

#POWERINGWATER



AQUABOOST WATER BOOSTING

STUART-TURNER.CO.UK

**STUART
TURNER** 

ABOUT US

We are a UK manufacturer of pump and water boosting solutions with an unprecedented reputation for product quality, reliability, innovation and customer service.

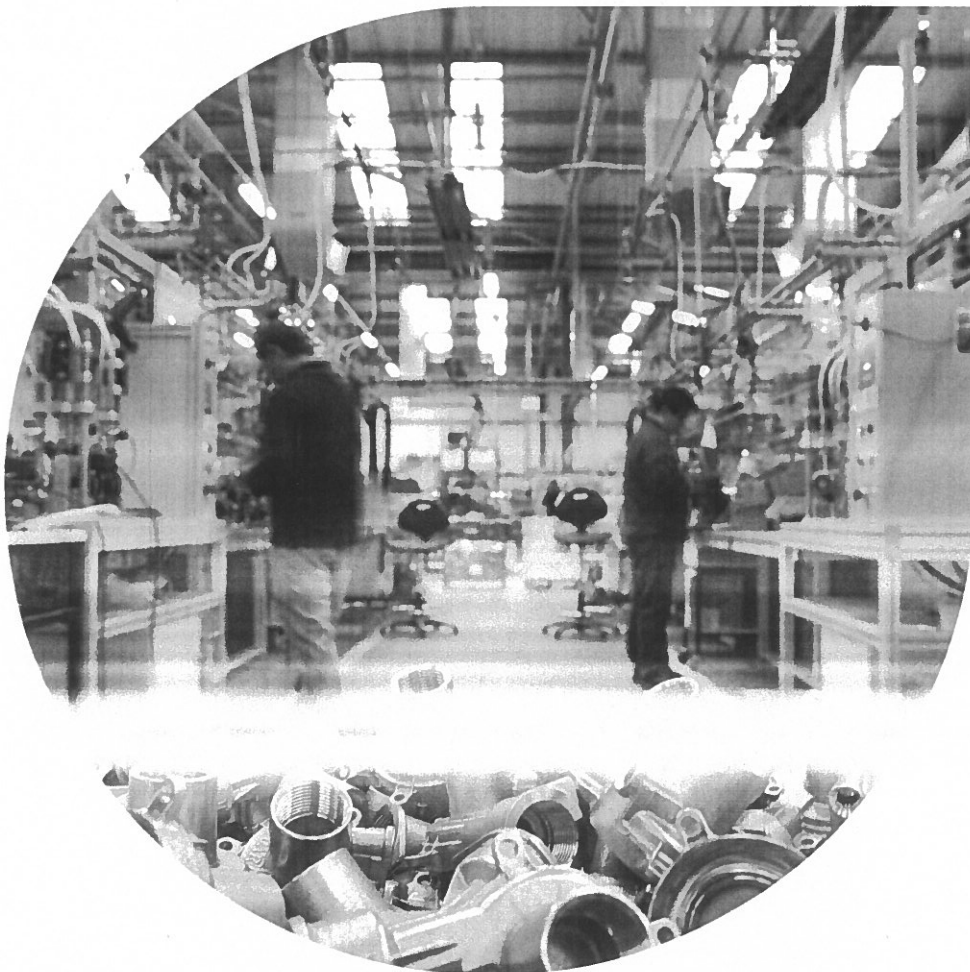
Customers can expect nothing but the best product, using the latest technology, manufactured to the highest quality standards, resulting in the most reliable solution available.

All our products are designed and manufactured to exacting standards right here in the UK.

Most installations can be satisfied from our standard range of products, however, if you need a more tailored solution, our unique manufacturing facility combined with our technical expertise means we can provide bespoke options specifically aimed at commercial and OEM markets.

Telephone: **TechAssist +44 (0) 800 31 969 80** e-mail info@stuart-turner.co.uk

or visit the support section of the Stuart Turner website to find our specialist in your area.
stuart-turner.co.uk



UNRIVALLED SUPPORT

We are specialists in our field, with a dedicated team able to offer help at every stage.

DESIGN EXPERTISE

Our expert team can conduct a detailed analysis of the performance requirements of the intended project to produce a fully costed proposal. All our systems are custom designed in-house using the latest CAD software to develop, evaluate and aid the design of the most efficient solution for your specific needs.



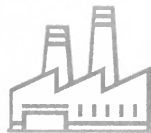
COMMISSIONING

We provide a full commissioning service on all our systems and are available to advise on the installation of your system should you require our technical help or practical expertise.



MANUFACTURING EXCELLENCE

We have invested in the latest production and manufacturing technologies to ensure we work to the highest quality standards. This guarantees our system reliability whilst at the same time minimising costs, improving efficiency and delivering on time and in full.



MAINTENANCE

Ongoing maintenance is a cost-effective solution to prolonging the life of your system and maximising its operational efficiency. To ensure the system continues to operate effectively and reliably we can also offer a comprehensive maintenance and service contract.



