

CLARIFYNG SCRAPER BRIDGES

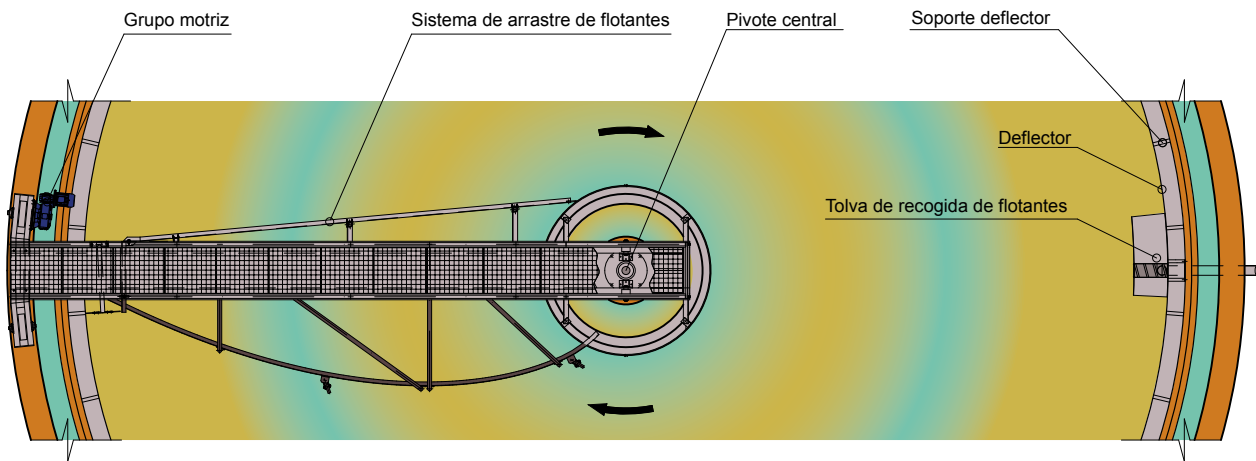
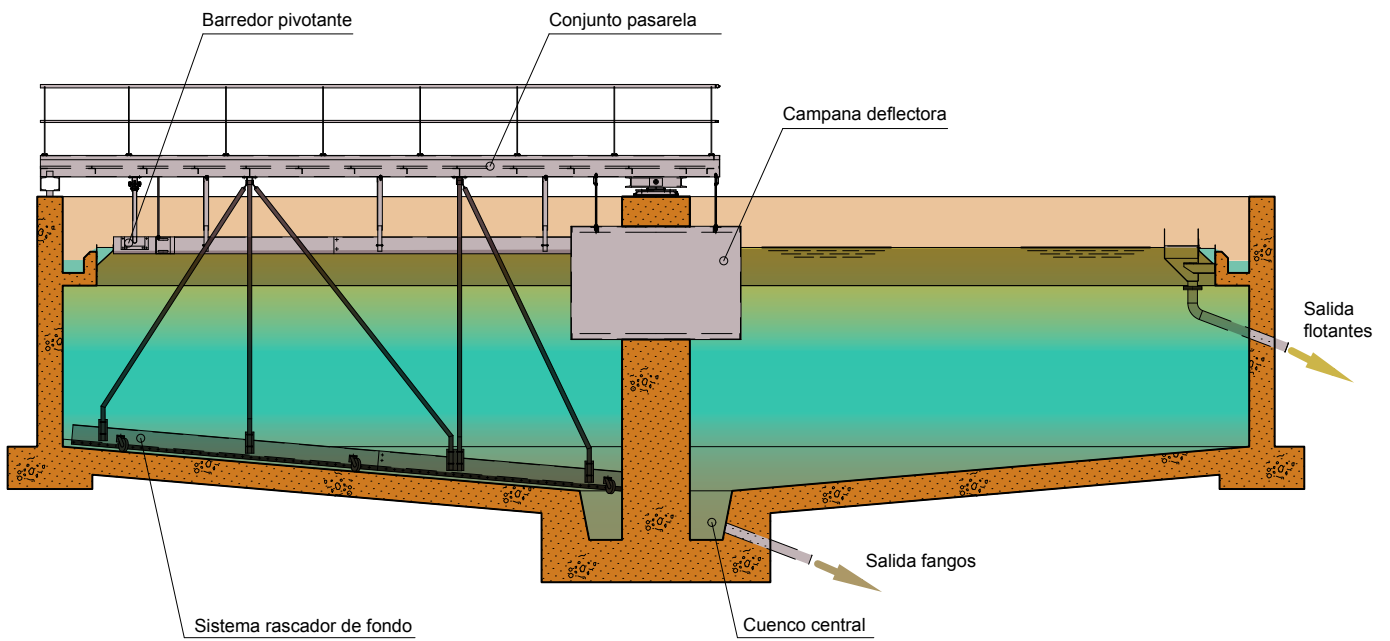
DECANTING BRIDGE - CIRCULAR ENCLOSURE Type: MR06

