



**HALLBAUER**

*The Masters of Fluid Handling!*



# CATALOGUE

The Masters of Fluid Handling

**Plastic measures**

81421


**Plastic measures  
„Serie KMB“**

**81417 KMB 250 - 250 ml**  
**81418 KMB 500 - 500 ml**  
**81419 KMB 1000 - 1000 ml**  
**81420 KMB 2000 - 2000 ml**  
**81421 KMB 3000 - 3000 ml**  
**81422 KMB 5000 - 5000 ml**

**Characteristics**

- made of polypropylene
- with open handle, easy stackable
- transparent for visual control of filling level
- with scaling

**Multi pumps**

81689


**Syphon pump**
**81689 Syphon pump**
**Characteristics**

- for diluent, cleaner, antifreezer  
(please ask for list of suitable chemicals)
- 2" BSP bung adaptor
- 1,2m plastic hose
- 850mm suction tube length
- output 18,5l/ min.

09604


**Multi-pump „MP-04“**
**09604 MP-04/50**

for strong acid-based chemicals and cleaners

**09614 MP-04/200**

for strong acid-based chemicals and cleaners

**09605 MP-04/50 super**

premium pump for special applications,  
e.g. for dissolvent, paint thinner

**09615 MP-04/200 super**

premium pump for special applications,  
e.g. for dissolvent, paint thinner

**40082 2m rubber hose**

with outlet spout for MP-04 and MP-04 super

**09619 Universal adaptor**

for 50/60l barrels and other containers  
without thread

**Characteristics**

- for special applications, extremely efficient
- for diluent, cleaner, antifreeze, acids, fertilizer etc.  
(please ask for list of suitable chemicals)
- bent spout, 2" BSP bung adaptor
- 470mm (MP-04/ 50) or 950mm (MP-04/200) suction tube length
- output 0,25l/ stroke

## Multi pumps

09531

80746



Hand pump „LMP-05“ and „LVP-05“

### 09531 LMP-05 for dissolvent

with 2m rubber hose and ball valve with outlet spout

### 40371 LMP-05 electrically conductive

with 1,5m electrically conductive hose for two-stroke fuel-oil mixture

### 40057 LVP-05 for paint thinner

with 2m rubber hose and ball valve with outlet spout

#### Characteristics

- versatile, high output
- suitable for dissolvent, paint thinner etc.  
(please ask for list of suitable chemicals)
- with Viton sealings
- for 200l barrels
- telescopic suction tube
- output 0,5l/ stroke



Stainless steel hand pump „EP-02“

### 80746 EP-02/20-60

with bung adaptor for plastic canisters with female thread

### 80747 EP-02/200

with 2" BSP bung adaptor

#### Characteristics

- stainless steel handpump for 20l canisters, 50/ 60l and 200l barrels, with Teflon sealings
- output 0,25l/ stroke

**Professional pneumatic pumps  
for chemicals  
„Fluidmaster“ DP-C**

The professional pneumatic pumps „Fluidmaster“ DP-C are very versatile pumps. Although they are suitable for many liquids, we kindly ask to check on our list of suitable chemicals or to let us know the chemical you intend to use the pump with when ordering.

330100



„Fluidmaster 1“ DP-C 1:1

**330100 „Fluidmaster 1“ DP-C 1:1****Characteristics**

„Fluidmaster 1“ DP-C 1:1 is a low pressure transfer pump for slightly corrosive chemicals with low viscosity such as paint solvents, cleaning fluids, antifreeze (glycol), detergents, grease removers, alcohols, turpentine, petrochemical products, anticorrosion products, light inks, lacquer, wood varnish etc.

- pressure ratio 1:1
- air piston diameter 36 mm
- air piston stroke 80 mm
- maximum output 15l/ min  
(with free discharge at 7 bar/ 100 psi air inlet pressure, using water)
- minimum air pressure 2 bar/ 29 psi
- maximum air pressure 8 bar/ 115 psi
- maximum fluid pressure 8 bar/ 115 psi
- air inlet 1/4" BSP (f) with needle valve
- fluid outlet 3/8" BSP (m)
- fluid inlet 3/8" BSP (f) with adaptor for suction hose nom. diam. 1/2" BSP
- 3/4" BSP (m) bung adaptor
- wetted parts aluminum, stainless steel, chromium steel, PTFE, Viton

601202



„Fluidmaster 2“ DP-C/NI 1:1

**601202 „Fluidmaster 2“ DP-C/NI 1:1****Characteristics**

„Fluidmaster 2“ DP-C/NI 1:1 is a double-acting low pressure pump with high output. „Fluidmaster 2“ DP-C/NI 1:1 pneumatic pumps are suitable only for antifreeze solvents on base of glycol (diluted or undiluted). Pumps can be used as transfer pumps or in pipeline systems with automatic hose reels and electronic hose end meters.

