

Road Roller Series

HEAVY DUTY, LONG LIFE PUMPS

Flojet Road Roller Series pumps evenly spray water to surface of the rollers to prevent concrete or pavement from sticking.

Flojet Road Roller pumps are engineered and constructed with the latest co-injection mold diaphragm technology to significantly reduce potential leak paths. This latest innovation offers unequalled pump performance and life.

Flojet Road Roller pumps offer exceptional flow rates and pressures. With operating pressures exceeding 50 psi and self-priming capabilities exceeding 10ft, these pumps are specifically designed for continuously directing confined sheet-like sprays of water onto the surfaces of rollers. Flojet's Road Roller Series includes a heavy duty strainer to protect the pump and nozzle from clogging.



Features and Benefits

Expect only the best. With over 30 years of pump design and manufacturing experience, ITT Flojet is committed to delivering the hardest working and longest lasting pumps. No matter the application, Flojet can provide a superior pump to match all your requirements.

- Compact size and lightweight
- Continuous duty
- Robust design featuring a heavy duty motor mounted to a welded baseplate
- Easy to install
- Low cost, low maintenance modular design means a trouble free service life
- External bypass protects the pump from back pressure
- Self-priming up to 10ft (3.5m)
- Can run dry without damage

FLOJET
a xylem brand

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Features and Benefits

- Highest flow rates for their size
- Plug-in ports for easy installation and servicing
- Can be mounted easily anywhere with functional mounting platforms & simple connections - fit it anywhere and plumb up
- Low cost, low maintenance modular design means a trouble free service life
- Spare parts & accessories are readily available & easy to install
- Self-priming even when dry
- Dry vertical lift from 6ft (1.8m) up to 10ft (9m)
- Can run dry without damage

Ideal for

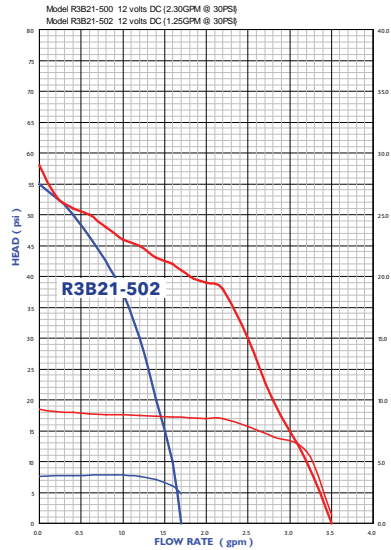
- Ride-on Road Rollers with knock-down bar
- Ride-on Road Rollers with articulating-swivel
- Vibratory Road Rollers
- Pneumatic-tyre Road Rollers
- Tractor mounted and powered Road Rollers

Triplex High Flow Specifications

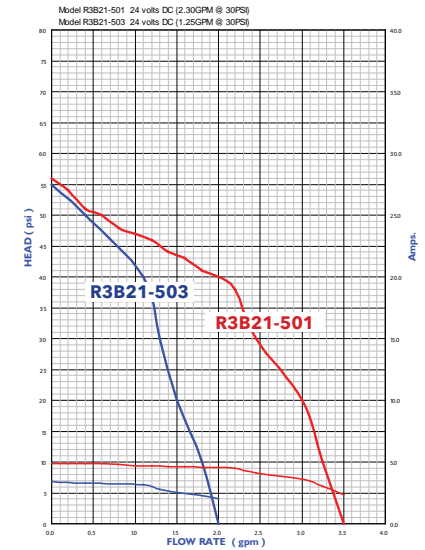
Pump Design	Motor operated 3 chamber diaphragm
Motor	Permanent magnet DC
Voltage	12V DC / 24V DC
Pump Head	Glass filled nylon
Elastomers	Diaphragm - Santoprene™; Check valves - Viton®
Max. Flow Rate @ 30 PSI	1.25 GPM (4.70 LPM) & 2.3 GPM (8.70 LPM)
Max. Pressure	Max running pressure 50 psi (4.1 bar)
Max. Liquid Temp.	4 - Min, 71 - Max °C, 40 - Min, 160 - Max °F
Duty Cycle	Continuous
Weight	7.0lb (3.17kg)
Size	L 9.53" (242.1cm) x W 4.45" (113.0cm) x H 4.24" (107.7cm)
Certifications	CE, RoHS, C-Tick, E-Mark
Port Size inlet / outlet - Standard	1/2" HB Straight

Performance

12 Volt Models



24 Volt Models



Model #s	Volts	Amp Draw	Bypass PSI (Bar)	Diaphragm	Check Valve	Flow @ 30 PSI GPM (LPM)	Fittings
R3B21-500A	12	8.5	50 (3.5)	Santoprene	Viton	2.3 (8.70)	1/2" HB ST
R3B21-501A	24	5.0	50 (3.5)	Santoprene	Viton	2.3 (8.70)	1/2" HB ST
R3B21-502A	12	8.5	50 (3.5)	Santoprene	Viton	1.25 (4.73)	1/2" HB ST
R3B21-503A	24	5.0	50 (3.5)	Santoprene	Viton	1.25 (4.73)	1/2" HB ST



Warranty: All products of the company are sold and all services of the company are offered subject to the company's warranty and terms and conditions of sale, copies of which will be furnished upon request. The information provided herein is for guidance only, it does not constitute a guarantee of the performance or specification of any individual product or component.

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