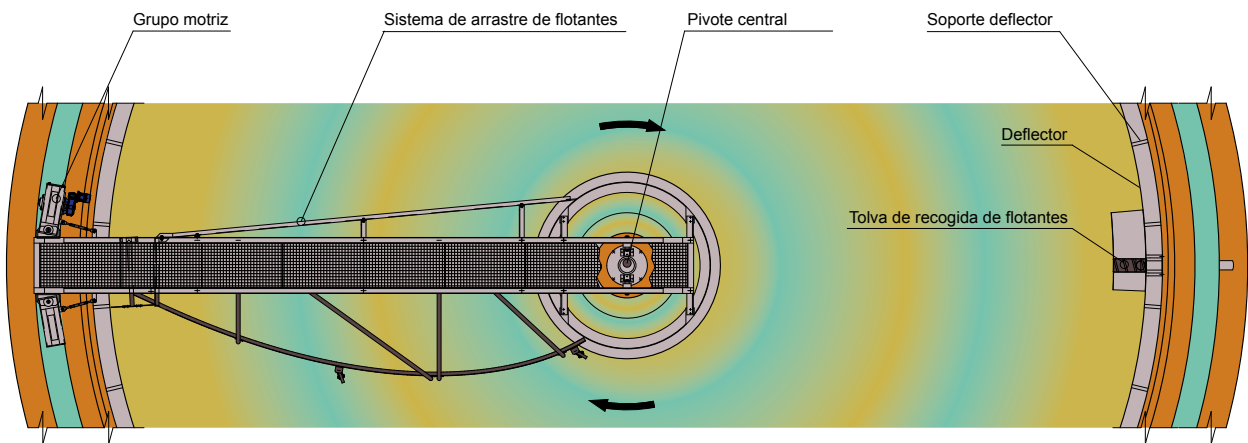
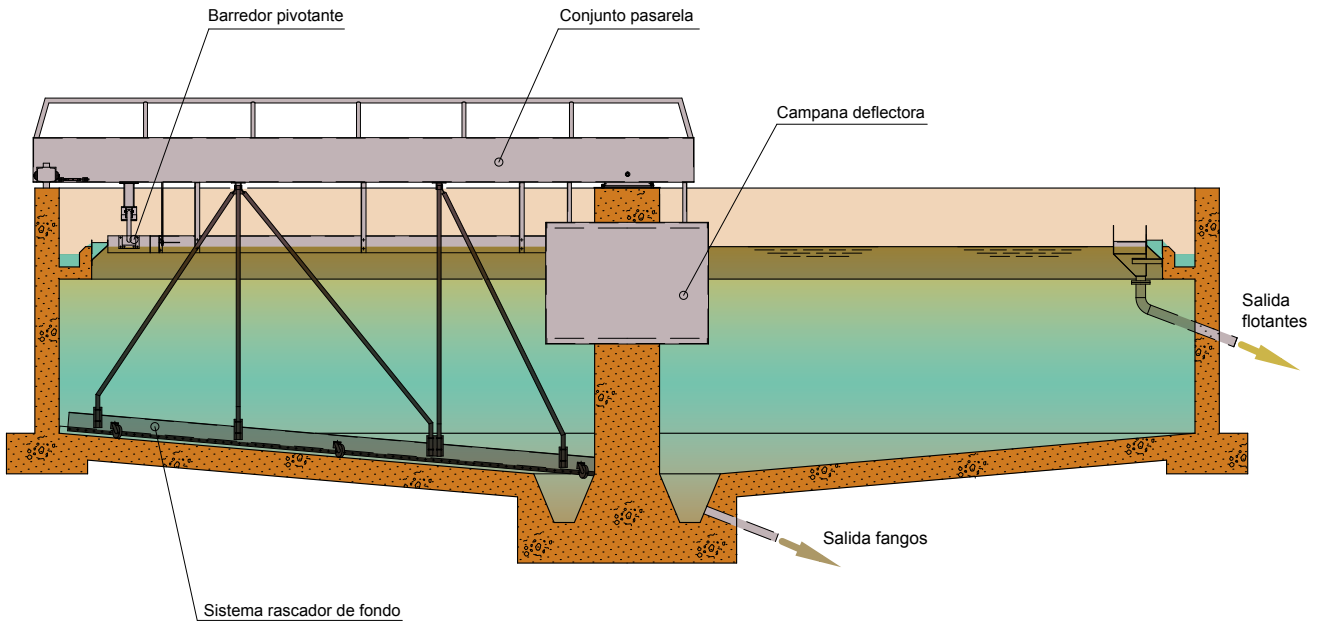
This equipment is designed for mechanical separation of solids and suspended particles, which are decanted due to their nature or with the help of a flocculant reagent, in the primary and secondary decanting processes of water treatment plants. Sludge is extracted with a slightly inclined slab and a spiral scraper (peripheral driven sludge scraper) that conducts it to the central basin.