- pressure ratio 1:1
- suction tube diameter 52 mm
- air piston diameter 51 mm
- air piston stroke 75 mm
- maximum output 55 l/min  
(with free discharge at 7 bar/ 100 psi air inlet pressure, using water)
- minimum air pressure 3 bar/ 45 psi
- maximum air pressure 10 bar/ 145 psi
- maximum fluid pressure 10 bar/ 145 psi
- air inlet 1/4" BSPT(f)
- fluid outlet 3/4" BSP (f)
- fluid inlet 1" BSP (f)
- 2" BSP height-adjustable bung adaptor
- wetted parts nickel-coated aluminum, steel, stainless steel, acetal, polyurethane

331120



„Fluidmaster 2" DP-C 1:1

**331120 „Fluidmaster 2" DP-C 1:1****Characteristics**

„Fluidmaster 2" DP-C 1:1 is a double-acting low pressure transfer pump with high output manufactured of acid-proof steel AISI 316 (material no. 1.4401). „Fluidmaster 2" DP-C 1:1 air-operated pumps can be used as transfer pumps or in pipeline systems with several outlets even with simultaneous operation. Pumps are suitable for slightly corrosive fluids with low viscosity such as paint solvents, cleaning fluids, antifreeze (glycol), detergents, grease removers, alcohols, turpentine, petrochemical products, anticorrosion products, light inks, lacquer, wood varnish etc.

- pressure ratio 1:1
- suction tube diameter 52mm
- air piston diameter 51mm
- air piston stroke 75mm
- maximum output 38l/min (with free discharge at 7 bar/ 100 psi inlet pressure, with water)
- minimum air pressure 3 bar/ 45 psi
- maximum air pressure 10 bar/ 145 psi
- air inlet 3/4" BSP (f)
- fluid outlet 3/8" BSP (f)
- fluid inlet 1" BSP (f)
- 2" BSP height-adjustable bung adaptor
- wetted parts acid-proof steel AISI 316, PTFE, Viton

333120



„Fluidmaster 4" DP-C 3:1

**333120 „Fluidmaster 4" DP-C 3:1****Characteristics**

„Fluidmaster 4" DP-C 3:1 is a double-acting medium pressure pump manufactured in AISI 316 stainless steel with high output. „Fluidmaster 4" pneumatic pumps can be used in large pipeline systems with several outlets even with simultaneous operation. Pumps are suitable for slightly corrosive fluids with low viscosity such as paint solvents, cleaning fluids, antifreeze (glycol), detergents, grease removers, alcohols, turpentine, petrochemical products, anticorrosion products, light inks, lacquer, wood varnish etc.

- pressure ratio 3:1
- suction tube diameter 52 mm
- air piston diameter 88 mm
- air piston stroke 100 mm
- maximum output 45 l/min (with free discharge at 7 bar/ 100 psi air inlet pressure, using water)
- minimum air pressure bar/ 45 psi
- maximum air pressure 10 bar/ 145 psi
- maximum fluid pressure 30 bar/ 435 psi
- air inlet 3/8" BSP (f)
- fluid outlet 3/4" BSP (f)
- fluid inlet 1" BSP (f)
- 2" BSP height-adjustable bung adaptor
- wetted parts stainless steel, PTFE and Viton

### Professional air-operated double diaphragm pumps for lubricants, waste oil and automotive fluids „Fluidmaster“ DF

The professional air-operated double diaphragm pumps „Fluidmaster“ DF are very versatile pumps. Although they are suitable for many liquids, we kindly ask you to let us know the fluid or chemical you intend to use the pump with when ordering.

