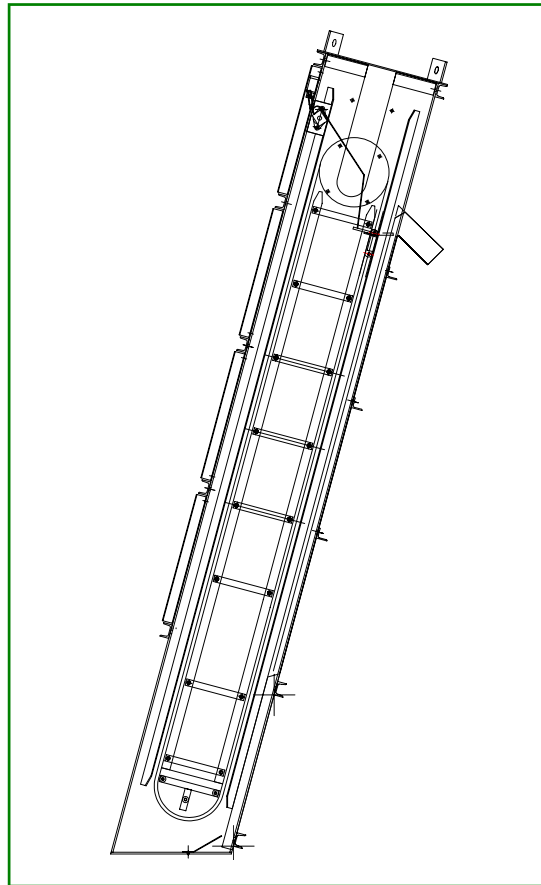


# Vertical Chain Type.

## Type EM32C



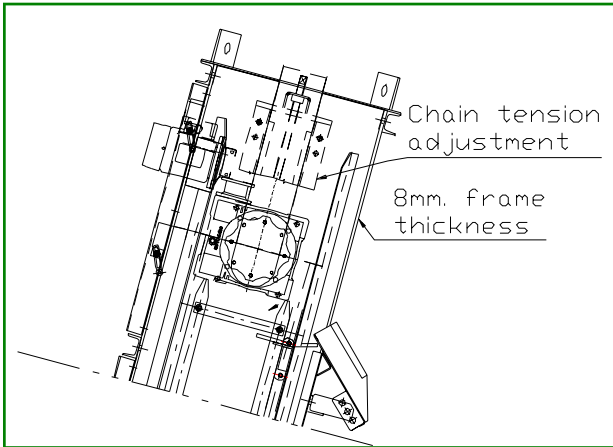
### **FEATURES**

- *Low-cost*
- *Suitable for small size channel*
  - *Low water level*

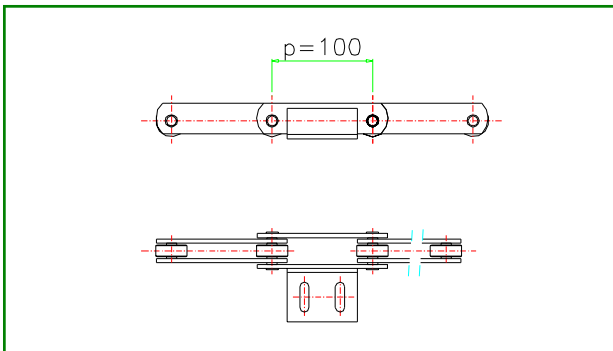
Channel width	mm	500÷1500
Channel height	mm	500÷1500
Discharge height	mm	300÷1500
Liquid depth	mm	300÷1000
Distance between the bars	mm	15÷30
Bars thickness	mm	8÷12
Rake speed	mt/min.	4
Rake max. pull strength	Kg.	50÷150
Installed power	Kw	0.75÷1.1

## **Main Characteristics**

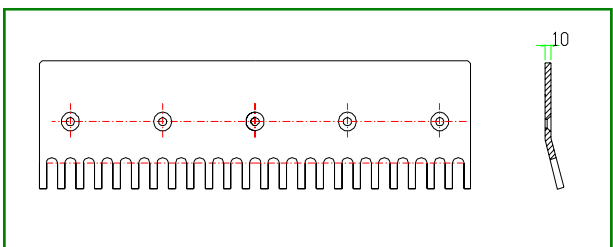
- Heavy duty frame and screen structure made of carbon steel or stainless steel AISI 304/316.
- Rake-holder chain ROLLER TYPE made of stainless steel AISI 304.
- Detachable rake directly attached to the chains by means of articulated cross-bars.
- Double worm gear type drive unit.
- Dynamometric cell torque limiter to stop the machine in case of jamming.
- Rake cleaning system with plastic movable scraper.
- Rake stop position above water level.
- No gear wheels below water level.
- No movable parts permanently below water level, a



