



 **SAMOA**

Lubrication and fluid supply systems and components

grease • lubricants • fuel • hydraulic fluids • compressed air • water • water based fluids

THE GUARANTEE OF A LEADING MANUFACTURER

With close to half a century of history, founded in 1958 as a pump and lubrication equipment manufacturer, Samoa Industrial S.A. is today the head of a privately owned group of companies that develop, manufacture and distribute an extensive range of products. More than twenty five companies throughout Europe and the USA belong to the group. The Samoa group's worldwide presence is complemented through distributors in more than ninety countries.



The Samoa group is organized in three different business areas, based on the technical resources required for product development and manufacturing. Each of these business areas includes product divisions specialized in the design, development and manufacturing of a specific product range to deliver applications and solutions that meet customers' needs.

BUSINESS AREA	DIVISION	PRODUCT RANGE
FLUID SUPPLY	LUBE aster	Equipment specifically applied to lubrication: mobile and stationary fluid dispensers, waste fluid receivers, etc.
	PUMP aster	Air operated and electric pumps for supply of fluids and viscous materials.
	REEL aster	Automatic hose reels for supply of air, water, oil, grease, diesel and other fluids.
	CONTROL aster	Volumetric meters, pulse meters, control valves and dosing equipment. Electronic components for fluid control and management.
	FLO aster	Equipment specifically designed to dispense diesel and petroleum products.
WORK SPACE	WORK aster	Technical furniture program (workbenches, cabinets, trolleys, lubrication façades, tanks, etc.) for modular integrated systems for the industry and automotive workshops.
CONSUMER PRODUCTS	PRO aster	Hand pumps for lubricants and chemical products. Industrial and automotive maintenance accessories.
	POWER aster	Equipment and accessories for compressed air distribution.

This brochure includes some representative products of each division. Our general catalogue includes a more extensive program with solutions for the Automotive, Industrial, Agricultural and Construction markets.

AIR OPERATED PUMPS - Oil



351 110



353 110

PumpMaster 2 Pumps

50 mm. (2") air motor - 100 mm. (4") piston stroke pumps.

Pressure ratio	1:1	3:1
Fluid outlet	3/4" BSP (F)	1/2" BSP (F)
Fluid inlet (Short pump only)	1" BSP (F)	3/4" BSP (F)
Air inlet	1/4" BSPT (F)	1/4" BSPT (F)
Min. working pressure	3 bar (42 psi)	3 bar (42 psi)
Max. working pressure	10 bar (140 psi)	10 bar (140 psi)
Max. fluid pressure	10 bar (140 psi)	30 bar (420 psi)
Max. free delivery	62 l/min (16.4 gpm)	30 l/min (8 gpm)
Part No (Short pump)	351 110	353 110
Part No (200 l drum pump)	352 110	354 110



340 100



347 100

PumpMaster 4 Pumps

90 mm (3.6") air motor - 100 mm (4") piston stroke pumps.

Pressure ratio	3/1 HV	5:1 HD
Fluid outlet	3/4" BSP (F)	3/4" BSP (F)
Fluid inlet (Short pump only)	1" BSP (F)	1" BSP (F)
Air inlet	3/8" BSPT (F)	3/8" BSPT (F)
Min. working pressure	3 bar (42 psi)	3 bar (42 psi)
Max. working pressure	10 bar (140 psi)	10 bar (140 psi)
Max. fluid pressure	30 bar (420 psi)	50 bar (700 psi)
Max. free delivery	45 l/min (11.9 gpm)	35 l/min (9.25 gpm)
Part No (Short pump)	340 100	347 100
Part No (200 l drum pump)	352 110	354 110



343 000

PumpMaster 6 Pump

160 mm (6.3") air motor - 110 mm (4.3") piston stroke pump.

