

Tsurumi's record holder

There is no getting away from the global market leader for construction pumps, Tsurumi, at this exhibition: the Japanese manufacturer introduces its latest top-of-the-range model for dewatering, the LH4110W, to the market on stand A6.338.

The blue painted high-pressure pump cannot be missed: It is an imposing phenomenon with a construction height over 1.8 m and a net weight of around 1.3 tonnes, but it impresses even more with its performance. The LH pumps water with particles up to 8 mm in diameter vertically upwards, reaching up to 216 metres. "This is the strongest performing pump of its kind offered by Tsurumi Europe," emphasises Product Manager Stefan Himmelsbach. The record holder was designed for water storage in very deep construction pits. It is also used wherever large horizontal distances have to be covered. "One pump is now enough in places where several used to be needed."

In order to achieve this performance level, the manufacturer has equipped the star delta 400 V unit with a 110 KW electric motor. The pump casing is made of sturdy GG20 grey cast iron and the two closed non-clog impellers, arranged behind each other, are made of chromium cast iron. The double inside mechanical seal on the shaft in the oil tank, a special technical feature of the manufacturer, is made of extremely hard silicon carbide. Thanks to the water jacket around the motor housing, the motor is sufficiently cooled in semi-immersed operation. The centred flange reduces the diameter of the pump so that it can also be used in slotted bridge filters, for example. It generally runs in any position.

Tsurumi is one of the few manufacturers to keep most of its 250 models, offered in Europe alone, available for immediate delivery from stock. Find out more online at Tsurumi.eu.

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Η εταιρεία Tsurumi είναι μία από τις πιο έμπειρες εταιρείες κατασκευής αντλιών παγκοσμίως. Από τις σύγχρονες εγκαταστάσεις της στο Kyoto, η Tsurumi κατασκευάζει τις περισσότερες υποβρύχιες αντλίες παγκοσμίως ανά έτος σε σχέση με οποιαδήποτε άλλη εταιρεία κατασκευής αντλιών. Σήμερα υπάρχουν περισσότερα από 1.800 διαφορετικά μοντέλα αντλιών που κατασκευάζει η Tsurumi, συμπεριλαμβανομένων των αντλιών τύπου ημι-vortex, vortex, αντλιών με μεγάλες εισόδους (non-clog), αντλιών με πτερωτή κοπή, αντλιών εργοταξίου και απομάκρυνσης εναπομεινάντων υδάτων, αντλιών αποχέτευσης και λυμάτων, αερισμού και ανεμιστήρων, μονάδων μεταγγίσεως (decanting) και συλλογής επιπλεόντων υλικών. Η Tsurumi δραστηριοποιείται παγκοσμίως με ένα εκτεταμένο δίκτυο αντιπροσώπων στην Ευρώπη, τη Βόρεια και Νότια Αμερική, την Ασία, την Αυστραλία και σε μέρη της Αφρικής.

www.tsurumi.eu



The new LH4110W from Tsurumi is a high-pressure pump with a dry weight of almost 1.3 tonnes at a construction height of 1.8 m. It pumps waste water vertically, reaching up to 216 m (photo: Tsurumi)

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The new LH4110W high-pressure pump is the strongest of its kind in the range offered by Japanese manufacturer Tsurumi (photo: Tsurumi)

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Cross-section of the LH4110W, the strongest pump of its kind in the range offered by Japanese submersible pump market leaders with its European headquarters in Düsseldorf: Several technical features are exclusive to Tsurumi (photo: Tsurumi)

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