TECHNICAL TRAINING

We offer a range of CPD courses aimed at building service engineers and accredited by CIBSE – Chartered Institution of Building Service Engineers. CIBSE is an internationally recognised

membership through training and education.

Visit the **CIBSE** website for further details.



ON-GOING SUPPORT

The quality and reliability of our products and services are second to none, allowing you peace of mind when you specify Stuart Turner. However, should you experience any issues we have a

technical service team available to assist with product selection.

Technical helpline:
TechAssist 0800 31 969 80



AQUABOOST iBOLT

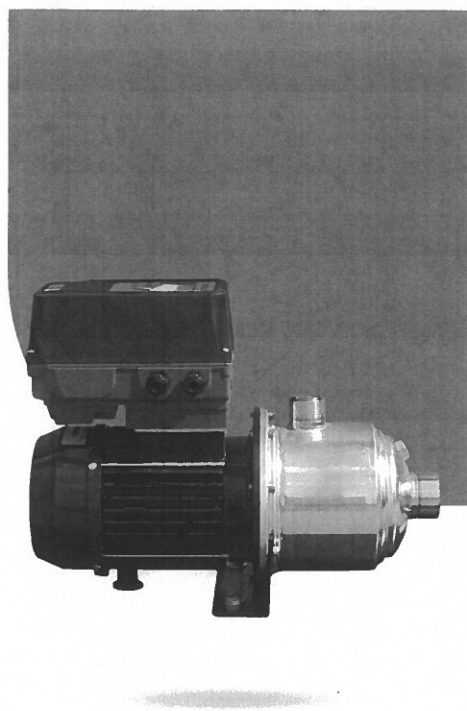
iBolt Single Pumps

The Aquaboost iBolt range of booster pumps features a horizontal multistage pump controlled by an air-cooled variable speed frequency inverter mounted directly on the pump motor.

The single pump 03 range of pump variants are capable of delivering flow rates up to 5.0 m³/hour and producing head pressures of up to 9.0 bar.

The 05 range of pump variants deliver flow rates up to 8.0 m³/hour and are capable of producing head pressures of up to 9.2 bar.

The 09 range of pump variants are capable of delivering flow rates up to 15.0 m³/hour and of producing head pressures of up to 7.1 bar.



- ▶ UP TO 9.2 BAR PRESSURE
- ▶ FLOW RATES UP TO 15 M³/ HOUR
- ▶ ADVANCED VARIABLE SPEED CONTROL
- ▶ DRY RUN PROTECTION

Part No	Model	Nominal Flow (per pump) (m ³ /hr)	Nominal Head (bar)
47345	iBolt Pump 0304	3	3.0
47346	iBolt Pump 0306	3	4.7
47346	iBolt Pump 0308	3	6.4
47347	iBolt Pump 0504	5	3.4
47348	iBolt Pump 0506	5	5.0
47349	iBolt Pump 0904	9	3.6
47350	iBolt Pump 0906	9	5.0

TECHNICAL SPECIFICATIONS

		iBolt Pump 0304 47345	iBolt Pump 0506 47348	iBolt Pump 0906 47350
General	Warranty	2 Years		
	Conformity certification	UKCA / CE		
Features	Pump control system	Variable speed (via pressure transducer)		
	Pump control mode	Duty		
	Dry run protection	•	•	•
	BMS volt-free contacts	•	•	•
Performance	Nominal head	3.0 bar	5.0 bar	5.0 bar
	Maximum head (closed valve)	4.4 bar	7.0 bar	7.1 bar
	Nominal flow rate	3.0 m ³ /h	5.0 m ³ /h	9.0 m ³ /h
	Maximum flow rate	5.0 m ³ /h	8.0 m ³ /h	15.0 m ³ /h
	Minimum static inlet pressure	0.1 bar		
	Maximum static inlet pressure	1 bar		
	Maximum static outlet pressure	1.3 bar		
	Maximum air temperature	40 °C		
Connections	Inlet	1 3/4"		
	Outlet	1"		
Pump	Pump type	Centrifugal multistage		
	Pump body	Stainless steel		
	Impeller	Stainless steel		
	Mechanical seal	EPDM / Carbon / Ceramic		
	Motor type	Induction (current overload sensor)		
	Duty rating	Continuous		
Electrical	Voltage / phase / frequency	230 V a.c. / 1 / 50 Hz		
	Current – full load	2.9 Amps	5.5 Amps	8.7 Amps
Physical	Enclosure protection	IP55		
	Width	176.5 mm	176.5 mm	176.5 mm
	Depth	387 mm	470 mm	556 mm
	Height	300 mm	315 mm	320 mm
	Weight	13 Kg	18 Kg	25 Kg

The above details are published for guidance only. Please visit the Stuart Turner website for the full technical specifications: stuart-turner.co.uk