Pressure ratio	10:1 HD
Fluid outlet	3/4" BSP (F)
Fluid inlet	1 1/2" BSP (F)
Air inlet	1/2" BSPT (F)
Min. working pressure	3 bar (42 psi)
Max. working pressure	10 bar (140 psi)
Max. fluid pressure	100 bar (1400 psi)
Max. free delivery	40 l/min (10.6 gpm)
Part No	343 000

AIR OPERATED PUMPS - GREASE



409 200



603 512



603 512

Pump	PumpMaster 3	PumpMaster 3+3	PumpMaster 6
Pressure ratio	55:1	55:1	55:1
Air piston diameter	70 mm (2.8")	80 mm (3.15")	160 mm (6.3")
Air piston stroke	35 mm (1.4")	100 mm (4")	110 mm (4.3")
Fluid outlet	1/4" BSP (F)	3/8" BSP (F)	3/8" BSP (F)
Air inlet	1/4" BSPT (F)	1/4" BSPT (F)	1/2" BSPT (F)
Min. working pressure	3 bar (42 psi)	3 bar (42 psi)	3 bar (42 psi)
Max. working pressure	10 bar (140 psi)	10 bar (140 psi)	10 bar (140 psi)
Max. fluid pressure	550 bar (7,700 psi)	550 bar (7,700 psi)	550 bar (7,700 psi)
Max. free delivery	600 g/min (21 ounces/min)	1200 g/min (42 ounces/min)	3200 g/min (7 lb/min)
Part number - 12,5/30 Kg drums	404 100	603 502	Not applicable
Part number - 50 Kg drums	407 200	603 512	Not applicable
Part number - 180 Kg drums	409 200	603 522	401 025



330 110



331 110



333 110

Pump	PumpMaster 1	PumpMaster 2	PumpMaster 4
Pressure ratio	1:1	1:1	3:1
Air piston diameter	36 mm (1.4")	50 mm (2")	90 mm (3.6")
Air piston stroke	90 mm (3.5")	100 mm (4")	100 mm (4")
Fluid inlet	3/8" BSP (M) and 1/2" hose adaptor	1" BSP (F)	1" BSP (F)
Fluid outlet	3/8" BSP (F)	1/4" BSP (F)	3/8" BSP (F)
Air inlet	1/4" BSPT (F)	1/4" BSPT (F)	1/2" BSPT (F)
Min. working pressure	2 bar (28 psi)	3 bar (42 psi)	3 bar (42 psi)
Max. working pressure	8 bar (115 psi)	10 bar (140 psi)	10 bar (140 psi)
Max. fluid pressure	8 bar (115 psi)	10 bar (140 psi)	30 bar (420 psi)
Max. free delivery	18 l/min (4.75 gpm)	35 l/min (9.8 gpm)	35 l/min (9.8 gpm)
Wetted parts materials	Aluminum, stainless steel, chromium steel, PTFE and Viton®	AISI 316 stainless steel, PTFE and Viton®	AISI 316 stainless steel, PTFE and Viton®
Part number	330 100	331 110	333 110

HOSE REELS



501 200



504 200



505 200

Open Type hose reels - 10 m x 1/2" maximum hose capacity

Application	Hose Data		Connection threads		Working pressure Bar	Part No.
	Ø	Length (m)	In (BSP)	Out (BSP)		
Air / Low pressure water	3/8"	10 (33')	1/2" (M)	1/4" (M)	15 (220 psi)	501 100
	N.A.	N.A.	(1)			501 198
Oil	1/2"	10 (33')	1/2" (M)	1/2" (M)	75 (1100 psi)	501 200
	N.A.	N.A.	(1)			501 298
Grease	1/4"	10 (33')	1/2" (M)	1/4" (M)	350 (5100 psi)	501 300
	N.A.	N.A.	(1)			501 398

