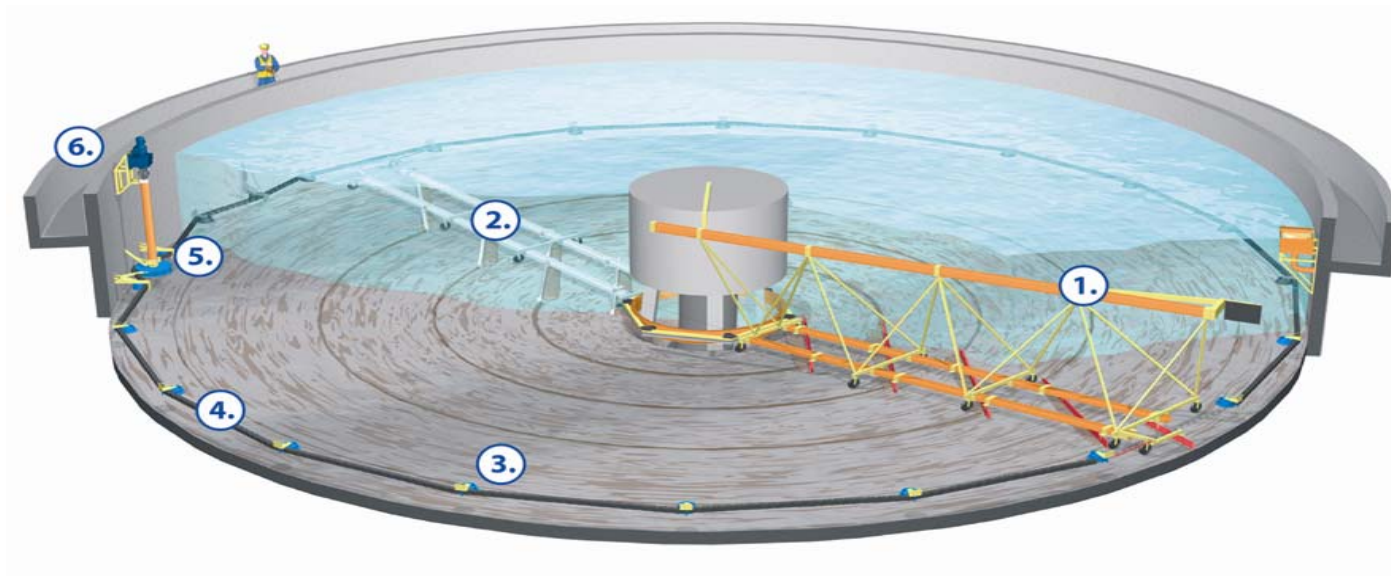




FINNCHAIN

Keeping up your process

Finnchain System for Circular tanks



1 – Surface skimmer

2 – Bottom scraper

3 – Idle wheel FC-W300

4 – Collector chain FC-HA178

5 – Drive wheel

6 – Drive unit



FINNCHAIN

Keeping up your process



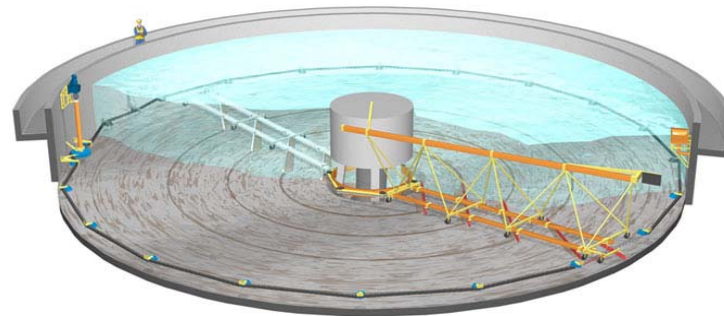
Advantages : TANK STRUCTURE & INSTALLATION

TANK STRUCTURE:

- Thinner tank walls
- No need for massive center inlet structure
- Tanks are easy to cover

INSTALLATION

- Power supply only to outer tank wall
- Light components – easy to handle





FINNCHAIN

Keeping up your process

DRIVE UNIT



- Integrated motor and gear box
- Standard motor 3-phase 380-415 V 50 Hz
- SEW-Eurodrive 0,18-0,55 kW
- Customized speed with inverter or specified gear box





FINNCHAIN

Keeping up your process

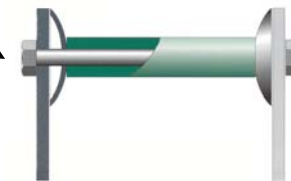
PATENTED FINNCHAIN DRIVE WHEEL

BETTER HOLD ON WHEEL:

- Guiding wheels
- Adjustable pitch drive wheel
 - Longer lifetime for chain and wheel

EASY MAINTENANCE

- Pulling pin -structure
 - Pulling pin is the only wearing part
 - Easy to replace





FINNCHAIN

Keeping up your process

IDLE WHEEL & SHAFT

- Toothless, does not wear the chain
- Easy and fast to install and replace
- Idler wheels are installed at a distance of 4 meters around the tank
- Type FC-W300 with chain supporting flange and vertical support



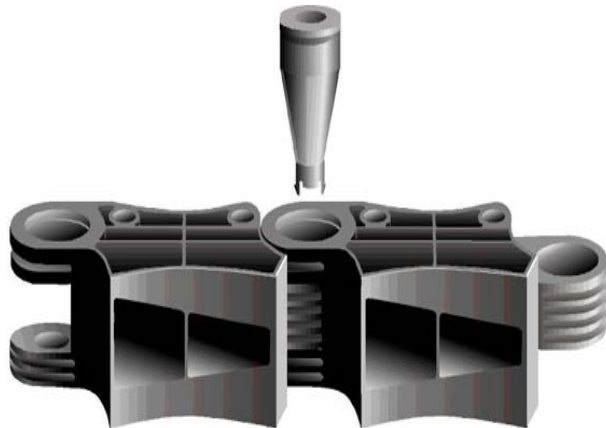


FINNCHAIN

Keeping up your process

COLLECTOR CHAIN

- Patented Conic pin chain
 - With patented conical pin there is 50% less need for tensioning force to keep the chain in line
 - Longer lifetime for chain





FINNCHAIN

Keeping up your process

BOTTOM SCRAPER

- At least two rake-type scrapers
- The angle of scraping flights can be adjusted
- Flight type FC-F300 hollow construction equipped with rubber blade
- The height of the flights located near sludge channel is 500 mm





FINNCHAIN

Keeping up your process

SURFACE SKIMMER

- Surface scum skimmer is supported by bottom scraper construction
- Flight type FC-220 hollow construction
- In tanks with lot of scum, we recommend to use 2 – 3 scum boxes





FINNCHAIN

Keeping up your process

REFERENCES

- Totally 40 systems installed
- Finland, Poland, Italy, Taiwan, China, South-Korea

KOTKA, Finland



LEPORG, Poland



CJ, South-Korea

