3/8 or 1/2PT  
Suction Inlet: 3/4PT  
Discharge Outlet: 3/8PT

AT00128

### Electric Piston Pump Airless Sprayers

Stock Code	AT00189
Model	SP021
Motor Type	DC (TEFC)
Power Input	1000W
Voltage	230V / 50Hz, 110V / 60Hz
Max Tip Size	0.021in.
Max Flow	2.1 l/min (0.55gpm)
Max Pressure	207 bar (3,000 PSI)
Net Weight	29.4kg (64.68Lbs)

Our airless sprayers can handle a very wide range of paint types. The can use, among others:

- Wood interior: lacquer, varnish, stain, sealer, enamel,
- Ceiling: high-build'
- Wood exterior: exterior stain, vinyl, acrylic, latex,
- Masonry: alkyd, vinyl, latex, elastomeric, block filler,
- Strural steel: heavy coatings



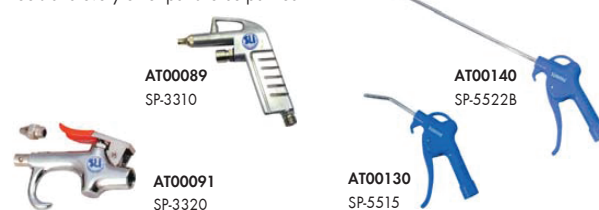
### Engine Cleaner

Cleaning gun suitable for cleaning machines and tools with strong spraying of rinse oil or gasoline.



### Air Duster


The air duster are suitable to take away any dust and chips on the surface of machine tools and every other parts to be painted.



# Lubricating & Painting Products

**Plastic Pump**

Specifications		
Stock Code	AT00092	AT00093
Model No.	PP4G	PP44G
Applications	Kerosene, Diesel, Gasoline, Water, Wine	
Delivery Volume	21.6 l/min, 5.3U.S.G./min	
Material	Polythylene	
Pum Length	1190m/m	
Suction Pipe	22m/m x 875 m/m (inside dia)	
Delivery Pipe	20m/m x 1180 m/m (inside dia)	
Gross Weight	11kg	
Dimension	1237 x 420 x 257	
Packing Unit	20	



AT00092

**Drum Faucet**



AT00102


**Jet Oiler**



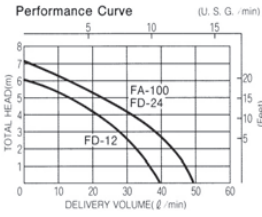
AT00105

**FA • FD Transfer Pump**

IMPORTANT: This pump is not for use with liquids having a low-flash point, such as gasoline.




AT00094      AT00095



Performance Curve (U. S. G. -min)

**Oil Can (Pump Type)**


Stock Code	Size
AT00103	300CC
AT00104	500CC



AT00103

**Plastic Oil Jug**

Stock Code	Size
AT00106	1L
AT00107	2L
AT00108	3L
AT00109	5L



AT00106

Specifications			
Stock Code	AT00096	AT00095	AT00094
Model No.	FA-100	FA-24	FD-12
Connection Dia	20m/m (3/4")		
Connection Thread	Inner Pipe Thread		
Total Head	7m 23Ft	6m 19.5Ft	
Delivery Volume	50l/min 13U.S.G.min (Kerosene Light Oil)		40 l/min 1U.S.G.min (Kerosene Light Oil)
Type	Enclosed-Fan-Cooled Commutator		
Voltage	AC-110V	AC-220V~240V	DC-24V DC-12V
Rated Current	2A	1A	7A 14A
Power	100W	90W	80W
Revolution	7500rpm	7300rpm	7000rpm
Rating	Continuous		
Power Cord	5m Oil-Proof Rubber Insulated		
Delivery Hose	2m Gasoline-Proof Rubber Hose		
Gross Weight	20kg		
Dimension	1228 x 291 x 172		
Packing Unit	2	2	2

**Galv'd Oil Can**


Stock Code	Size
AT00110	1L
AT00111	2L
AT00112	3L
AT00113	5L



AT00110

**Plastic Funnel**


Stock Code	Size
AT00114	4"
AT00115	6"
AT00116	8"
AT00117	12"



AT00114

**Rotary Pump**


Stock Code	Model
AT00097	44G CHINA
AT00098	44GALON JAPAN



AT00097

**Galv'd Funnel**

Stock Code	Size
AT00118	4"
AT00119	6"
AT00120	8"
AT00121	12"



AT00118

**Semi Rotary Pump**


Stock Code	Size
AT00099	1"
AT00100	1 1/2"
AT00101	2"



AT00099

**Measuring Cylinder**

Stock Code	Size
AT00122	1L
AT00123	2L
AT00124	3L
AT00125	5L



AT00122

Lubricating & Painting Products