



AUTOMATIC LUBRICATION SYSTEM



Automatic Lubrication System is designed to provide automatic lubrication for machines and equipment, enhancing efficiency, reliability, lifespan, and reducing maintenance costs. This system is used in the mining, cement, steel, food & beverage, and maritime industries. Types of systems include Single-Line, Dual-Line, Progressive, Centralized Grease, and Oil Mist, selected based on equipment needs to optimize performance and productivity while minimizing downtime and costs.

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About Us

PT Jomon Persada Nusantara has grown rapidly since its establishment in 2017, earning the trust of various industry players in Indonesia. We focus on providing high-quality optional equipment and reliable after-sales services, offering the right solution for companies that want to maintain the optimal performance of their heavy equipment in all operating conditions.

We offer various types of automatic lubrication systems, including:

- Single Line System
- Progressive System
- Dual Line System
- Single Point Lubrication

Each type of system has its own operating principles and advantages, designed to accommodate operational needs, machine types, and the complexity of lubrication points. The autolube system functions to automatically and periodically deliver lubricant to friction points at predetermined intervals, using either hydraulic or electromechanical systems. The primary purpose of using this system is to:

- Reduced replacement rate of components and bearings up to 50%.
- Decreased machine labour costs by ~ 50%. Improved safety
- No climbing on and around machinery or inaccessible areas.

We offer comprehensive solutions for commercial vehicles and heavy equipment through the collaboration of two trusted brands: **Qingdao Paguld** and **Groeneveld-BEKA**. **Qingdao Paguld** is a manufacturer of high-quality commercial vehicle components, such as fifth wheels, landing gear, king pins, and other trailer accessories. With strict manufacturing standards and competitive pricing, Paguld has become the top choice in the transportation and logistics industry.

Meanwhile, **Groeneveld-BEKA** offers cutting-edge technology in automatic lubrication systems, vehicle safety systems, and operational efficiency solutions. **Groeneveld-BEKA** products are designed to enhance engine reliability, extend equipment lifespan, and reduce downtime and maintenance costs.



AUTO LUBRICATION SYSTEM

SINGLE LINE PUMP



STREAM H-BARE PUMP, FOR 60LBS WITH RELIEF VALVE

Part Number	ADFA0218
System	Hydraulic driven rotary pump, Stream H, BEKA
Capacity	Capacity 41L
Drive pressure	20 - 250 bar (290 - 3625 psi)
Volume flow	6-12 l/min
Solenoid Oil	3/2 way valve for driven oil
Spec Grease	up to NLGI-2
Return pressure	Max. 3 bar (43 psi)
Application	Single line system

INCLUDE

	Directional Control Valve OIL HYD Stream H	AAEN0589		Magnetic Coil, Stream H	ADFA2630
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STREAM-H, 60 LB, HYDRAULIC PUMP KIT, ASSY

Part Number	ADFA2581
System	Hydraulic driven rotary pump, Stream H, BEKA
Capacity	Capacity 41L
Drive pressure	20 - 250 bar (290 - 3625 psi)
Volume flow	6-12 l/min
Solenoid Oil	3/2 way valve for driven oil
Spec Grease	up to NLGI-2
Return pressure	Max. 3 bar (43 psi)
Application	Single line system

INCLUDE

Photo	Description	Part Number	Photo	Description	Part Number
	Grease Tank Autolube Stream H 41L	ADEA0526		Directional Control Valve OIL HYD Stream H	AAEN0589
	Pressure Gauge 0-500 PSI	ACCJ2752		Magnetic Coil, Stream H	ADFA2630
	Pressure Gauge 0-5000 PSI	ACCJ2745		Directional Control Valve Grease, Stream H	JAAB3928
	Electronic Pressure Switch	ADFA0274			

"Need a complete package for unit installation? Contact our sales directly"

Applications

applications but is most commonly used for large construction and mining applications like wheel loaders, excavators, dozers, graders, drilling, and truck.



Wheel loaders



Excavators



Dozers



Graders



Drilling



Truck



STREAM H-BARE PUMP, FOR 400LBS WITH RELIEF VALVE

Part Number	ADFA0218
System	Hydraulic driven rotary pump, Stream H, BEKA
Capacity	Capacity 200L
Drive pressure	20 - 250 bar (290 - 3625 psi)
Spec Grease	up to NLGI-2
Application	Single line system

INCLUDE		
	Directional Control Valve OIL HYDStream H	AAEN0589
	Magnetic Coil, Stream H	ADFA2630
	Pump Element, Stream H	JAAB3928



STREAM-H LOW LVL, FOLLOWER PLATE, DRUM COVER, 400LBS (exclude drum 400lb)

Part Number	AAEX9010
System	Hydraulic driven rotary pump, Stream H, BEKA
Capacity	Capacity 180KG
Drive pressure	20 - 250 bar (290 - 3625 psi)
Volume flow	6-12 l/min
Solenoid Oil	3/2 way valve for driven oil
Spec Grease	up to NLGI-2
Return pressure	Max. 3 bar (43 psi)
Application	Single line system

INCLUDE					
Photo	Description	Part Number	Photo	Description	Part Number
	Drum Cover with low level	ADFA1901		Electronic Pressure Switch	ADFA0274
	Follower Plate	ADFA1915		Directional Control Valve OIL HYD Stream H	AAEN0589
	Pump Element, Stream H	JAAB3928		Magnetic Coil, Stream H	ADFA2630
	Pressure Gauge 0-500 PSI	ACCJ2752		Directional Control Valve Grease, Stream H	JAAB3928
	Pressure Gauge 0-5000 PSI	ACCJ2745			

