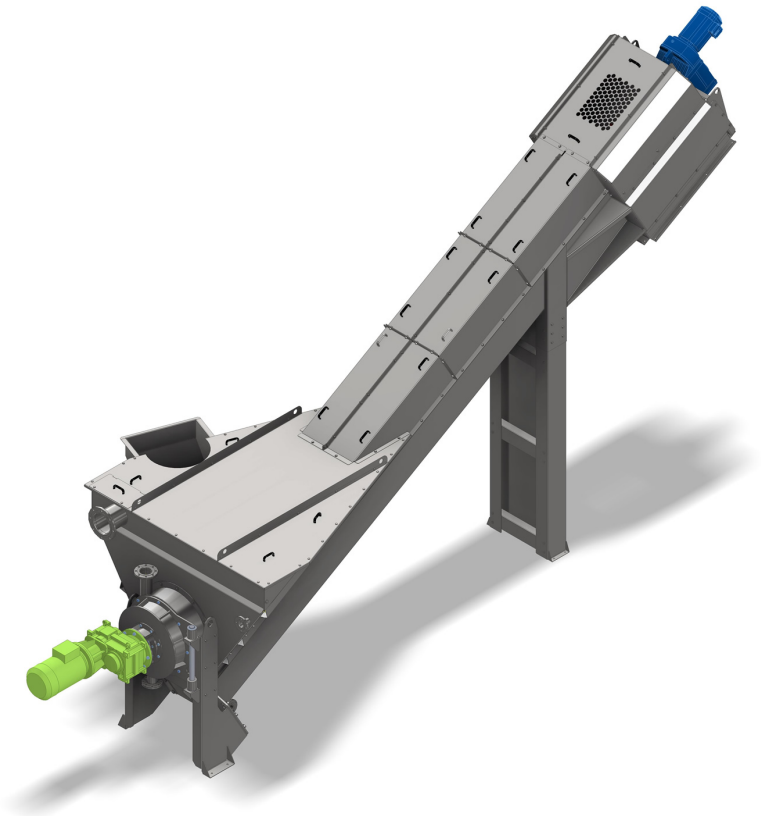
T-REX

Advanced Reject Separation of Pulping Residuals and Dumps



T-REX

Advanced Reject Separation of Pulping Residuals and Dumps

Technology

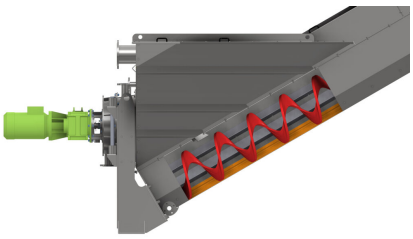
The TREX is designed to separate “Flush Water” from “coarse reject trash dumps” in discontinuous pulping process steps.
Many Pulper Installations are subject to advanced or changed operating conditions, which include overload and higher reject rates and so with the “De-Trashing- and Dup Cycles” increase in Volume and Sequence.
The TREX consists of a conical funnel tank which can receive large volume “Trash Dumps” from the top. On V-shaped inclined tank bottom a Conveying Spiral is installed, which conveys coarse rejects to the upper discharge point.
On the opposite side of the discharge point, in the vertical tank wall an active dewatering module with a circular screen plate is installed to discharge Flush Water arising from the Trash Dump. Additional flush /wash water can be added for efficient recovery / removal of residual fiber from the reject.
The screen plate is kept clean by a Rotor with edged wings to avoid screen hole plugging with reject and fibrous residuals, Flush Water draining is forced by the pump / suction effect of the rotor.
Different Rotor / Screen sizes and variable rotor speed secure best performance, collection tank design can be adapted to individual / existing Layouts.

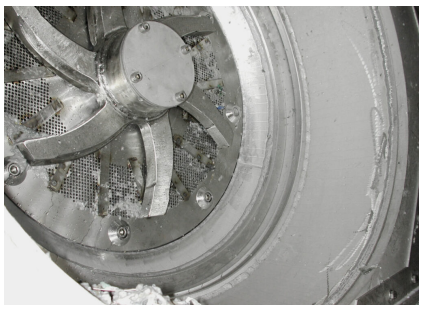
Features

- The T-REX holds large “coarse reject trash dump volumes” form discontinuous pulpers
- Only Equipment on the market which combines large trough volumes with active washing / dewatering for pulper coarse reject dumps
- The T-REX incorporates an active dewatering module (screen and rotor) for efficient removal of residual fiber and secure drainage of large Flush Water volumes arising from Pulper Trash dumps.
- Low inlet height and customized trough design allow positioning under existing pulpers

Why to buy

- Only Equipment on the market which combines large trough volumes with active washing / dewatering for pulper coarse reject dumps
- Unique Features for upgrading existing overloaded discontinuous pulpers to recover fibers and keep reject area clean
- Designed for large “Trash Discharge Volumes
- Reliable proven technology and easy Maintenance Typical & Proven Process Applications
- Dewatering and Pressing Lightweight Reject from Pulping



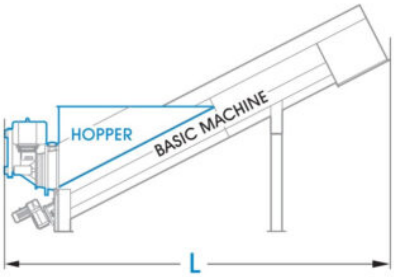


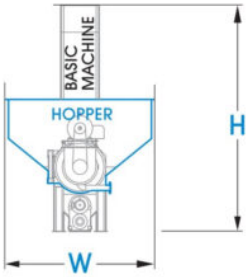
See the following Products as well

- Screenex TSX
- MBX Belt Conveyors and Container Stations
- COMPAX CFX-R and ECOMPAX ECX Rethe Simplified Version

The T-REX TSX is a valuable tool for coarse reject handling in waste paper recycling plants. The machine is designed to separate flush water from coarse
rejects in discontinuous pulping and detrashing equipment. The T-REX incorporates an active dewatering module for efficient removal of residual fiber and
water from rejected material. The T-REX can handle various types and sizes of
rejects particles such as plastic, bottles, stones, wet strength paper, metal,
wood, textiles etc

Specifications





TREX		
Length [mm]	L	8400
Width [mm]	W	3100
Height [mm]	H	4300
Hopper Volume [m^3]		7
Discharge Height [mm]		3500
Customized Hopper		available

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