



Fertigation Pumps

Dosetic

Dostec AC

Fertic

Multifertic

Agitators





FERTIC PUMPS

Cat No.	Injection Flow Rate l/hr Max	Inlet/Outlet (mm)	Operating Pressure
FERTIC	500	16	50 - 1200



AGITATORS

AGITATORS - TURBINE

For Fertilizer Tanks

▼	▼	▼
60AG-185/3	3 Phase 180 W motor, 1.1 m shaft, Ø0.8 m tank x 600L tank max	
60AG-370/3	3 Phase 370 W motor, 1.3 m shaft, Ø1.5 m tank x 3,000L tank max	
60AG-370/1	Single Phase 370 W motor, 1.3 m shaft, Ø1.5 m tank x 3,000L tank max, thermal overload built in	
60AG-550/3	3 Phase 550 W motor, 2 m shaft, Ø1.9 m tank x 7,000L tank max	
60AG-550/1	Single Phase 550 W motor, 1.5 m shaft, Ø2.7 m tank x 10,000L tank max, thermal overload built in	
60AG-750/3	3 phase 750 W motor, 1.5m shaft, Ø2.7m tank x 10,000L tank max	
60AG-1150/1	Single Phase 750 W motor, 1.5m shaft, Ø2.7m tank x 10,000L tank max, thermal overload built in	

NOTES

- All agitators are for flanged mounting.
- Thermal overload motor protection must be fitted on installation for 3 Phase models.
- Shaft lengths should be installed a maximum of 200 mm from tank bottom.





MULTIFERTIC

Cat. No.	Max Injection L/hr	Description	Max Injection Pressure kPa
60MF1-025	25	25 l/hr single piston head	1500
60MF-050	50	50 l/hr single piston head	1500
60MF-100	100	100 l/hr single piston head	1500
60MF-200	200	200 l/hr single piston head	800
60MF-300	300	300 l/hr single piston head	500
60MF1-025D	19 - 24	25 l/hr single diaphragm head	1000
60MF-050D	37 - 48	50 l/hr single diaphragm head	1000
60MF-100D	86 - 104	100 l/hr single diaphragm head	1000
60MF-200D	160 - 200	200 l/hr single diaphragm head	600
60MF-300D	247 - 310	300 l/hr single diaphragm head	400

Piston or Diaphragm Heads, basic unit comes with one (single) injection head only

NOTES

- Standard motors are 3 Phase, Single Phase. 12V DC & 24V DC, 130 & 300 W motors are also available. Check pressure ratings and additional costs with Triangle Waterquip.
- Add additional heads required as listed below on your order. Heads can be fitted onto existing installed units.
- Up to 4 x independent dosing heads can be fitted onto the one machine, for maximum total flow of approximately 1000 l/hr.
- Flow rates can be accurately adjusted manually from 30 - 100% on thumb wheel on each head.
- Additional heads affect injection pressures, enquire with us for more detail.
- Supplied with oil, filter, stand, hose fittings and injection valve.
- For external controls, see pages 18 & 19.

ADDITIONAL INJECTION HEADS 25 - 500 L/HR

Cat. No.	Description
60MI-025	25 l/hr single piston head
60MI-050	50 l/hr single piston head
60MI-100	100 l/hr single piston head
60MI-200	200 l/hr single piston head
60MI-300	300 l/hr single piston head
60MI-025D	25 l/hr single diaphragm head
60MI-050D	50 l/hr single diaphragm head
60MI-100D	100 l/hr single diaphragm head
60MI-200D	200 l/hr single diaphragm head
60MI-300D	300 l/hr single diaphragm head



NOTE

- For all diaphragm pumps refer headloss chart in the Multifertic Manual.



DOSITEC - SERIES

Cat. No.	Description	Max Flow L/hr
DOSITEC-MD	0 - 100% manual control via + - buttons, digital display, level switch	
DOS-MD2.5	Manual control via push buttons	2.5
DOS-MD6		6
DOS-MD9		9
DOSITEC-Q	Proportional injection via a pulse water meter, digital display, level switch	
DOS-Q2.5	Injection proportional to flow	2.5
DOS-Q9		9
DOSITEC-mA	Injection via an external 4-20ma signal, digital display, level switch	
DOS-mA2.5	Injection via external 4-20mA signal	2.5
DOS-mA9		9
DOSITEC-PRC	pH or REDOX regulation, digital display, 4-20 mA output, level switch	
DOS-PRC2.5	pH or REDOX regulation	2.5
DOS-PRC9		9
DOSITEC-MF	Multifunction unit; man. control, proportional injection, 4-20ma, timer with alarms	
DOS-MF2.5	Multifunctional unit	2.5
DOS-MF9		9
Optional Extras		
DOS-ADH	Automatic De-Gassing head valve. Required for liquid chlorine use	
59-049-P	DOSITEC Installation Kit Assembly	
59-049-F	Chlorine Kit.- includes PVDF Injection point, PVDF Foot filter, 4 m x 4 mm chlorine injection hose - (requires DOS-ADH De-Gassing head to be added)	

NOTES

- All units are 240V AC single phase.
- 10 Bar rated.
- Standard materials are: PVDF head with PTFE diaphragm.