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INJECTOR



BL-1 INJECTOR

Part Number	Type
ADFA0225	REPLACEMENT BL-1 INJECTORS
ADFA0386	BL-1 INJECTOR REPAIR KIT
ADFA0379	BL-1 INJECTOR SEALS KIT
Operating pressure	Min. 140 bar (2030 psi)
	Max. 240 bar (3480 psi)
Relief pressure	< 50 bar (725 psi)
Temperature range	-26 up to 90° C (-14 up to 194° F), depending on lubricant
Lubricant	Oil, fluid grease, grease up to NLGI-2
Metered volume	Adjustable between 0.2 to 1.2 cc per stroke and outlet
No. of outlets or metering valves per manifold	Min. 1
	Max. 6
Material	Steel, corrosion protected
Application	Single Line



PROTECTIVE CAP BL-1

Part Number	ADFA0267
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MANIFOLD, BL-1 INJECTOR

Part Number	Type
ADFA0607	BL 1-2 MANIFOLD
ADFA0575	BL 1-3 MANIFOLD
ADFA0582	BL 1-4 MANIFOLD
ADFA0589	BL 1-5 MANIFOLD
ADFA0596	BL 1-6 MANIFOLD
Application	Single Line
Operating Pressure :	Min. 140 Bar ; Max. 240 Bar
Relief Pressure :	>50 Bar
Dosage Volume :	200 - 1200 Mm3
Medium :	Oil, Grease (Grease up to NLGI-cl.2)
Outlet Fitting Size :	1/8-27 NPTF
Manifold Fitting Size :	3/8-18 NPTF
Material :	Steel with Anti Corossion Coating
Application	Single Line System





REPAIR KIT, STREAM-H HYDRAULIC PUMP

Part Number	AAEX9045
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Application	Single Line
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FLAT GASKET, STREAM-H

Part Number	AAEX9052
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Application	Single Line
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O-RING, STREAM-H

Part Number	AAEX9059
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	AAEX9066
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Application	Single Line
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PUMP ELEMENT, STREAM -H

Part Number	JAAB3928
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Application	Single Line
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DIRECTIONAL CONTROL VALVE, OIL HYD, STREAM-H

Part Number	AAEN0589
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Application	Single Line
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MAGNETIC COIL, HYD, SYSTREAM H

Part Number	ADFA2630
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Application	Single Line
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GVBK PUMP TWIN 40L



Part Number	ADFA2339
Operating Principle	Electric barrel pump
Outlets	1
Delivery Volume	20 cm ³ /min
Spec Grease	Grease NLGI-0 up to NLGI-2
Operating Temperature	-20 up to +70 °C (-4 up to 158 °F)
Operating Pressure	max. 250 bar (3625 psi)
Reservoir	40 L
Material	Steel
Supply Voltage	24 VDC
Protection class	IP67

INCLUDE

Photo	Description	Part Number	Photo	Description	Part Number
	Grease Tank Autolube Stream H 41L	ADEA0526		Electronic Pressure Switch	ADFA0274
	Pressure Gauge 0-5000 PSI	ACCJ2745			

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CONTROL TIMER

EXTERNAL CONTROL UNIT, TRONIX1-E



Part Number	ADFA0365
Supply voltage	10 to 60 V DC
Temperature Range	IP 41
Time Control	Dwell Time 1 0 - 75 S
	Cycle Time 10 - 300 Min
Application	Progressive

EXTERNAL TRONIC-E CONTROL TIMER



Part Number	ADFA0281
Supply voltage	10 to 60 V DC
Temperature Range	IP 41
Time Control	Lubrication Time 2 - 32 min
	Cycle Time 0.5 - 8 h
Application	Single Line

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Truck

SINGLE LINE PUMP REPAIR KIT, TWIN

Part Number : ADFA2006



SINGLE LINE PUMP ORINGS TWIN

Part Number

ADFA2034



SINGLE LINE PUMPING ELEMENT TWIN

Part Number

ADFA2027



SINGLE LINE DEVICE 5/2 WAY VALVE TWIN.

Part Number

ADFA2020



SINGLE LINE PUMP PRESSURE RELIEF VALVE TWIN

Part Number

ADFA2041



SINGLE LINE PUMP MOTOR COUPLING TWIN

Part Number

ADFA2048



SINGLE LINE PUMP MOTOR TWIN

Part Number

ADFA2013

Supply Voltage

24V



GIGA PUMP 16 LITRE, WITH 3 PE 250-G

Part Number	ADFA3339
Supply voltage	24 VDC
No. of outlets	Max. 3
Output	Depending on pump element
Maximum operating pressure	300 bar (4351 psi)
Pressure limiting valve	Adjusted to max 280 bar (4061 psi)
Rotational speed	17 r.p.m
Grease class	Grease NLGI-0 up to NLGI-2
Reservoir volume	16 litre
Temperature range	-30 up to +70°C (-22 up to 158°F)
Protection class	IP67
Application	Progressive

INCLUDE

	Reservoir Kit Tank 16 L	ADFA1936		Valve PE 250, 8mm	AAEN0568
	Coupler MF 1/2	AACJ2724	"Need a complete package for unit installation? Contact our sales directly"		

EP-S PUMP 24VDC, 4KG, BUILT IN CONTROLLER

Part Number	ADFA0827
Electric driven pump	Giga, BEKA
Reservoir	4 kg
Reservoir material	Plastic, Transparant
Operating pressure:	Max. 350 bar
Pressure limiting valve adjusted to	Max. 280 bar
Lubricant	Up to NLGI cl 2
Protection Class	IP65
Operating Voltage	12V-24V DC
Current Consumption	Max 3.2A at 24V DC; Max 7.5 A at 12 VDC
Speed (pump revolutions)	15 r.p.m.
Application	Progressive

INCLUDE

Photo	Description	Part Number
	Valve PE-120F	ADFA0841

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Applications

applications but is most commonly used for large construction and mining applications like wheel loaders, excavators, dozers, graders, drilling, and truck.