Their innovative design, compared to traditional diaphragm pumps using manifolds, presents the following advantages:

- compact design, reduced number of components
- reduced air consumption and flow pulsation, quiet and almost vibration-free operation
- improved suction capacity, superior performance against back pressure
- extremely easy maintenance, longer service intervals

552010



„Fluidmaster“ DF-50

**552010 Air-operated double diaphragm pump „Fluidmaster“ DF-50** suitable for lubricants, waste oil, antifreeze (glycol) and water

Wetted parts: aluminum, NBR, Hytrel

**552011 Air-operated double diaphragm pump „Fluidmaster“ DF-50** suitable for lubricants, waste oil, antifreeze, water, windshield wash and brake fluid

Wetted parts: nickel coated aluminum, acetal, Hytrel

#### Characteristics

„Fluidmaster“ DF-50 is an air-operated double diaphragm pump with high output fully enclosed in an aluminium shield.

„Fluidmaster“ DF-50 pumps are designed to be used as both transfer and system pumps. As system pumps they can work on demand, e.g. starting immediately once a delivery valve is opened and stopping once it is closed.

- pressure ratio 1:1
- maximum output 50l/ min (with free delivery at 7 bar/ 100 psi inlet pressure, using water at 20° C)
- minimum air pressure 3 bar/ 45 psi
- maximum air pressure 7 bar/ 100 psi
- maximum fluid pressure 7 bar/ 100 psi
- air inlet 3/8" BSP (f)
- fluid outlet 1/2" BSP (f) and flange
- fluid inlet 1/2" BSP (f) and flange

551010



„Fluidmaster“ DF-100

**551010 Air-operated double diaphragm pump „Fluidmaster“ DF-100** suitable for lubricants, waste oil, antifreeze (glycol), transmission fluid and water

Wetted parts: aluminium, Hytrel

#### Characteristics

„Fluidmaster“ DF-100 is an air-operated double diaphragm pump with very high output fully enclosed in an aluminium shield and extremely robust.

„Fluidmaster“ DF-100 pumps can be used for fluid transfer, evacuation and within distribution systems. As system pumps they can work on demand, e.g. starting immediately once a delivery valve is opened and stopping once it is closed.

- pressure ratio 1:1
- maximum output 100 l/min (with free discharge at 7 bar/ 100 psi air inlet pressure, using water)
- minimum air pressure 3 bar/ 45 psi
- maximum air pressure 7 bar/ 100 psi
- maximum fluid pressure 7 bar/ 100 psi
- air inlet 1" BSP (f)
- fluid outlet 1" BSP (f) and flange
- fluid inlet 1" BSP (f) and flange

### Air-operated vacuum pump DVP

A reliable barrel mounted vacuum pump for fast emptying of a variety of liquids, also with solid particles, from tools, spray booths, engines or other machines.

81247



### Air-operated vacuum pompe DVP

#### 81247 Air-operated vacuum pump DVP

##### Characteristics

The air-operated vacuum pump DVP is suitable for fresh oil, waste oil, antifreeze (glycol), water, diesel fuel, paint sludge, cutting fluids etc. Vacuum is easily adjustable with a needle valve and indicated on a gauge. When the drum is full, the pump stops automatically and an indicator shows current status.

- 2" BSP barrel-tank connection
- air connection with pressure gauge
- 2m suction hose with metal end piece nom. diam. 25, 1" BSP
- air consumption approx. 60l/ min

### Mixing device FAM

The barrel or canister mounted mixing device FAM can be used for producing stable and homogeneous emulsions within a certain concentrate range. A water flow regulator and fine control valve allow mixing ratios from 0 to 10%.

81141 / 81143



### Mixing device FAM

#### 81141 Mixing device FAM-200 for 200l barrels

#### 81142 Mixing device FAM-60 for 60l barrels

#### 81143 Mixing device FAM-20 for 20l canisters with trolley

##### Characteristics

- for 200l and 60l barrels as well as for 20/25l canisters
- throughput up to 1.500l/ hour
- flow pressure 1,5 to 10 bar (22 to 145 psi)
- water connection 1/2" BSP
- suction tube
- ball valve, non-return valve
- 2m delivery hose with outlet spout

552021



### Double diaphragm mixing pump "Fluidmaster" DF-50 M

#### 552021 Air-operated double diaphragm mixing pump „Fluidmaster“ DF-50 M

##### Characteristics

"Fluidmaster" DF-50 M is an air-operated double diaphragm mixing pump for 1:1 mixing of fluids. The mixing pump is fully enclosed in an aluminium shield and extremely robust. "Fluidmaster" DF-50 M pumps can be used for mixing water with soluble oil, antifreeze or windshield wash. 50% proportioning of each fluid is fixed and cannot be changed.

