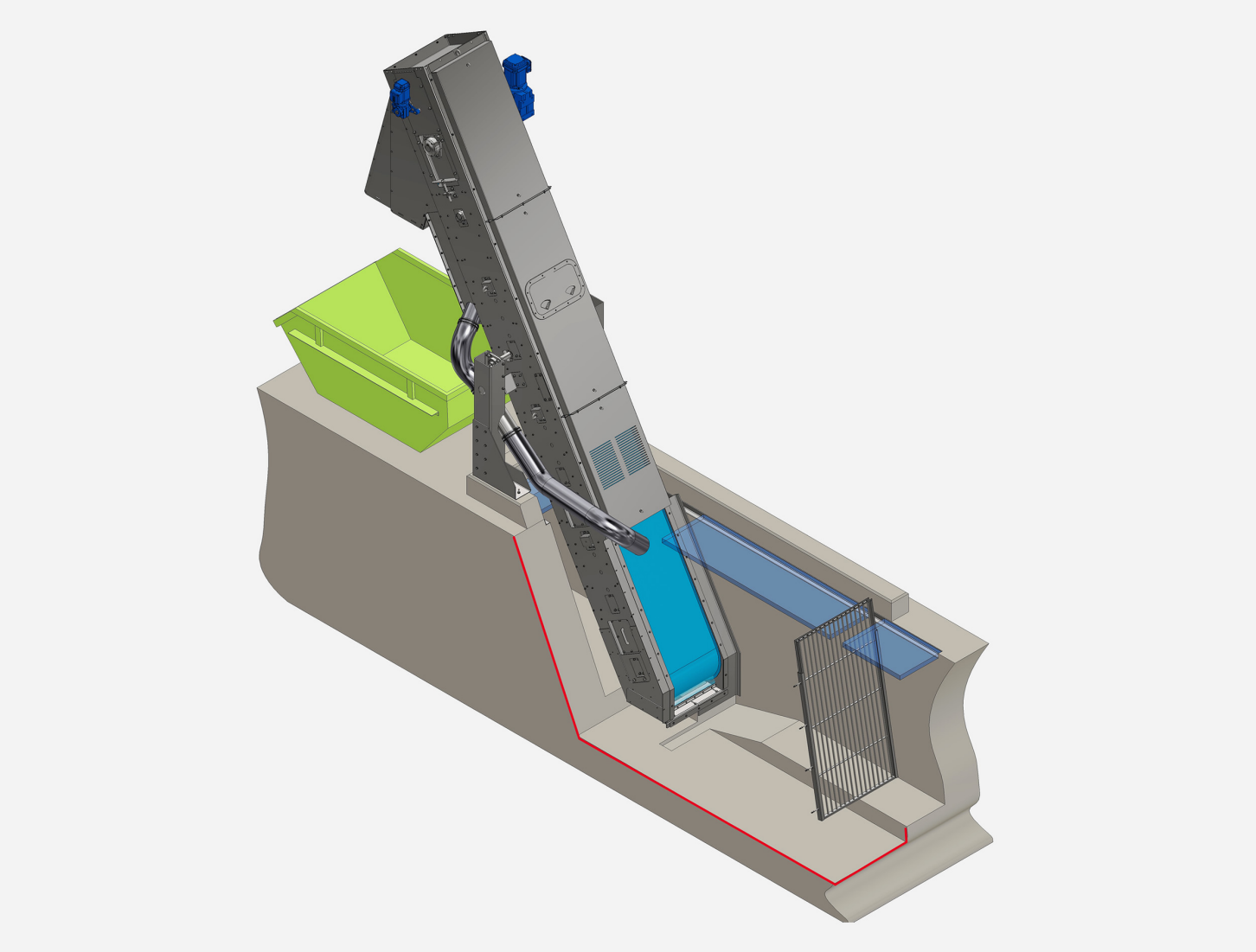
DINOSCREEN – keep your U-Drain Channels clean



