



Diaphragm Pumps



Diaphragm Pumps

The construction of the rugged ZUWA double piston diaphragm pumps provides for a constant and pulsation free transport of fluids. The pumps work in a medium pressure range and offer excellent intake capacity.

Spraying herbicides and pesticides on small to mid size crops is the most frequent application of diaphragm pumps in agriculture and horticulture. The pumps are also suitable for whitewashing stables and for applying INDISPRON® D 110 against parasites in poultry farms.

For the use with acids a pump with propylene housing and VITON® diaphragm is available

The corrosion resistant pumps can be mounted on carts, commercial vehicles, tractors or trailers.

■ Applications

- » spraying herbicides and pesticides
- » distributing liquid fertilizer
- » spraying detergents and paint
- » whitewashing stables
- » chemical disinfection
- » cleaning industrial installations

■ Features

- » pump housing nylon or polypropylene
- » continuously adjustable pressure regulator with recirculation, can be used for agitation
- » mechanical parts oil bath lubricated
- » good dry run tolerance
- » glycerine manometer (except for MC 8 and MC 18)

■ Drive Mode

Pumps are flanged directly onto the motor.

- » electric motor 230 or 400 Volt
- » combustion engine 2- or 4-stroke (Honda)
- » p.t.o. shaft (only for model MP 30)
- » hydraulic drive



with electric motor



with p.t.o. shaft



with combustion engine



*diaphragm pump with
p.t.o. connection*



■ MC 8, MC 18 and MC 20

- » for spraying applications in parks, lawns, nurseries and small to mid size crops
- » for industrial applications
- » for water soluble detergents or paint

Diaphragms are available in NBR, VITON® or Desmopan®.
For acids: MC 8 and MC 18 with polypropylene housing and VITON® diaphragm.



MC 20 with electric motor



MC 8 with electric motor



MC 18 with electric motor
acid version



MC 20 with 2-stroke motor

Technical Data

type	code	Volt	max. flow rate L/min	max. pressure bar	max. rpm	connection in/out mm	dimensions L x W x H cm	weight kg
MC 8 with electric motor	120652	230	6.9	15	1450	16.4/10.5	31 x 22.5 x 20.5	9.7
MC 8 with electric motor	120653	400	6.9	15	1450	16.4/10.5	31 x 22.5 x 20.5	9.7
MC 8 with electric motor for acids	1206421	230	6.9	15	1450	16.4/10.5	31 x 22.5 x 20.5	9.7
MC 18 with electric motor	1206412	230	10.7	15	1450	16.4/10.5	31 x 22.5 x 20.5	9.7
MC 18 with electric motor	1206413	400	10.7	15	1450	16.4/10.5	31 x 22.5 x 20.5	9.7
MC 18 with electric motor for acids	1206422	230	10.7	15	1450	16.4/10.5	31 x 22.5 x 20.5	9.7
MC 20 with electric motor	120603	230	18.5	20	650	18/10	48.5 x 26 x 33	15.6
MC 20 with electric motor	120635	400	18.5	20	650	18/10	48.5 x 26 x 33	15.6
MC 20 with 2-stroke motor	120604	--	18.5	20	650	18/10	41 x 28 x 34	9.7
MC 20 with 4-stroke motor	120643	--	18.5	20	650	18/10	54 x 35 x 40	19

Models MC 8 and MC 18 are available with combustion engine upon request.

Diaphragm Pumps

MC 25 und MP 30

- » for spraying applications in parks, lawns, nurseries and small to mid size crops
 - » for industrial applications
 - » for water soluble detergents or paint
- Diaphragms are available in NBR, VITON® or Desmopan®.



MC 25 with combustion engine



MC 25 with electric motor



MP 30 with electric motor



MP 30 with 4-stroke motor

Technical Data

type	code	Volt	max. flow rate L/min	max. pressure bar	max. rpm	connections in/out mm	dimensions L x W x H cm	weight kg
MC 25 with electric motor	12064305	230	18.5	25	650	18/10	48.5 x 22.5 x 30	13
MC 25 with electric motor	12064306	400	18.5	25	650	18/10	48.5 x 22.5 x 30	13
MC 25 with 4-stroke motor	12064304	--	18.5	25	650	18/10	54 x 34 x 36	12
MP 30 with p.t.o shaft	120627	--	29.2	30	550	23.5/11.6	10 x 26 x 22	6.6
MP 30 with electric motor	120625	400	29.2	30	550	23.5/11.6	56 x 29 x 35	28
MP 30 with 4-stroke motor	120622	--	29.2	30	550	23.5/11.6	63 x 40 x 40	30