Open Type hose reels - 15 m x 1/2" maximum hose capacity

Application	Hose Data		Connection threads		Working pressure Bar	Part No.
	Ø	Length (m)	In (BSP)	Out (BSP)		
Air / Low pressure	1/2"	15 (50')	1/2" (M)	1/2" (M)	15 (220 psi)	504 100
Water	N.A.	N.A.				(1)
Oil	1/2"	15 (50')	1/2" (M)	1/2" (M)	75 (1100 psi)	504 200
	N.A.	N.A.				(1)
Grease	1/4"	15 (50')	1/2" (M)	1/4" (M)	350 (5100 psi)	504 300
	3/8"	15 (50')	1/2" (M)	1/4" (M)	350 (5100 psi)	504 301
	N.A.	N.A.			(1)	504 399
High pressure water	3/8"	15 (50')	1/2" (M)	3/8" (M)	250 (3670 psi)	504 400
	N.A.		N.A.			(1)

Open type hose reels - 15 m x 3/4" or 20 m x 1/2" maximum hose capacity

Application	Hose Data		Connection threads		Working pressure Bar	Part No.
	Ø	Length (m)	In (BSP)	Out (BSP)		
Air / Oil / Water / Diesel	1/2"	20 (65')	1/2" (M)	1/2" (M)	75 (1100 psi)	505 200
	3/4"	15 (50')	3/4" (M)	3/4" (M)		75 (1100 psi)
	(2)		N.A.		(1)	505 298
	(3)		N.A.		(1)	505 299

(1) Models with no hose. Maximum working pressure is the minimum working pressure of all of the individual components used, normally the working pressure of the hose.

(2) Model for 1/2" hose. Maximum capacity: 20 m (65').

(3) Model for 3/4" hose. Maximum capacity: 15 m (50')

HOSE REELS



502 200

Individually enclosed hose reels

Application	Hose Data		Connection threads		Working pressure (Bar)	Part No.
	Ø	Length (m)	In (BSP)	Out (BSP)		
Air / Low pressure	3/8"	8 (26')	1/2" (M)	3/8" (M)	15 (220 psi)	502 100
	3/8"	13 (43')	1/2" (M)	3/8" (M)	15 (220 PSI)	502 101
Water	8 m x 1/2" max.		N.A.		(1)	502 198
	13 m x 3/8" max.		N.A.		(1)	502 298
Oil	1/2"	8 (26')	1/2" (M)	1/2" (M)	75 (1100 psi)	502 200
	3/8"	10 (33')	1/2" (M)	1/2" (M)	75 (1100 psi)	502 203
	W 3/8"	13 (43')	1/2" (M)	1/2" (M)	75 (1100 psi)	502 201
	8 m x 1/2" max.		N.A.		(1)	502 298
	13 m x 3/8" max.		N.A.		(1)	502 299
	Grease	1/4"	8 (26')	1/2" (M)	1/4" (M)	350 (5100 psi)
	2 1/4"	13 (43')	1/2" (M)	1/4" (M)	350 (5100 psi)	502 301
	8 m x 1/2" max.		N.A.		(1)	502 398
	13 m x 3/8" max.		N.A.		(1)	502 299
High pressure water	3/8"	13 (43')	1/2" (M)	3/8" (M)	250 (3670 psi)	502 400
	13 m x 3/8" max.		N.A.		(1)	502 499

(1) Models with no hose. Maximum working pressure is the minimum working pressure of all of the individual component used, normally the working pressure of the hose.

Compact hose reels for air and water.

All reels include pivoting wall bracket and textile braided polyurethane hose. Maximum working pressure: 20 bar (285 psi).

Part No. 500 110

Compact air hose reel with 12 m x 8 mm hose.

Part No. 500 110

Compact air hose reel with 10 m x 10 mm hose.



502 200

**CONTROL GUNS AND METERS.
 Oil**



363 078



363 051



363 603



365 652

Part No. 363 078
 Oil control gun with inlet swivel and outlet with non drip nozzle.

Part No. 363 051
 High flow oil control gun with inlet swivel and outlet with non drip nozzle.

Part No. 363 603
 Hose end meter for oil, with inlet swivel, protective shroud for the meter and outlet with non drip nozzle.

Part No. 365 652
 High flow hose end meter for oil, with inlet swivel, protective shroud for the meter and outlet with non drip nozzle.

