

**COMET DIAPHRAGM PUMPS** are widely used throughout the world for agricultural spraying; suitable for tractor or trailer mounted atomiser, sprayer or boom systems as well as industrial applications. The oil-backed diaphragm design offers the versatility of high pressure and long life and all moving parts are immersed in a complete oil bath to provide total protection against chemical corrosion. The lubricating oil is also used to supply hydraulic pressure to draw the diaphragm, which is the only moving part in contact with the chemicals, on the delivery or pressure stroke. All other parts are made of chemical resistant products or are treated for resistance to liquid fertilisers.

### BP SERIES Low Pressure Diaphragm Pumps



**BP 60**



**BP 105 - 125**



**BP 151 - 171**



**BP 205 - 235**



**BP 265 - 305**



**NEW**

**BP 75**

- ◆ Three diaphragms in Desmopan
- ◆ Viton & buna diaphragms on request
- ◆ Nylon heads
- ◆ Nylon manifolds
- ◆ Pressure accumulator (optional extra)



**NEW**

**BP 600**

- ◆ Twin pumps with 6 + 6 pistons & diaphragms
- ◆ Transmission between pumps via flexible coupling to ensure correct alignment
- ◆ Robust and reliable structure
- ◆ One piece solid steel base

### P 36 SERIES Low Pressure Diaphragm Pumps



**P 36/10 Acid Version**

**NEW**

- ◆ Three diaphragms
- ◆ Viton diaphragms and seals
- ◆ Parts in contact with liquid in stainless steel or polypropylene

**P 36/15 Standard**

- ◆ Three diaphragms
- ◆ Buna diaphragms (optional desmopan)
- ◆ Nylon heads
- ◆ Nylon manifolds

#### Optional Extras

- ◆ Pulley with pump supports and 6 hole shaft
- ◆ Reduction gearbox for PETROL engine or ELECTRIC motor

### MC SERIES Low Pressure Diaphragm Pumps



**MC 16**

- ◆ Two diaphragms
- ◆ Liquid contact parts made of nylon or polypropylene
- ◆ Direct coupling to PETROL engine or ELECTRIC motor



**MC 20/20**



**MC 25**

- ◆ Two diaphragms
- ◆ Pressure accumulator
- ◆ Liquid contact parts of anodised aluminium
- ◆ Standard pulley drive
- ◆ Adaptors for PETROL engine or ELECTRIC motor

### MP - P SERIES Medium Pressure Diaphragm Pumps



**MP 20 - 30**



**P 48**



**P 48 AP**

- ◆ Two diaphragms with pressure accumulator
- ◆ Liquid contact parts in anodised aluminium on MP series
- ◆ Liquid contact parts in plasticised aluminium on P series
- ◆ Internal manifolds on MP series
- ◆ External manifolds on P series
- ◆ Corrosion resistant components

MODEL	DIAPHRAGMS quantity	LPM max.	PRESSURE Max.Bar	KW. req.	RPM Max.	kg	MODEL	DIAPHRAGMS quantity	LPM max.	PRESSURE Max.Bar	KW. req.	RPM Max.	kg
<b>BP 60</b>	2	65	20	2,4	550	9,8	<b>P 36/10</b>	2	36	10	0,70	550	8,0
<b>BP 75</b> <b>NEW</b>	3	71	15	2,0	550	10,0	<b>P 36/15</b> <b>NEW</b>	2	36	15	1,00	550	9,0
<b>BP 105</b>	3	107	20	4,0	550	12,9	<b>MC 16</b>	2	12,2	15	0,38	1450	1,6
<b>BP 125</b>	3	121	20	5,0	550	13,0	<b>MC 20/20</b>	2	23	20	0,88	650	4,7
<b>BP 151</b>	4	142	20	5,7	550	24,0	<b>MC 25</b>	2	23	20	1,10	650	4,7
<b>BP 171</b>	4	168	20	7,0	550	24,0	<b>MP 20</b>	2	22,4	30	1,20	550	6,6
<b>BP 205</b>	6	197	20	7,5	550	32,0	<b>MP 30</b>	2	32,0	30	1,70	550	6,6
<b>BP 235</b>	6	226	20	8,6	550	32,0	<b>P 48</b>	2	64,2	30	3,00	550	12,5
<b>BP 265</b>	6	259	20	10,5	550	55,0	<b>P 48 AP</b>	2	64,2	30	3,00	550	12,7
<b>BP 305</b>	6	302	20	11,6	550	55,0							
<b>BP 600</b> <b>NEW</b>	6	530	20	12,2	550	80,0							

