

MPA CLEANING SYSTEM

B&G
CLEANING SYSTEMS LTD



Advantages

- ▲ Long Life Pumps
- ▲ Automatic & Manual Operation
- ▲ Very Cost Effective Cleaning System
- ▲ Water Temperatures up to 80 Deg C
- ▲ Energy Efficient Multi - Pump Concept
- ▲ Clean At Low, Medium or High Pressure

MPA Multi-Pump System

The B&G MPA wash-down system is built using pump modules. Each pump can deliver up to 28 LPM. The amount of pumps in the system will depend on the maximum number of wash guns in operation at the same time. The system pressure is usually set at 70 to 130 bar. Lower pressures at the wash guns are possible using vari-pressure lances. If just one gun is in use during production time, only one pump will operate at any one time, but if the wash gun is shut for more than 10 seconds the next pump in the assembly will be used when washing re-commences. In this way the wear on all pumps is even. More pumps will automatically start on demand.

The pumps can be used for hand wash guns or CIP nozzle assemblies if required. Foam and sanitiser satellites will operate using this system without the need for compressed air to create the foam. The system can be supplied with water up to 80 °C.

B&G has been established over 25 years and has a depth of knowledge and experience. We can advise you on water heating requirements and CIP systems, including conveyor washing and automatic vessel cleaning. We manufacture foam-sanitiser satellites and mobile trolley dispensing systems. We also manufacture bespoke wash systems to meet your exact requirements.

Answering to the Challenge

- Water Pressure: Adjustable 10 - 130 Bar
- Water Flow: up to 168 Litres/min (per system)
- Max. Inlet water temperature 80°C
- Anti-vibration motor mounts
- Stainless steel water break tank - solenoid fill & overflow
- Stainless steel frames & covers
- Pressure gauge
- Pump hours run metre
- Burst pipe protection
- Over temperature protection
- Low water protection
- Leak protection
- Motor overload protection
- State of the art PLC control
- Automatic or manual operation
- Expandable for future cleaning requirements

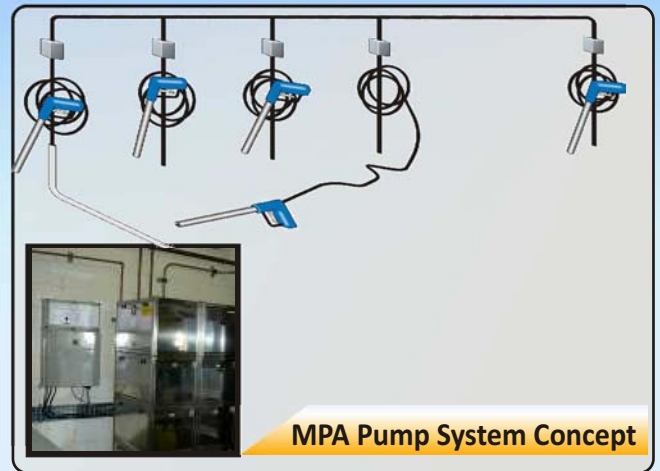
MPA CLEANING SYSTEM



MPA Diagnostic Display



MPA Two Pump System



MPA Pump System Concept



MPA NE Control



Wash Point

MPA Hydra (Low to Medium Pressure Cleaning-High Flow)

Features:	MPA 2 Hydra NE Hydra NE Eco	MPA 3 Hydra E2	MPA 4 Hydra E2	MPA 5 Hydra E2	MPA 6 Hydra E2
Pumps (qty)	2	3	4	5	6
System Pressure Max. (bar/psi)	70 / 1029	70 / 1029	70 / 1029	70 / 1029	70 / 1029
Water Flow Max. (ltr/min)	56	84	112	140	168
Max Inlet Temp (°C)	80	80	80	80	80
Power rating (v/Hz/kw)	415/50/11	415/50/16.5	415/50/22	415/50/27.5	415/50/33
Operators	2 to 4	3 to 6	4 to 8	5 to 10	*6 to 12

MPA Standard (Medium to High Pressure Cleaning)

Features:	MPA 2 E2 MPA 2 NE MPA 2 NE Eco	MPA 3 E2	MPA 4 E2	MPA 5 E2	MPA 6 E2
Pumps (qty)	2	3	4	5	6
System Pressure Max. (bar/psi)	130 / 1911	130 / 1911	130 / 1911	130 / 1911	130 / 1911
Water Flow Max. (ltr/min)	46	69	92	115	138
Max Inlet Temp (°C)	80	80	80	80	80
Power rating (v/Hz/kw)	415/50/11	415/50/16.5	415/50/22	415/50/27.5	415/50/33
Operators	2 to 4	3 to 6	4 to 8	5 to 10	*6 to 12

B&G
CLEANING SYSTEMS LTD

Abeles Way Holly Lane Industrial Estate

Atherstone Warwickshire CV9 2QZ

Tel 01827 717028 Fax: 01827 714041

email mpa@bgclean.co.uk

Visit our website: www.bgclean.co.uk

* Systems can be combined to provide up to 24 operators eg. MPA 6 E2 + MPA 6 E2