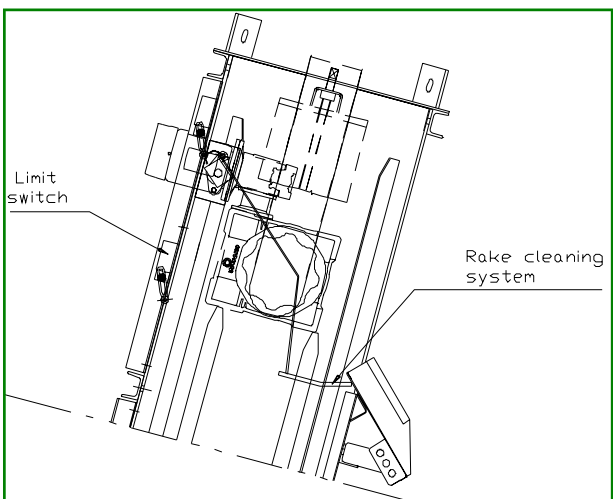
- High thickness frame: 8mm.
- Rake holding chain tension manually adjustable.



- Heavy duty rollers chain, with hollow pins.
- 100mm. Pitch.
- Dia. 31mm. Asymmetric rollers.

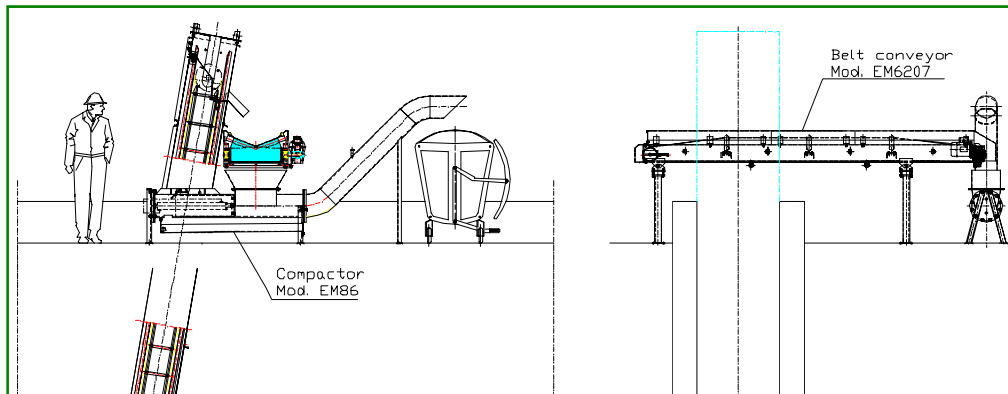


- High thickness rake: 10mm..

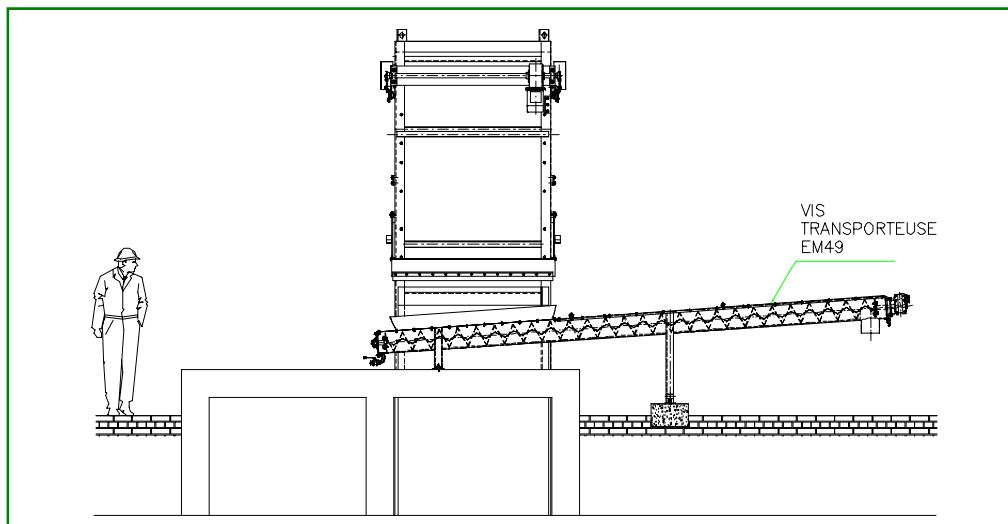


- Rake STOP position accomplished by a limit switch.
- The rake STOP position is always above water level.
- Rake cleaning system completely mechanical.

# Screening material transport and discharge



- PVC Belt conveyor EM62 with screw adjusted tension roller, directly connected worm gearbox, PVC V-group belt supporting rollers.
- Oil-pressure compactor EM86, 200 bars pressure,  $\varnothing 250/350$  mm. cylinder diameter, stainless steel



- Screw conveyor EM49, with or without central shaft, UHMW-PE wear surface, directly connected worm gearbox, carbon steel or stainless steel made.