Wheel loaders



Excavators



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Drilling



Truck

METERING DEVICE



VALVE, PE-250 G WITH PRESSURE RELIEF, GIGA PUMP

Part Number **AAEN0568**

AAEN0568 8 mm

AAEN0575 6 MM

Delivery Rate **250 mm³/stroke**

Application **Giga Pump**

Pipe Connect **8 mm**



PE-120F WITH PRESSURE RELIEF VALVE (FIXED) - SPRING

Part Number **ADFA0841**

Delivery Rate **120 mm³/str**

Application **EP-S PUMP**

DISTRIBUTION BLOCK



DISTRIBUTOR MX-F75

Part Number Description

ADFA0757 **DISTRIBUTOR MX-F75 ASSY, 6 OUTLET**

ADFA0764 **DISTRIBUTOR MX-F75 ASSY, 8 OUTLET**

ADFA0771 **DISTRIBUTOR MX-F75 ASSY, 10 OUTLET**

ADFA0778 **DISTRIBUTOR MX-F75 ASSY, 12 OUTLET**

ADFA0785 **DISTRIBUTOR MX-F75 ASSY, 14 OUTLET**

ADFA1003 **DISTRIBUTOR MX-F75 ASSY, 18 OUTLET**

ADFA1737 **DISTRIBUTOR MX-F75 ASSY, 20 OUTLET**

ADFA2191 **DISTRIBUTOR MX-F75 ASSY, 22 OUTLET**

ADFA1148 **DISTRIBUTOR MX-F75 ASSY, 24 OUTLET**

Number Of Outlet **6-24**

Output Rate **75 mm³ Per Outlet**

Material **Steel Zinc With Anti Corrosion Coating**

Application **Progressive**



INITIAL ELEMENT

Part Number **ADFA0169**



MIDDLE ELEMENT

Part Number	Description	Output
ADFA0190	MIDDLE ELEMENT MX-F75	75 mm³
ADFA0197	MIDDLE ELEMENT MX-F105	105 mm³



END ELEMENT DISTRIBUTOR MXF BLOCK

Part Number	Description	Output
ADFA0204	END ELEMENT MX-F75	75 mm ³
ADFA0211	END ELEMENT MX-F105	105 mm ³

DISTRIBUTOR MX-F105

Part Number	Description
ADFA1088	DISTRIBUTOR MX-F105 ASSY, 6 OUTLET
ADFA1096	DISTRIBUTOR MX-F105 ASSY, 8 OUTLET
ADFA1103	DISTRIBUTOR MX-F105 ASSY, 10 OUTLET
ADFA1110	DISTRIBUTOR MX-F105 ASSY, 12 OUTLET
ADFA1116	DISTRIBUTOR MX-F105 ASSY, 14 OUTLET
ADFA1130	DISTRIBUTOR MX-F105 ASSY, 18 OUTLET
ADFA1137	DISTRIBUTOR MX-F105 ASSY, 20 OUTLET
ADFA1144	DISTRIBUTOR MX-F105 ASSY, 22 OUTLET
ADFA1148	DISTRIBUTOR MX-F105 ASSY, 24 OUTLET
Number Of Outlet	6-24
Output Rate	105 mm ³ Per Outlet
Material	Steel Zinc With Anti Corrosion Coating
Application	Progressive



TENSION ROD DISTRIBUTOR MXF BLOCK

Part Number	Description
ADFA0134	TENSION ROD M6X50 FOR OUTLET 6
ADFA0141	TENSION ROD M6X65 FOR OUTLET 8
ADFA0148	TENSION ROD M6X80 FOR OUTLET 10
ADFA0421	TENSION ROD 6/12 MX-F FOR OUTLET 12
ADFA0750	TENSION ROD 7/14 MX-F FOR OUTLET 14
ADFA1758	TENSION ROD 8/16 MX-F FOR OUTLET 16
ADFA1765	TENSION ROD 9/18 MX-F FOR OUTLET 18
ADFA1772	TENSION ROD 10/20 MX-F FOR OUTLET 20
ADFA1775	TENSION ROD 11/22 MX-F FOR OUTLET 22
ADFA1789	TENSION ROD 12/24 MX-F FOR OUTLET 24
Application	Progressive



SEALING SET, MXF DISTRIBUTOR BLOCK

Part Number	Description
ADFA0155	Sealing Set For Initial Element
ADFA0162	Sealing Set For Middle Element
Application	Progressive



TOOTH LOCK WASHER

Part Number	ADFA0414
Delivery Rate	Progressive





BEKA ONE 120 ML (REFILLABLE/CHARGE BATTERIES)

Part Number	ADFA2289
Operating principle	Electromechanical
Outlets	1
Delivery volume	0.24 cm ³ per cycle
Lubricant (Oil)	Oil ISO VG 31 – 680 mm ² /s (reservoir version only)
Lubricant (Grease)	Grease up to NLGI-2
Operating temperature (Alkaline)	+15°C up to +60°C (59 up to 140 °F)
Operating temperature (Lithium)	-20°C up to +60°C (-4 up to 140 °F)
Operating pressure	max. 20 bar (290 psi)
Reservoir	120 ml
Power supply	3 V (2x 1.5V) Standard Alkaline or rechargeable NiMH Batteries
Protection class	IP 65
Bracket Beka One	AAEB1295

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Applications

The most commonly used applications for large-scale factory and mining construction, such as conveyor and wind industries.



