

Scrapers

Improved technology for the removal of particles, fats and floating oils

The technology in circular scrapers had not advanced until today. The same type of bridge scraper was still manufactured **for the collection of sludge and floats** with the usual problems of corrosion and maintenance.

With the new models, **all the defects of the old models are corrected**. Although the function is the same, the design of the scraper completely changes the old ones. From a **traction system anchored** at the end of the decanter, and with a **carriage drag system**, the customer no longer observes a turning bridge, but two blades that self-level depending on the water level.



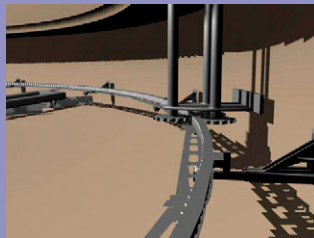
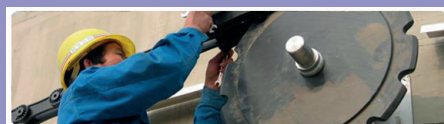
Evolution of the scraper:

Old models:

- Great corrosion.
- High maintenance costs.
- Serious problems of floating.
- Complications in concrete.

New models:

- With self-leveling blades without cover.
- Total coverage of the decanter to eliminate problems of bad odors and improve the image of the plant.
- Possibility of incorporating lamellar packages.



Main features:

- Long durability
- No corrosion
- No maintenance
- Total reliability
- Lower consumption
- Self-leveling blades
- Total elimination of floating

Technical data:

The **patented traction system** of the new models guarantees a total stability in the rotation of the race ring thanks to the **3 driving gears**.

The rolling ring slides over **self-adjusting support guides**.

Advantages of the New Circular Scraper



- **Corrosion is eliminated** because the scrapers are constructed of stainless steel and thermoplastic materials.
- **More effective system** for collecting floats, with self-leveling scrapers and diametral collection system.
- **The problems of civil works are eliminated**, eliminating the bridge and the problems of wear in the concrete, due to its weight and its rotation.
- **Lower maintenance and lower energy consumption.**
- Possibility of incorporation of lamellar packages for **future expansions of the plant.**
- It can be installed **in any existing decanter.**
- Made to **optimize transportation and installation.**

Classic Scraper



- They are the solution for the civil works of the purifiers, since it is **totally adjustable** to the possible imperfections.
- They are equipped with a central bridge and manufactured with stainless steel AISI-304 or AISI-316, which **ensures the absence of corrosion and greater durability.**
- Reducing motors are equipped with a **modified frequency to optimize** and adjust the characteristics of the equipment to the needs of the customer.
- The scraper blades can be **adjusted to the optimum angle** for correct operation.

- Constructed entirely in thermoplastic materials of **high mechanical strength** and stainless steel.
- Possibility to include lamellar for a future expansion of the facilities, which allows to **increase the efficiency and reduce costs.**
- **Ideal for refineries, water treatment plants and water purification plants.**
 - Available in 2, 3 and 4 axes, **adaptable to any rectangular raft.**
 - **Chain tensioning system** without empty of raft.
 - **Certified** to treat drinking water.

Rectangular Scraper