Fluids



366 750



366 726



366 675

Part No. 366 750
 In-line oil meter.

Part No. 366 725
 High flow in-line fluid meter - 50 l/min.

Part No. 366 726
 High flow in-line fluid meter - 100 l/min.

Part No. 366 675
 Hose end meter for fluids: antifreeze, windshiled washer, etc...

Grease



413 080



415 002



411 100

Part No. 413 077
 Grease control gun.

Part No. 413 080
 Grease control gun with Z swivel.

Part No. 415 002
 Hose end meter for grease.

Part No. 411 100
 In-line meter for grease.

**ELECTRIC PUMPS.
Oil**



561 100



561 210



562 000

Part No.	Motor	Max. Pressure	Max. Delivery
561 100	220 V - 600 V	10 bar	9 l/min
561 200	220 V - 780 V	15 bar	13 l/min
561 300	220 V - 780 V	24 bar	10 l/min

Electric Pumps with pressure switch

561 110	220 V - 600 V	10 bar	9 l/min
561 210	220 V - 780 V	15 bar	13 l/min
561 310	220 V - 780 V	24 bar	10 l/min



562 100



562 206

Part No. 562 000

Equipped electric pump.
Includes: Pump 561 100, suction hose,
3 m delivery hose and hose end meter.

Part No. 562 100

Mobile unit for 200 l. Drums with
electric pump.
Includes: Pump 561 100, trolley, 3 m
delivery hose and hose end meter.

Part No. 562 206

Electric pump + hose reel + meter
package.
Includes: Pump with pressure switch
562 210, open hose reel with 10 m x
1/2", pump bracket, suction assembly
and drip holster.

Diesel



684 530



685 741



685 710

Equipped pump with 4 m delivery hose,
aluminium nozzle and cable with clamps.

Part No. 684 530

12 V - 40 l/min. Equipped pump.

Part No. 684 531

24 V - 40 l/min. Equipped pump.

Equipped pump with 4 m delivery hose,
aluminium nozzle and cable with plug.

Part No. 685 741

220 V - 50 l/min equipped pump.

Part No. 685 771

220 V - 50 l/min equipped pump.

Wall mounted pump kits. Include pump,
meter, 4 m delivery hose and aluminium
nozzle.

Part No. 685 710

Wall pump kit 220 V - 50 l/min.

Part No. 685 713

Wall pump kit 220 V - 70 l/min.

**MOBILE EQUIPMENT - HIGH PRESSURE GREASERS.
 For 12,5 to 20 Kg. pails**

All units include a 55:1 air operated pump and 2 m grease hose with grease control gun, Z swivel and Heavy Duty 3-jaw connector. (Follower plate as an option).



424 172



424 152



482 200

Part No. 424 172

Portable greaser for 20 Kg pails. With Ø 330 mm. drum cover.

Part No. 424 170

Portable greaser for 12 / 18 Kg pails. With Ø 310 mm. drum cover.

Part No. 424 152

Mobile greaser for 20 Kg pails. With Ø 330 mm. drum cover.

Part No. 424 150

Mobile greaser for 12 / 18 Kg pails. With Ø 310 mm. drum cover.

Part No. 482 200

Pump mounted on a protective cabinet with 4 casters for 12 / 20 Kg pails.

For 50 Kg. drums

All units include a 55:1 air operated pump, Ø 405 mm cover and 3 m grease hose with grease control gun, Z swivel and Heavy Duty 3-jaw connector. (Follower plate as an option).



425 290



425 150

Part No. 425 290

Portable greaser for 50 Kg. drums. With 2 wheel trolley.

Part No. 425 150

Mobile greaser for 50 Kg. drums. With 4 wheel trolley.

For 185 Kg. drums

All units include a 55:1 air operated pump, Ø 405 mm cover, follower plate, drum trolley and grease control gun, Z swivel and Heavy Duty 3-jaw connector. (Follower plate as an option).