Conveyor



Wind Industries



PG203 ELECTRIC LUBRICATION PUMP

Part number	ADFA3007						
System pressure	35 Mpa						
Volume of reservoir	8L						
Operating voltage	12VDC, 24VDC, 230VAC						
Pump element Ml/minute	K5	K6-2.5	K6	K7	K8	KR7	KR8
	2,0	2,5	2,8	4,0	5	0,7-3	1,3-5
Number of pump element	1-3 pieces						
Grease outlet thread	G1/4 inner thread						
Operating temperature	-40°C ~ + 80°C						
Protection class	IP65						
Applicable grease type	Up to NLGI 2#						



PG230-DLP ELECTRIC LUBRICATION PUMP

Part number	ADFA3097						
System pressure	35MPa						
Volume of reservoir	8L						
Operating voltage	12VDC, 24VDC, 230VAC						
Number of pump element	3 pieces						
Grease outlet thread	G1/4 inner thread						
Operating temperature	-40°C ~ + 80°C						
Protection class	IP65						
Applicable grease type	Up to NLGI 2#						

Applications

applications but is most commonly used for large construction and mining applications like wheel loaders, excavators, dozers, graders, drilling, and truck.



Wheel loaders



Excavators



Dozers



Graders



Drilling



Truck



PG230 ELECTRIC LUBRICATION PUMP

Part number	ADFA3054						
System pressure	35MPa						
Volume of reservoir	8L						
Operating voltage	12VDC, 24VDC, 230VAC						
Pump element Ml/minute	K5	K6-2.5	K6	K7	K8	KR7	KR8
	2,0	2,5	2,8	4,0	5	0,7-3	1,3-5
Number of pump element	1-4 pieces						
Grease outlet thread	G1/4 inner thread						
Operating temperature	-40°C ~ + 80°C						
Protection class	IP65						
Applicable grease type	Up to NLGI 2#						



PG230U ELECTRIC LUBRICATION PUMP

Part number	ADFA3062						
System pressure	35MPa						
Volume of reservoir	8L						
Operating voltage	12VDC, 24VDC, 230VAC						
Pump element Ml/minute	K5: 2.0mL/minute K6: 2.8mL/minute						
Number of pump element	1-11 pieces						
Grease outlet thread	G1/4 inner thread						
Operating temperature	-40°C ~ + 80°C						
Protection class	IP65						
Applicable grease type	Up to NLGI 2#						

Applications

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Wheel loaders



Excavators



Dozers



Graders



Drilling



Truck



PG231 ELECTRIC LUBRICATION PUMP

Part number	ADFA3069						
System pressure	35MPa						
Volume of reservoir	8L						
Operating voltage	12VDC, 24VDC, 230VAC						
Pump element Ml/minute	K5	K6-2.5	K6	K7	K8	KR7	KR8
	2,0	2,5	2,8	4,0	5	0,7-3	1,3-5
Number of pump element	1-4 pieces						
Grease outlet thread	G1/4 inner thread						
Operating temperature	-40°C ~ + 80°C						
Protection class	IP65						
Applicable grease type	Up to NLGI 2#						

PG230-PLUS ELECTRIC LUBRICATION PUMP



Part number	ADFA3077						
System pressure	35MPa						
Volume of reservoir	8L						
Operating voltage	12VDC, 24VDC, 230VAC						
Pump element Ml/minute	3K7, 3K8 (General configuration) 12mL/minute, 15mL/minute						
Number of pump element	3-4 pieces						
Grease outlet thread	G1/4 inner thread						
Operating temperature	-40°C ~ + 80°C						
Protection class	IP65						
Applicable grease type	Up to NLGI 2#						

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Wheel loaders



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Dozers



Graders



Drilling



Truck



PG230-SLP ELECTRIC LUBRICATION PUMP

Part number	ADFA3082
System pressure	35MPa
Volume of reservoir	8L
Operating voltage	12VDC, 24VDC, 230VAC
Pump element MI/minute	3K7, 3K8 (General configuration) 12mL/minute, 15mL/minute
Number of pump element	3 pieces
Grease outlet thread	G1/4 inner thread
Operating temperature	-40°C ~ + 80°C
Protection class	IP65
Applicable grease type	Up to NLGI 2#



PG230-PLUS ELECTRIC LUBRICATION PUMP (Grease Capsule)

Part number	ADFA3089
System pressure	35MPa
Volume of reservoir	6L
Operating voltage	12VDC, 24VDC, 230VAC
Pump element MI/minute	General configuration 12mL/minute, 15mL/minute
Number of pump element	1-4 pieces
Grease outlet thread	G1/4 inner thread
Operating temperature	-40°C ~ + 80°C
Protection class	IP65
Applicable grease type	Up to NLGI 2#

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Drilling










Truck



EPG ELECTRIC FLOW MASTER 400 LB NO BUCKET, PAGULD (EXCLUDE DRUM)

Part number	ADFA3104
Maximum system pressure	35MPa
Product specification	180Kg
Motor operating voltage	24VDC
Motor power	200W
Motor speed	1500RPM
Reduction ratio	8:1, 20:1, 40:1
Displacement of each cycle	1.8cc
Grease outlet thread	1/4NPTF inner thread(Pump tube), 3/4NPTF inner thread(Lubrication pump)
Operating temperature	-40°C ~ + 65°C
Protection class	IP65
Applicable grease type	Up to NLGI 2#

INCLUDE					
Photo	Description	Part Number	Photo	Description	Part Number
	Drum Cover	AAEX4027		Electric Changeover Valve	AAEN0041
	Follower Plate	ADFA1915		Pressure Switch XMLA 300 BAR	ADFA9344
	Pressure Gauge 0-500 PSI	ACCJ2752		Safety Unloader	BBEF1379
	Pressure Gauge 0-5000 PSI	ACCJ2745			