## APS SERIES High Pressure Diaphragm Pumps

- ◆Parts in contact with liquid in erosion-resistant anodised aluminium
- ◆Internal manifolds
- ◆Mechanisms operate in oil bath
- ◆High level of regular pumping and minimum noise
- ◆Suitable for tractor & trailer mounted sprayers & dusters & industrial applications



APS 61 - 71



APS 96



APS 101 - 121



APS 145



APS 31 - 41



APS 51



APS 141 - 166

## IDS SERIES BRASS High Pressure Diaphragm Pumps

*The best performance in terms of reliability and long life yet achieved in the sector of diaphragm pumps for spraying*

- ◆Parts in contact with liquid are in brass for maximum resistance to corrosion
- ◆Mechanisms operate in full oil baths
- ◆External manifolds
- ◆Check valve
- ◆Suitable for tractor & trailer mounted sprayers & dusters & certain industrial applications



IDS 1300



IDS 1400



IDS 1401



IDS 1701 - 2001



IDS 1000



IDS 2200 - 2600

MODEL	DIAPHRAGMS quantity	LPM max.	PRESSURE Max.Bar	KW. req.	RPM Max.	KG	MODEL	PISTONS quantity	LPM max.	PRESSURE Max.Bar	KW. req.	RPM Max.	KG
APS 31	3	30,0	40	2,01	550	10,0	IDS 960 <small>NEW</small>	3	93	50	8,6	550	34
APS 41	3	40,0	40	3,05	550	10,0	IDS 1000	3	101	50	9,2	550	42
APS 51	3	53,9	40	3,80	550	16,4	IDS 1300	3	115	50	10,8	550	42
APS 61	3	65,9	40	4,70	550	18,4	IDS 1400	4	142	50	12,5	550	58
APS 71	3	71,3	40	5,40	550	18,4	IDS 1401	3	137	50	12,2	550	45
APS 96	4	94,0	40	7,00	550	22,5	IDS 1701	4	166	50	14,6	550	60
APS 101	3	100,0	50	9,10	550	38,0	IDS 2001	4	185	50	16,5	550	60
APS 121	3	120,0	50	10,70	550	38,0	IDS 2200	6	208	50	19,3	550	76
APS 141	5	145,0	50	13,10	550	56,0	IDS 2600	6	259	50	23,9	550	76
APS 145	4	149,0	50	13,20	550	46,0							
APS 166	5	169,0	50	15,10	550	56,0							

## Y - YA SERIES High Pressure Piston Pumps

- ◆Parts in contact with liquid in corrosion resistant brass (Y series) or anodised aluminium (YA series)
- ◆Triplex ceramic plunger pistons
- ◆Mechanisms operate in oil bath
- ◆Suitable for : Large horizontal bar systems, industrial & domestic applications  
Tractor or trailer mounted duster & sprayer applications

MODEL	PISTONS quantity	LPM max.	PRESSURE Max.Bar	KW. req.	RPM Max.	KG
YA 65	3	55	50	5,7	650	16
YA 75	3	68	50	7,0	650	16
YA 90	3	100	50	10	600	33
Y 90	3	100	60	11,7	600	42
YA 120	3	129	50	12,5	600	33
Y 120	3	129	60	14,4	600	42



YA 90 - YA 120



Y 90 - Y120



YA 65 - YA 75

Come and see us. **We have been supplying and repairing Comet pumps for over 40 years.**

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