428 243

Part No. 428 243

Mobile greaser for 185 Kg drums. With 4 m grease hose.

Part No. 428 200

Mobile greaser for 185 Kg drums. With 10.m x 1/4" open type hose reel.

Accessories: follower plates.

Part No. 417 001

For 18 Kg pails (Ø 298 - 260 mm).

Part No. 417 005

For 20 Kg pails (Ø 340 - 300 mm).

Part No. 417 002

For 50 Kg drums (Ø 370 - 330 mm).

Part No. 417 003

For 50 Kg drums (Ø 405 - 360 mm).



MOBILE EQUIPMENT - OIL.
Self contained dispensers



324 000



325 000



328 010

Part No. 324 000

Pressurized lube dispenser 30 l.

Part No. 324 010

Pressurized lube dispenser 30 l. Includes hose end meter.

Part No. 325 000

30 l self contained lube dispenser with hand pump.

Part No. 326 000

70 l self contained lube dispenser with hand pump.

Part No. 328 010.

70 l self contained lube dispenser with 3:1 air operated oil pump and hose end meter.

MOBILE EQUIPMENT - OIL.
Dispensers for 205 l drum



375 300



378 501

Part No. 375 300

200 l mobile oil dispenser. Includes a 3:1 air operated pump, 3 m. oil hose and hose end meter.

Part No. 378 501

200 l mobile oil dispenser with hose reel. Includes a 3:1 air operated pump, 10 m x 1/2" open type hose reel and a hose end meter.

OIL DISTRIBUTION EQUIPEMENT
Lubrication workbench



450 000 + 281 501

Part No. 450 000

Lubrication bench for 2 x 205 l drums. Workbench with two enclosed hose reels for oil each with hose end meter, two 3:1 air operated pumps, each with suction hose and two coil hose for air with quick coupler and nipple.

Accessory:

Part No. 281 501

Tool cabinet for lubrication bench.

**WASTE OIL GRAVITY RECEIVERS.
 100 l. capacity**



372 400



372 300



372 200

Part No. 372 400
 100 l waste oil receiver, pressure evacuation.

Part No. 372 300
 100 l waste oil receiver, evacuation using a wall pump kit.

Part No. 372 200
 100 l waste oil receiver. Includes a 1:1 air operated evacuation pump.

70 l. capacity



373 400



373 300



373 200

Part No. 373 400
 70 l waste oil receiver, pressure evacuation.

Part No. 373 300
 70 l waste oil receiver, evacuation using a wall pump kit.

Part No. 373 200
 70 l waste oil receiver. Includes a 1:1 air operated evacuation pump.



379 100

Part No. 379 100
 Wall mounted 1:1 air operated evacuation pump kit.

WASTE OIL SUCTION UNITS.



371 600



373 600



372 600

Waste oil suction units.

Part No. 371 600

30 l capacity.

Part No. 373 600

70 l capacity.

Part No. 372 600

100 l capacity.



372 100



373 100



372 000



373 000

Waste oil suction units with transparent inspection chamber.

Part No. 373 100

70 l capacity.

Part No. 372 100

100 l capacity.

Combined waste oil gravity drainers and suction units with transparent inspection chamber.

Part No. 373 000

70 l capacity.

Part No. 372 000

100 l capacity.



373 500



372 500

Combined waste oil gravity drainers and suction units.

Part No. 373 500

70 l capacity.

Part No. 372 500

100 l capacity.

SERVICE ACCESSORIES.



101 200



106 200



168 600



167 500

Part No. 101 200
500 c.c. lever grease gun. Includes rigid stem and 4-jaw connector.

Part No. 101 240
500 c.c. lever grease gun. Includes 300 mm outlet hose and 4-jaw connector.

Part No. 106 200
500 c.c. one hand grease gun. Includes rigid stem and 4-jaw connector.

Part No. 106 240
500 c.c. one hand grease gun. Includes 300 mm outlet hose and 4-jaw connector.