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AUTO LUBRICATION SYSTEM

SINGLE LINE PUMP



HPG FLOW MASTER 60 LB, PAGULD, ASSY PUMP

Part number	ADFA9344
Maximum system pressure	35MPa
Product specification	27Kg
Solenoid valve operating voltage	24VDC
Relief pressure of Hydraulic grease	7-23bar
Hydraulic grease rate of flow	Max 7.6L/minute
Hydraulic grease Operating temperature	Maximum 93 °C
Pressure ratio	10:1
Displacement of each cycle	1.8cc
Grease outlet thread	1/4NPTF inner thread(Pump tube), 3/4NPTF inner thread(Lubrication pump)
Operating temperature	-40°C ~ +65°C
Applicable grease type	Up to NLGI 2#

INCLUDE

Photo	Description	Part Number	Photo	Description	Part Number
	Drum Cover	AAEX4027		Hydraulic Changeover Valvet	AAEN0034
	Pressure Gauge 0-500 PSI	ACCJ2752		Pressure Switch XMLA 300 BAR	ADFA9344
	Pressure Gauge 0-5000 PSI	ACCJ2745		Safety Unloader	BBEF1379

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Drilling



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HCH ELECTRIC LUBRICATION PUMP

Part number	ADFA3118
Product specification	18Kg、27Kg、41Kg、54Kg、180Kg
Maximum working pressure	30MPa
Solenoid valve operating voltage	24VDC
Pressure ratio	15:1
Displacement of each cycle	8.8cc
Grease outlet thread	1/4NPTF inner thread(Pump tube), 3/4NPTF inner thread(Lubrication Pump)
Hydraulic grease working pressure	20bar-205bar
Hydraulic grease rate of flow	0.25-3.0L/minute
Hydraulic grease operating temperature	Maximum 93
Pump operating temperature	-40°C ~ + 65°C
Applicable grease type	Up to NLGI 2#



AOGP PNEUMATIC PUMP

Part number	ADFA3125
Product specification	18Kg、27Kg、41Kg、54Kg、180Kg
Maximum working pressure	30MPa
Compressed air pressure	3-10bar
Solenoid valve operating voltage	24VDC
Pressure ratio	50:1
Displacement of each cycle	5.7cc
Maximum displacement per minute	0.43L/minute @75cycle
Grease outlet thread	1/4 NPTF inner thread (pump tube), 3/4 NPTF inner thread (lubrication pump)
Pump Operating temperature	-40°C ~ + 65°C
Applicable grease type	Up to NLGI 2#

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Graiders



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PG-LC24 INTELLIGENT CONTROLLER (FOR HPG / HCH PUMP)

Part number	AAEE0147
Working voltage	10-30VDC
Working temperature	-15°C ~ +50°C
Maximum output current	7A
Maximum output current of alarm signal	3A
Overload protection	Available
Protection class	IP54
Communication interface	RS232/RS485



CONTROLLER (FOR EPG PUMP)

Part number	AAEX0010
Working voltage	10-30VDC
Working temperature	-15°C ~ +50°C
Maximum output current	7A
Maximum output current of alarm signal	3A
Overload protection	Available
Protection class	IP54
Communication interface	RS232/RS485

AUTOLUBE CRUSHING HAMMERS



HDHL AUTOMATIC LUBRICATION PUMP FOR CRUSHING HAMMERS

Part number	ADFA3132
Maximum working pressure	120bar
Hydraulic pressure	40bar-250bar
Displacement	0.2cc/stroke
Adjustable Rotationspeed range	4-20 RPM
Factory preset rotationspeed	4 RPM
Grease	Up to NLGI 2#



PG-SSV Distributor

Part Number	Description
ADFA3393	Pg-ssv 6 Outlet
ADFA3184	Pg-ssv 8 Outlet
ADFA3999	Pg-ssv 10 Outlet
ADFA3179	Pg-ssv 12 Outlet
Number of ports	6-24 ports
Maximum working pressure	350bar
Maximum pressure difference between ports	100bar
Displacement of each port	0.2cc
Inlet thread	G1/8" inner thread
Outlet thread	M10x1 (Need to be equipped with an outlet one-way valve.)
Material	Carbon steel, galvanized nickel alloy
Working temperature	-40°C ~ +80°C



PG-SSVD Distributor

Part Number	Description
ADFA3181	Pg-ssvd 6 Outlet
ADFA3172	Pg-ssvd 8 Outlet
ADFA3175	Pg-ssvd 10 Outlet
ADFA3463	Pg-ssvd 12 Outlet
Number of ports	6-22 ports
Maximum working pressure	350bar
Maximum pressure difference between ports	100bar
Displacement of each port	K5 0.08cc/0.14cc/0.2cc/0.3cc/0.4cc/0.6cc/0.8cc/1.0cc/1.4cc/1.8cc
Inlet thread	G1/8" inner thread
Outlet thread	M10x1Need to be equipped with an outlet one-way valve.
Material	Carbon steel, galvanized nickel alloy
Working temperature	-40°C ~ +80°C



PG-DLDG DUAL-LINE DISTRIBUTOR

Part number	ADFA3151
Number of ports	2-8 ports
Maximum working pressure	400 bar
Displacement of each outlet	0-2.3cc/cycle (adjustable)
Inlet thread	G3/8 inner threadG
Outlet thread	G1/4 inner thread
Material	Carbon steel, galvanized nickel alloy
Working temperature	-40°C ~ +80°C



PG-DL DL DUAL-LINE DISTRIBUTOR

Part number	ADFA3165
Number of ports	2-8 ports
Maximum working pressure	400bar
Displacement of each outlet	0-5cc/cycle
Inlet thread	G3/8 inner thread
Outlet thread	G1/4 inner thread
Material	Carbon steel, galvanized nickel alloy
Working temperature	-40°C ~ +80°C