Up to 9 l/hr @10 Bar





DOSMART & DTEC - SERIES

- Dosing pump series with a step-motor and advanced control functions to automate the dosing of liquid chemicals precisely and efficiently
- Remote manual liquid adjustment of flow rate dosing
- Proportional flow rate by pulse input, analogue 4-20mA signal
- Dosing by volume and time. Manual, remote or time activation



Cat. No.	Max Injection L/hr	Max Injection Pressure kPa
DOSMART1.5	1.5	16
DOSMART4	4	12
DOSMART8	8	8
DOSMART13	13	7
DOSMART25	25	5

DOSTEC® AC - ADVANCED CONTROL SERIES DIAPHRAGM PUMPS

Cat. No.		Max Injection L/hr	Max Injection Pressure kPa
DTEC-AC2-10D	DOSTEC AC 40 (DIAPHRAGM)	6.5 - 9.5	1500
DTEC-AC2-50D		38 - 53	1500
DTEC-AC2-100D		83 - 111	1000
DTEC-AC2-200D		173 - 209	800
DTEC-AC2-250D		251 - 284	500
DTEC-AC2-340D		301 - 342	500
DTEC-AC3-480D	DOSTEC AC 50 (DIAPHRAGM)	373 - 481	1000
DTEC-AC3-620D		498 - 624	1000
DTEC-AC3-820D		624 - 822	700
DTEC-AC3-1200D		1044 - 1254	500

NOTES

- Capable of dosing from 10 - 100% of capacity.
- Manual or automatic control via flow sensor, pulse water meter or analogue (4/20mA) signal.
- Batch control by volume or time.
- All units available in single phase only.
- DOSTEC® 40 AC 20 mm connections for suction and delivery.
- DOSTEC® 50 AC 32 mm connections for suction and delivery.
- Piston units available upon request.





DOSTEC - HIGH VOLUME INJECTION PUMPS

Cat. No.		Max Injection L/hr	Max Injection
PISTON HEAD	DTEC40-200	DOSTEC 40	200
	DTEC40-240		240
	DTEC40-300		300
	DTEC50-330	DOSTEC 50	330
	DTEC50-500		500
	DTEC50-750		750
	DTEC50-1000		1000
DIAPHRAGM HEAD	DTEC40-200D	DOSTEC 40	173 - 209 l/hr
	DTEC40-340D		301 - 342 l/hr
	DTEC50-540D	DOSTEC 50	415 - 535 l/hr
	DTEC50-700D		520 - 685 l/hr
	DTEC50-1000D		870 - 1045 l/hr



Single Head Up to 1000 l/hr - 30 - 100% Adjustment

NOTE

- Injection rate of diaphragm heads will vary with line pressure and viscosity of the solution.

EFR PUMPS - PISTON & DIAPHRAGM MODELS

Up to 3200 litres/hour - Single & Dual Injection Heads

Cat. No.	Max Injection L/hr	Description	Max Injection Pressure kPa	
SINGLE HEAD	EFR-1000	EFR fully adjustable units, Piston, Single Head	800	
	EFR-1200		700	
	EFR-1330		600	
	EFR-1600		500	
	EFR-1250D	1044-1253	EFR, Diaphragm, Single Head	500
PISTON UNIT				
DUAL HEAD	EFR-1000+1000	1000 + 1000 l/hr	800	
	EFR-1200+1200	1200 + 1200 l/hr	700	
	EFR-1330+1330	1330 + 1330 l/hr	600	
	EFR-1600+1600	1600 + 1600 l/hr	500	
	DIAPHRAGM UNIT			
	EFR-750+750D	1248-1644	750 + 750 l/hr nominal	700
	EFR-1000+1000D	1740-2090	1000 + 1000 l/hr nominal	500
EFR-1200+1200D	2088-2508	1200 + 1200 l/hr nominal	500	

NOTE

- Dual Head units are also available with different combinations of head flow rates. This range of pumps are initially available on indent only.



Fertigation Pumps

Dosetic

Dostec AC

Fertic

Multifertic

Agitators



For Assistance please contact Michael: 0488 917 285 or michael@irrigationdirect.com.au