Downloaded & Saved / Printed on 3-11-2026

DINOSCREEN – keep your U-Drain Channels clean

Technology

In existing and new green field Paper Mills spilling- and waste waters are collected in U-Drain- / Sewer Channels. Very often Coarse Contaminants such as plastic foils, wood residuals, polystyrol and many others accumulate in these Sewer Channels and consequently plug pumps and discharge pipes.
The DINOSCREEN is a travelling screen designed for continuous operation, which is submerged in the Sewer Channel. For filtering and back hold of Contaminants an upwards travelling screen chain is used, this 30 degrees inclined Screen Chain consists of single fiber reinforced composite Rake Fingers with 3 or 6 mm vertical gap in between.
Filtered contaminant material is so with in continuous operation slowly conveyed out of the U-Drain water stream and discharged to a container for disposal.
The upward moving Screen Chain is cleaned by spray Nozzles and a rotating brush element.
The DINOSCREEN Equipment is hinged and can be lifted out of the “U- Drain operating position” within minutes for Inspection or Maintenance.

Features

- Continuous slow operating Screen Chain to clean U-Drain- / Sewer Channels, consisting Rake Fingers with 3 or 6 mm gap
- Body and mechanics built fully in Stainless Steel; fiber reinforced composite Rake Fingers
- Special hinged Design allows to lift DINOSCREEN out of the “U- Drain operating position” without crane
- Designed for deep U-Drain- / Sewer Channels and high Volume through put

Why to buy

- Market Leading Travelling Screen with 150 Industry Installations WW
- Keeps U-Drain- / Sewer Channels clean and secures reliable sewer pump operation
- Easy Access und maintenance thanks to hinged Design
- Simple, Energy Efficient low OPEX





Downloaded & Saved / Printed on 3-11-2026

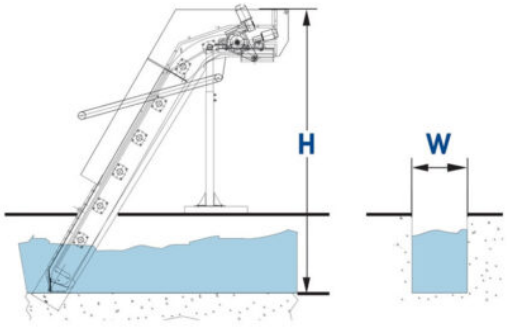
Typical & Proven Process

- Detrashing and removal of Coarse Contaminants from U-Drain- / Sewer Channels
- Contaminant protection and removal for Fresh Water intake from Surface Water as Rivers and Lakes

See the following Products as well

- Elephant Filter
- MSC Screw Conveyors
- MBX Belt Conveyors and Container Stations
- COMPAX CFX and ECOMPAX ECX Trash and Reject compactors

Specifications



DINOSCREEN Model	Chanel Width **W** **[mm]**	**Height Range H [mm]**
50 x H	500	2500-7500
75 x H	750	2500-7500

Downloaded & Saved / Printed on 3-11-2026

Meri Environmental Solutions GmbH
Bodenseestr. 113
81243 Munich, Germany
Tel. +49 89 59 33 44
info@meri.de

Voith Meri Environmental Solutions, Inc.
2620 E. Glendale Avenue
P.O. Box 1262
Appleton WI 54911-1262, USA
Tel. +1 920 734-8485
info@meriusa.com

Meri Sistemas e Tecnologia Ltda.
R. Friedrich von Voith, 825
São Paulo – SP – 02995-000, Brasil
Tel. +55 11 3944-6644
meribrasil@meribrasil.com.br

Meri Environmental Technology (Kunshan) Co.,Ltd.
No. 665 Jiande Road, Zhangpu Town,
Kunshan City, 215321 Jiangsu Province,
China
Tel. +86 51 28 68 90 834
info@meri.cn

www.meri.de

Note: All product-related data and information in this publication shall serve for information purposes only. They shall not be interpreted or intended to represent any kind of warranty or guarantee. The only legally binding statements are those contained solely within our quotations. Errors and omissions excepted. Technical data are subject to change.

Downloaded & Saved / Printed on 3-11-2026