PGMD-1000 Distributor

Part Number	Description
ADFA3186	Pg-pgmd 6 Outlet
ADFA3184	Pg-pgmd 8 Outlet
ADFA3476	Pg-pgmd 10 Outlet
ADFA3482	Pg-pgmd 12 Outlet
Number of ports	6-24 ports
Maximum working pressure	350bar
Maximum pressure difference between ports	100bar
Displacement of each port	0.025cc/0.045c/0.075cc/0.105cc
Inlet thread	M10x1
Outlet thread	M10x1 (Need to be equipped with an outlet one-way valve.)
Material	Carbon steel, galvanized nickel alloy
Working temperature	-40°C ~ +80°C



PMBS Distributor

Number of ports	6-24 ports		
Maximum working pressure	241bar		
Maximum pressure difference between ports	100bar		
Part Number	Description	Double Ports	Single Ports
ADFA3193	PMBS-05	0,08	0,16
ADFA3293	PMBS-10	0,16	0,24
ADFA3345	PMBS-15	0,26	0,49
ADFA3351	PMBS-20	0,33	0,66
ADFA3357	PMBS-25	0,41	0,82
ADFA3363	PMBS-30	0,49	0,98
ADFA3369	PMBS-35	0,57	1,15
ADFA3375	PMBS-40	0,66	1,31
ADFA3381	PMBS-075	0,12	0,24
Inlet thread	G1/4 inner thread		
Outlet thread	G1/8 inner thread		
Material	Carbon steel, blue-white zinc plating		
Working temperature	-40°C ~ +80°C		

INJECTOR



PG-SL-44 Single-line Injector

Part number	Displacement of injector(cc)		Working pressure(bar)				Interface specification	
	MIN	MAX	MIN	MAX	TYPICAL	VENT	Installation base inlet	Injector outlet
ADFA3242	0.131	1.31	52	69	59	10	G3/8 3/8NPTF	1/8 NPTF



PG-SL-1 Single-line Injector

Part number	Displacement of injector(cc)		Working pressure(bar)				Interface specification	
	MIN	MAX	MIN	MAX	TYPICAL	VENT	Installation base inlet	Injector outlet
AAEX7847	0.131	1.31	127	241	172	41	G3/8 3/8NPTF	1/8 NPTF



PG-SL-V Single-line Injector

Part number	Displacement of injector(cc)		Working pressure(bar)				Interface specification	
	MIN	MAX	MIN	MAX	TYPICAL	VENT	Installation base inlet	Injector outlet
ADFA3228	0.25	1.31	128	415	172	70	G3/8 3/8NPTF	1/8 NPTF



PG-SL-V XL Single-line Injector

Part number	Displacement of injector(cc)		Working pressure(bar)				Interface specification	
	MIN	MAX	MIN	MAX	TYPICAL	VENT	Installation base inlet	Injector outlet
AAEX7854	0.25	5	128	143	172	70	G3/8 3/8NPTF	1/8 NPTF



PG-SL-11 Single-line Injector

Part number	Displacement of injector(cc)		Working pressure(bar)				Interface specification	
	MIN	MAX	MIN	MAX	TYPICAL	VENT	Installation base inlet	Injector outlet
ADFA3235	0.82	8.2	69	241	172	55	1/2 NPTF	1/2 NPTF

INJECTOR



PG-SL-32 Single-line Injector

Part number	Displacement of injector(cc)		Working pressure(bar)				Interface specification	
	MIN	MAX	MIN	MAX	TYPICAL	VENT	Installation base inlet	Injector outlet
ADFA3249	0.016	0.131	83	241	103	14	1/4 NPTF	Optional



PG-SL-42 Single-line Injector

Part number	Displacement of injector(cc)		Working pressure(bar)				Interface specification	
	MIN	MAX	MIN	MAX	TYPICAL	VENT	Installation base inlet	Injector outlet
ADFA3254	0.016	0.049	52	69	59	10	1/4 NPTF	Optional



PG-SL-43 Single-line Injector

Part number	Displacement of injector(cc)		Working pressure(bar)				Interface specification	
	MIN	MAX	MIN	MAX	TYPICAL	VENT	Installation base inlet	Injector outlet
ADFA3261	0.016	0.131	52	69	59	10	1/4 NPTF	Optional

INJECTOR REPAIR KIT



REPAIR KIT INJECTOR SLV-XL, WITH CAP, PAGULD

Part Number **AAEX7854**



REPAIR KIT INJECTOR SL-1, WITH CAP, PAGULD

Part Number **AAEX7847**



ELECTRIC GREASE FILLING TOOL

Part number	ADFA0857
Operating voltage	10-30VDC
Motor power	-15°C ~ +50°C
Grease barrels	7A
Outlet of grease specification	3A
Working temperature	Available
Protection class	IP54
Electrical interface	RS232/RS485

PNEUMATIC GREASE FILLING TOOL



Part Number	ADFA3279
Description	Pneumatic Grease Filling Tool
Cylinder piston stroke	63.5mm
Air consumption @ 7 bar	4.2L/Cycle
Operating pressure of compressed air	2- 7bar
Air inlet	1/4 NPTF female thread
Pressure ratio	50:1
Output pressure max.	350bar
Metering quantity max.	0.43L/ Min@75 Cycle
Grease outlet	1/4 NPTF female thread
Operating temperature	-34°C ~ +93°C
Noise class	<85dB (A)

PUMP GREASE MANUAL



MANUALLY OPERATED FILLING TOOL

Part Number	ADFA3237
Description	Pneumatic Grease Filling Tool
Volume	63.5mm

Special grease filling connector required

HEAVY-DUTY GREASE GUNS



Part Number	ADFA3286
Description	Heavy-Duty Grease Guns
Volume	400cc
Operating pressure max.	400bar

AUTO LUBRICATION SYSTEM

ACCESSORIES (PRESSURE GAUGE)