- pressure ratio 1:1
- maximum output 50 l/min (with free discharge at 7 bar/ 100 psi air inlet pressure, using water)
- minimum air pressure 2 bar/ 29 psi
- maximum air pressure 7 bar/ 100 psi
- maximum fluid pressure 7 bar/ 100 psi
- air inlet 3/8" BSP (f)
- fluid outlet 1/2" BSP (f) and flange
- fluid inlet 2 x 3/8" BSP (f)
- wetted parts nickel coated aluminium, acetal, Hytrel

### Professional delivery pistols and electronic flow meters

for windscreen liquid, antifreeze concentrate and other water-soluble liquids

186300



Fluid pistol

#### 186300 Fluid pistol

##### Characteristics

- housing made of polypropylene, glass fiber coated
- valve mechanism made of stainless steel
- swivel
- including flexible outlet
- connecting thread 1/2" BSP (f)
- maximum flow rate 15l/ min
- maximum pressure 40 bar/ 580 psi

365675



Fluid pistol with electronic flow meter

#### 365675 Fluid pistol

with electronic flow meter

##### Characteristics

- fluid pistol as under 186300 described
- resettable LCD display, 4 digits and display of total delivery
- connecting thread 1/2" BSP (f)
- for liquids with operating temperature from -10°C up to +55°C
- minimum flow rate 5l/ min, maximum flow rate 15l/ min
- measuring accuracy  $\pm 0,5\%$ , easy on-site calibration
- maximum pressure 40 bar/ 580 psi
- including two standard batteries, easy to replace



**Professional lever gun „X-TRA“  
for epoxy resins  
(concrete repair business)**

40804



02501 / 02506



02701 / 02703




**Professional lever gun „X-TRA“**

**40804 Professional lever gun „X-TRA“  
concrete repair/M (DIN 1283)**

**40805 Professional lever gun „X-TRA“  
concrete repair/BSP**

**40579 Professional lever gun „X-TRA“  
concrete repair/ NPT**

**Characteristics**

- display carton with 
- air bleed valve and double seal
- connecting thread M=M10x1,  
1/8" BSP=G1/8", 1/8" NPT

**Safety high-pressure rubber hose  
with nozzle for epoxy resins**

**300 mm lang / 12 inch**

**02501 110/M**

with 4-jaw Profi-nozzle (tested by DLG)

**02531 110/BSP**

with 4-jaw Profi-nozzle

**40734 110/NPT**

with 4-jaw Profi-nozzle

**02506 112/M**

with hook-on coupler M 1

for button-head grease fittings ø 16 mm

**02536 112/BSP**

with hook-on coupler M 1

for button-head grease fittings ø 16 mm

**500 mm lang / 20 inch**

**02503 111/M**

with 4-jaw Profi-nozzle

**02533 111/BSP**

with 4-jaw Profi-nozzle

**02510 113/M**

with hook-on coupler M 1

for button-head grease fittings ø 16 mm

**02540 113/BSP**

with hook-on coupler M 1

for button-head grease fittings ø 16 mm

**Charateristics**

- high operational safety,  
bursting pressure 1.600 bar/ 23.200 psi
- double-ply wire braid hose with identification
- safety tested according to DIN 1283 (M10x1)
- diameter 13,0 mm, very flexible

**4-jaw Profi-nozzles for epoxy resins  
(concrete repair business)**

**07122 120/M 4-jaw Profi-nozzle**

**07123 120/BSP 4-jaw Profi-nozzle**

**07124 120/NPT 4-jaw Profi-nozzle**

**07131 Angled nozzle 90°/M**

**40459 Angled nozzle 90°/BSP**

**Characteristics**

- for packers with hydraulic grease fittings  
(DIN 71412)
- 4 jaws turned out of a single piece of  
highly elastic quality steel forming a circle to  
ensure precise coupling and consistent jaw  
alignment with every use
- durable elastic interior plug and  
high-performance spring for leak-proof  
operation
- case-hardened steel jaws and upper part  
of coupler for less wear and more durability
- working pressure 400 bar/ 5.800 psi
- bursting pressure 1.600 bar/ 23.200 psi