Part No. 168 600
500 c.c. air powered grease gun. Includes rigid stem and 4-jaw connector.

Part No. 168 601
500 c.c. air powered grease gun. Includes 300 mm outlet hose and 4-jaw connector.

Part No. 167 500
1000 c.c. air powered grease gun.



157 000



150 000



151 100



108 501

Part No. 157 000
Pedal action grease pump. 5 Kg capacity and 2 m grease hose with 4-jaw grease connector.

Part No. 150 000
Grease bucket pump. 16 Kg oval shape container and 1.8 m grease hose with 3-jaw Heavy Duty grease connector.

Part No. 151 100
High pressure grease pump for 12/8 Kg pails. With Ø 310 mm cover.

Part No. 151 102
High pressure grease pump for 20 Kg pails. With Ø 330 mm cover.

Grease filler pumps for centralised greasing units.

Part No. 108 501
With Ø 310 mm cover for 12/18 Kg pails.

Part No. 108 502
With Ø 330 mm cover for 20 Kg drums.

Part No. 108 503
With Ø 405 mm cover for 50 Kg drums.



121 011



121 050

Part No. 121 011
4-jaws grease connector. 1/8" F

Part No. 121 050
3-jaws Heavy Duty grease connector. 1/8" F

SERVICE ACCESSORIES.



304 500

Part No. 304 500
Barrel pump. With telescopic suction tube. For lubricants.



320 400

Part No. 320 400
Gear oil bucket pump. 16 l oval shape container. Includes 1.5 m rubber hose with angle nozzle and valve.



314 540

306 100

Medium pressure transfer pump.

Part No. 306 300

450 mm long for 20 l pails.

Part No. 306 200

620 mm long for 20 l pails.

Part No. 306 100

760 mm long for 50 l drums.

Part No. 306 400

760 mm long for 205 l drums.



302 001

Part No. 302 001
Siphon action transfer pump. For solvents, alcohols, antifreeze and other non corrosive fluids. Includes 1.5 m. transparent hose with angled spout and PVC suction tube.



113 710

Suction guns.

Part No. 113 710

500 c.c.

Part No. 113 910

800 c.c.

Accessories for medium pressure transfer pumps:

Part No. 314 540

1.5 m rubber hose with angle nozzle and valve.

Part No. 730 603

Angled outlet spout.



318 001

Part No. 318 001

2" BSP(M) gravity tap.



675 002

Measures.

Part No. 675 001

1 l capacity.

Part No. 675 002

2 l capacity.

Part No. 675 003

3 l capacity.

Part No. 675 005

5 l capacity.



Samoa Industrial, S.A.

Box 103 - Alto Pumarín
33211 Gijón - Asturias - Spain
Tel.: +34 985 381 488
Fax: +34 985 147 213
e-mail: export@samoaindustrial.com
<http://www.samoaindustrial.com>

Samoa, Ltd. - U.K.

United Kingdom and Rep. of Ireland

Asturias House - Barrs Fold road
Wingates Industrial Park
Westhoughton. BL5 3XP
Tel.: (01942) 85 06 00
Fax: (01942) 81 21 60
e-mail: sales@samoaltd.com
<http://www.samoaltd.uk>

Samoa, S.à.r.l.

France

4, Rue de Zellenberg
67600 SELESTAT
Tél.: 03 88 82 79 62
Fax: 03 88 82 77 88
e-mail: samoafrance@samoafrance.com
<http://www.samoafrance.com>

Samoa GmbH

Germany

Fabrikstr.1
90592 Schwarzenbruck
Telefon: (09128) 926340
Telefax: (09128) 926359
e-mail: info@samoagmbh.de
<http://www.samoagmbh.de>

Samson Corporation

United States and Canada

One Samson Way
Swannanoa, NC 28778
Ph.: (828) 686 8511
Fax: (828) 686 8533
e-mail: info@samsoncorporation.com
<http://www.samsoncorporation.com>

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systems and components for general industrial
and vehicle servicing applications».