PRESSURE GAUGE 0 - 5000 PSI

Part Number	ACCJ2745
Max Pressure	5000 psi
Dimention	2.09" Diameter x 2.79" Length x 1.11" Height
Range	0-5000 PSI / 0-300 Bar
connection	Drat 1/4 NPT



PRESSURE GAUGE 0 - 500 PSI

Part Number	ACCJ2752
Max Pressure	500 psi
Dimention	2.09" Diameter x 2.79" Length x 1.11" Height
Range	0-580 PSI / 0-40 Bar
connection	Drat 1/4 NPT

ACCESSORIES (CHANGE OVER VALVE)



HYDRAULIC CHANGE OVER VALVE

Part number	AAEN0034
Maximum working pressure (Hydraulic source)	30 bar
Maximum working pressure (Outlet of grease)	300 bar
Grease	Up to NLGI 2
Grease inlet thread	3/4 NPTF
Thread of safe valve interface	1/8 NPTF
Return grease thread	1/4 NPTF
Thread of hydraulic grease interface	1/4 NPTF
Application for	Paguld



ELECTRIC CHANGE OVER VALVE

Part Number	AAEN0041
Supply Voltage	24 VDC
Maximum working pressure	2-7 bar
Maximum working pressure (Outlet of grease)	300 bar
Grease	Up to NLGI 2
Grease inlet thread	3/4 NPTF
Return grease thread	1/4 NPTF
Thread of Check Valve	3/4 NPTF
Application for	Paguld



VENT VALVE 24 VDC GEN 3 ASSY

Part Number	ADFA2602
Supply Voltage	24 vdc
Grease inlet thread	3/4 NPTF
Return grease thread	3/4 NPTF
Application for	Lincoln



DIRECTIONAL CONTROL VALVE, GREASE, STREAM H

Part Number	ADFA2637
Application for	Groeneveld Beka

ACCESSORIES (PRESSURE SENSOR)



ELECTRONIC PRESSURE SENSOR IFM, CABLE NOT INCLUDED

Part Number	ADFA0274		
Special Features	Gold-plated contacts		
Type of Pressure	relative pressure		
Operating voltage[V]	18-30 VDC		
Media	liquids and gases		
Measuring range	0-400 bar	0-5800 psi	0-40 MPa
Min. Bursting Pressure	1700 bar	24650 psi	170 MPa
Pressure Rating	800 bar	11580 psi	80 MPa
Vacum Resistance	-1000 bar	-0.1 MPa	
Process connection	threaded connection G 1/4 internal thread		
Protection	IP 65; IP 67		
Measuring Element	metallic thin film cell		
Application	Groeneveld Beka		



PRESSURE SENSOR XMLA 300BAR

Part number	ADFA9344
Minimum Pressure Reading	22bar
Maximum Pressure Reading	300bar
Accuracy	<2 %
Media Measured	Hydraulic Oil
Electrical Connection	Screw Clamp Terminal
Maximum Current	3 A
Supply Voltage	24 V
Housing Material	Zinc Alloy
IP Rating :	IP66
Aplication For	Paguld

AUTO LUBRICATION SYSTEM

ACCESSORIES (HOSE & FITTING)



HOSE AUTO LUBRICATION SYSTEM

Part Number	Description
ACCJ2843	Hose 1/2
ACCJ2731	Hose 1/4
AAEM0044	Hose 3/8
Cover	Abrasion and ozone resistant synthetic rubber
Inner tube	Oil resistant synthetic rubber
Media	Hydraulic oil (HL, HLP, HLPD, HVLP, HFA, HFAS, HFB, HFC)
Norm/Standards	EN856 - 4SP, meets EN 45545-2 (HL2-R23)
Reinforcement	high tensile steel spirals
Temperature range [°C]	- 40 ° C to + 100 ° C, water and water-based media up to + 70 ° C



SPIRAL HOSE GUARD

Part Number	Description
AAEK1527	Spiral Hose 50mmx50mm
ADFA0323	Spiral Hose 10mm
Material	Plastic
Colour	Black



HIGH PRESS HOSE OD 8.6MM STRAIGHT

Part Number	ADFA0050
Aplication	Progressive



HOSE CLEAR

Part Number	AAEX5811
Temperature range	25°F to 150°F
Application	Economical hose for handling air, oil, mild chemicals and alkalis.



FERRULE HOSE

Part Number	Description
AAEX8842	FERRULE, 08, 1/2" R2AT
AAEO0131	FERRULE, 06, 3/8" R2AT
AAEO7253	FERRULE, 04, 1/4" R2AT

AUTO LUBRICATION SYSTEM

ACCESSORIES (FITTING HOSE)



FITTING ELBOW-HOSE END 04-04

Part Number	ADFA0274
Hose Size	1/4"
Shape	90° Elbow



FITTING ELBOW-HOSE END 06-06

Part Number	AAEX6637
Hose Size	3/8"
Shape	90° Elbow



FITTING ELBOW-HOSE END 08-08

Part Number	AAEX6630
Hose Size	1/2"
Shape	90° Elbow



FITTING STRAIGHT 04-04

Part Number	BBEF0806
Hose Size	1/4"
Shape	Straight



FITTING STRAIGHT 06-06

Part Number	BBEF0925
Hose Size	3/8"
Shape	Straight



FITTING STRAIGHT HOSE 08-08

Part Number	BBEF0533
Hose Size	1/2"
Shape	Straight

AUTO LUBRICATION SYSTEM

RESERVOIR / GREAS TANK



GREASE TANK AUTOLUBE 60 LB

Part Number	ADEA0526
Volume	27 kg
Material	Steel
Application	Twin
Noted	With Bracket Valve Twin



