

Dewatering Solutions



Services Overview

Torishima Service Solutions offers a comprehensive range of diesel and electric-driven dewatering pumps engineered for demanding environments. With smart features and fast availability, our solutions are built to perform and easy to support.

- Diesel & electric driven dewatering pumps
- Automatic self-priming system options
- High-efficiency pump range
- Available stock for reduced delivery times
- Annual maintenance agreements
- Smart control panels with auto start/stop & remote functionality



Our Expertise

Backed by decades of engineering experience, our in-house team delivers complete dewatering solutions - from initial design and fabrication to onsite commissioning. We provide expert support throughout the project lifecycle.

- Engineered pump solutions for oil & gas, construction, marine, mining, and industrial sectors
- Tailored selections based on site conditions using advanced pump sizing software
- Certified QA/QC processes and documentation
- In-house testing facility, with third party inspection available
- Local service team ensures fast response and minimal downtime



Pump Specifications

Our dewatering pumps combine robust engineering with smart design features to deliver reliable performance in the most challenging environments. Each unit is engineered for durability, efficiency, and ease of maintenance, even when handling heavy solids or operating in noise-sensitive areas

- Acoustic enclosures for residential or noise-sensitive areas
- Mounting options: skid, trolley, trailer, and DNV lifting frames
- Non-clog impellers (standard on “S” range), handling solids up to 245mm
- Self-cleaning stuffing box protects mechanical seals from solids and sand
- Dry-run protection with separate oil reservoir for continuous operation
- Flow rates up to 15,000 m³/h and pressures up to 24 bar
- Durable construction: ductile iron standard, SS316 & CD4MCU optional



Advanced Priming System

Our mechanical diaphragm priming systems are designed for simplicity and reliability. Environmentally friendly, with minimal power draw, they deliver consistent performance with low maintenance.

- Mechanically operated diaphragm pump:
 - Standard: 50 CFM (24 LPS) @ 1100 RPM
 - Twin option: 100 CFM (48 LPS)
- No external lubrication or filtration systems required
- Low energy use: 1.5 kW during priming, 0.4 kW when primed
- Extended service life: actuator seal replacement ~ every 4,000 hours at BEP
- Diaphragm design eliminates vapour emissions and emulsification



Service & Support Overview

Beyond delivering high-performance dewatering systems, we ensure their reliability with end-to-end service and support.

Comprehensive Service

- Expert on-site troubleshooting and rapid-response teams
- Preventative maintenance programs to reduce downtime
- Annual service agreements tailored to your needs

Technical Assistance

- 24/7 local technical support
- Remote diagnostics for smart control systems
- Access to certified engineers and technicians

Spare Parts & Logistics

- Locally stocked critical components for fast turnaround
- Genuine parts to ensure long-term equipment performance
- Full logistics coordination



Pump Range

Low Head

Model	Suction Size	Discharge Size	Max. Flow	Max. Head	Max. Solids
TDLH100C8	125mm	100mm	295 m3/hr	52m	25mm
TDLH100S8	100mm	100mm	328 m3/hr	36m	75mm
TDLH100S10	100mm	100mm	385 m3/hr	45m	75mm
TDLH150S10	150mm	150mm	590 m3/hr	43m	75mm
TDLH150S11	150mm	150mm	612 m3/hr	48m	75mm
TDLH200S11	200mm	200mm	780 m3/hr	44m	75mm
TDLH200S12	200mm	200mm	1098 m3/hr	59m	75mm
TDLH250S12	250mm	250mm	1198 m3/hr	35m	100mm
TDLH300S14	300mm	300mm	1584 m3/hr	31m	100mm
TDLH350S21	350mm	350mm	2798 m3/hr	60m	89mm
TDLH400S33	400mm	400mm	3600 m3/hr	96m	125mm
TDLH500S39	500mm	500mm	5000 m3/hr	56m	125mm
TDLH600S33A	600mm	600mm	6400 m3/hr	33m	150mm
TDLH750S33A	750mm	750mm	8494 m3/hr	20m	175mm
TDLH1050S46	1050mm	1050mm	15000 m3/hr	24m	250mm

Medium Head

Model	Suction Size	Discharge Size	Max. Flow	Max. Head	Max. Solids
TDMH80C14	125mm	80mm	215 m3/hr	107m	25mm
TDMH100C14	125mm	100mm	286 m3/hr	103m	25mm
TDMH100S14	100mm	100mm	374 m3/hr	128m	75mm
TDMH125C14	100mm	100mm	540 m3/hr	103m	25mm
TDMH150C14	200mm	150mm	613 m3/hr	85m	25mm
TDMH150C17	200mm	150mm	719 m3/hr	112m	25mm
TDMH150S14E	150mm	150mm	681 m3/hr	88m	75mm
TDMH150S14F	150mm	150mm	704 m3/hr	82m	75mm
TDMH200C14	150mm	200mm	1078 m3/hr	53m	25mm
TDMH200C17	250mm	200mm	1113 m3/hr	97m	25mm
TDMH200S17	250mm	200mm	1679 m3/hr	131m	87.5mm
TDMH300S17	300mm	300mm	2188 m3/hr	79m	87.5mm

High Head

Model	Suction Size	Discharge Size	Max. Flow	Max. Head	Max. Solids
TDHH100C19	100mm	80mm	233 m3/hr	257m	25mm
TDHH125C17E	125mm	80mm	200 m3/hr	170m	25mm
TDHH125C17F	125mm	100mm	268 m3/hr	168m	25mm
TDHH125C21	125mm	100mm	272 m3/hr	157m	25mm
TDHH150C17	150mm	125mm	477 m3/hr	166m	25mm
TDHH150C21	150mm	125mm	500 m3/hr	160m	25mm
TDHH150S12	100mm	125mm	374 m3/hr	200m	25mm
TDHH200C21	200mm	150mm	795 m3/hr	154m	25mm
TDHH200S22	200mm	150mm	954 m3/hr	194m	50mm
TDHH250S22	250mm	200mm	1908 m3/hr	178m	100mm
TDHH300S22	300mm	200mm	2852 m3/hr	229m	75mm



Driving Industrial Evolution

Our History

Torishima Service Solutions operates as a subsidiary of Torishima Pump Manufacturing Co. Ltd, founded in 1919, Osaka, Japan. We have service centres across: Japan, Europe, Asia, Australia, USA and the Middle East.

Renowned for our expertise, we provide world-class engineering solutions, specialising in pumps and rotating machinery, oilfield equipment, dewatering pump sets, chemical injection and dosing packages and API & non-API centrifugal pump packages throughout the Middle East.

Our Vision

To deliver world-class service solutions that maximise the life span and efficiency of plant equipment - powered by teamwork, professionalism, and innovation.

Contact us - ME

Dubai -

National Industries Park – Jebel Ali P.O Box. 37603 Dubai, UAE

Tel: +971 4 880 7344

Abu Dhabi -

Al Taweela KIZAD A (Non-Free Zone) KHIA9, Plot #8, Unit C-14 Abu Dhabi, UAE

Tel: +971 2 674 3880

Saudi Arabia -

2nd Industrial City Jeddah, Street 82 (Front Gate) and Street 90 (Back Gate), Building 7007,
PO Box 22756, Jeddah, Kingdom of Saudi Arabia

Tel: +966 12 659 0092

Qatar -

Office 523, 5th Floor, Regus Business Centre Gath Bldg, P.O.BOX : 47095, Doha, Qatar

Tel: +974 6686 8499