DRUM COVER FOR 180KG, FOR PAGULD

Part Number	AAEX0009
Material	Steel Q235



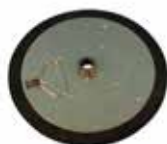
DRUM COVER FOR STREAM-H 400LB

Part Number	ADFA1901
Material	Steel Q235



FOLLOWER PLATE FOR STREAM-H 400LB

Part Number	ADFA1915
Brand	Groeneveld Beka



FOLLOWER PLATE 180KG, FOR HPG & EPG

Part Number	AAEB0013
Brand	Paguld



VIBRATION ELIMINATOR KIT

Part Number	ADEA0064
Material	Rubber
Include	Nut Ring Washer, Ring Vibration

AUTO LUBRICATION SYSTEM

CONECTOR FOR AUTOLUBE



AF2 COMBINATION OUTLET

Part Number	ADFA0043
Application	Progressive



NON RETURN VALVE MX-F WITH SLEEVE NUT AND CUTTING

Part Number	ADFA0099
Application	Progressive



DISTRIBUTOR BRIDGE WITH OUTLET

Part Number	ADFA0120
Size	M10
Application	Progressive



CAP SCREW US 6 M 10X1

Part Number	ADFA0813
Size	M10 x 1-6LL
Thread	NPT
Application	Progressive



DOUBLE CONE OLIVE

Part Number	ADFA0820
Application	Progressive



FITTING STUD STRAIGHT 6LL, KIT

Part Number	AAEX7645
Application	Progressive



FITTING STUD ELBOW 90 DEG,6 LL,KIT WITH SLEEVE

Part Number	ADFA0306
Application	Progressive



ELBOW CONNECTOR M10 X 1-6 LL

Part Number	ADFA0309
Application	Progressive



MALE CONNECTOR STRAIGHT M10X1-6 LL

Part Number	ADFA0302
Application	Progressive

AUTO LUBRICATION SYSTEM

CONECTOR FOR AUTOLUBE



SENSOR,PRESSURE,CROSS MEMBER

Part Number	AAEX7288
Thread	F/F/F/M 1/2 NPT (F) x 1/4 NPT (F) x 1/4 NPT (F) X 3/8 NPT (M)
Aplication For	Groeneveld Beka



SAFETY UNLOADER, SINGLE LINE

Part Number	BBEF1379
Aplication For	Paguld



SAFETY UNLOADER, SINGLE LINE

Part Number	ADFA2595
Aplication For	Lincoln



NON-RETURN VALVE STREAM

Part Number	ADFA2560
Seal O-Ring NRV	ADFA2842



ELBOW 1/8 NPT - 7/16 JIC

Part Number	AAEX6560
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LONG ELBOW 1/8 NPT - 7/16 JIC

Part Number	AAEX6574
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NIPPLE STRIGHT 1/8 NPT - 7/16 JIC

Part Number	AAEX6567
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TEE 3/8 NPT-3/4 JIC-3/4 JIC

Part Number	AAEK2024
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AUTO LUBRICATION SYSTEM

CONECTOR FOR AUTOLUBE



PLUG 3/8 NPT

Part Number	AAEX6602
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NIPLE ADAPTER/EXTENSIONS 1/8

Part Number	ADFA0316
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DOUBLE NEPEL

Part Number	Description
Double Niple 1/2	BBEF0883
Double Niple 1/4	AAEX6553
Double Niple 3/8	AAEX6559

ACCESSORES ELECTRICAL



CABLE, CONNECTOR, 5M, PROXIMITY / ENCODER

Part Number	AAEU5839
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CONNECTOR KIT,DT,2-WAY,13A,14-18 AWG MF

Part Number	AAEI0107
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CONNECTOR KIT,DT,4-WAY,13A,14-18 AWG MF

Part Number	AAEI0121
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SOCKET ELECTRIC, CUBIC BUSHING, 3 WAY VALVE, ALS

Part Number	AAEI5664
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SOCKET ELECTRIC, AMP BUSHING, VENT VALVE, ALS

Part Number	AAEI5657
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CABLE 5 CORE, 1.5MM, FLEXIBLE WIRE, 1 M

Part Number	AAEU2802
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Phone : +6221 2294 6465
Email : sales@jomonindonesia.com

Address: Central Cakung Business Park Blok G2 No. 1-2,
Jl. Cakung Cilincing Raya KM. 3, Rorotan, Cilincing,
Jakarta Utara, Indonesia - 14140



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PT Jomon Persada Nusantara



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AUTO LUBRICATION SYSTEM

CONECTOR FOR AUTOLUBE

T - 1/2 JIC

FLARE NUT 12.7mm TUBE - 3/4 JIC (F)

Part Number ACCJ2409

Aplcation For **Paguld**

FLARE NUT SLEEVE FOR 12.7mm TUBE

Part Number ACCJ2416

Aplcation For **Paguld**

ADAPTER NIPPLE 1/4 NPT - 3/4 JIC

Part Number AAEX0603

Aplcation For **Paguld**

NIPPLE 1/2 NPT M - 3/4 JIC M

Part Number AAEX6609

Aplcation For **Paguld**

NIPPLE STRAIGHT 3/4 JIC - 3/8 NPT

Part Number AAEX6588

Aplcation For **Paguld**

NIPPLE 9/16 UN-O-R X 9/16 JIC

Part Number AAEX6623

Aplcation For **Paguld**

ADAPTER RETURN ALS HD785,9/16 JIC,M14X1.75

Part Number AAEB9787

Aplcation For **Paguld**

PLUG ADAPTER SENSOR, 1/4 BSP

Part Number AAEX9858

Aplcation For **Paguld**

TEE 7/16. JIC- 7/16 TEE- 1/4 BSPT

Part Number BBF0862

Aplcation For **Paguld**