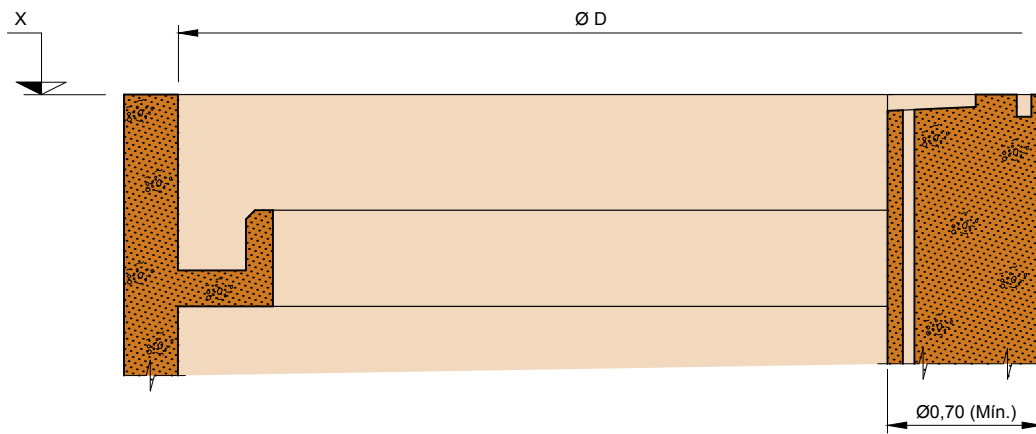
Descriptions and Features:

- **Walkway unit.** One end rests on the central pivot and the other one is connected to the motorised unit. Built with steel plate, drawer type and with stainless steel railway on both sides. Galvanised metal or GFRP lattice work for personnel access.
- **Motorised unit.** Located on one end of the walkway and consisting of a geared motor and two wheels, one powered, one guided with red-band wheels and supported by ball bearings.
- **Bottom scraper.** Consisting of the scraper and its hanging system. The scraper is a continuous spiral, built in steel plate and an adjustable elastomer profile that carries out the scraping. It moves on a wheel set. The entire system hangs from the walkway, from stabilising and tightening pipes. Storage and extraction occur in the central basin, located on the curb of the decanter.
- **Floating substances dragging system.** Consisting of the surface sweeping scraper, with a special design to move the floating substances to the outer end, where a pivoting arm introduces them inside the collection hopper.
- **Floating substances collection hopper.** Installed on the outer end of the enclosure and directly anchored to the foundation work. It can be manufactured in two versions, overwater (standardised) or underwater.
- **Central pivoting support.** This articulated unit allows circular movement of the walkway. The unit rests on one end of the walkway and, thanks to a large diameter bearing, supports any stress resulting from irregularities of the terrain. It has an integrated contact ring collector for the electrical supply of the motor.
- **Central deflector.** Welded in steel plate. Its purpose is to slow down water inflow to the decanter, resulting in even distribution throughout the entire enclosure.

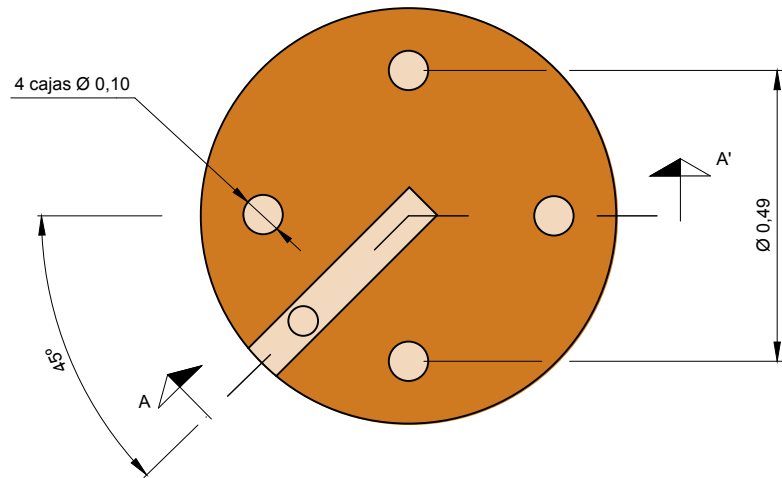
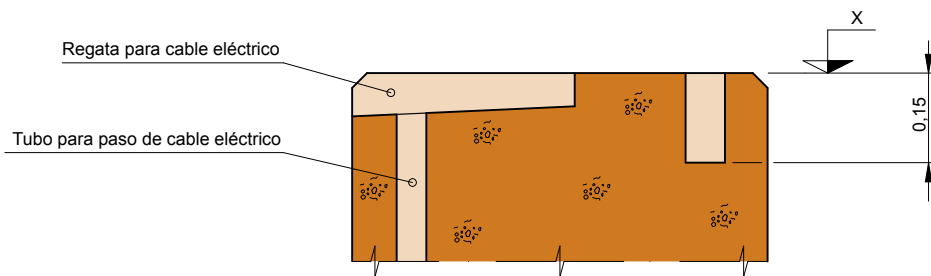


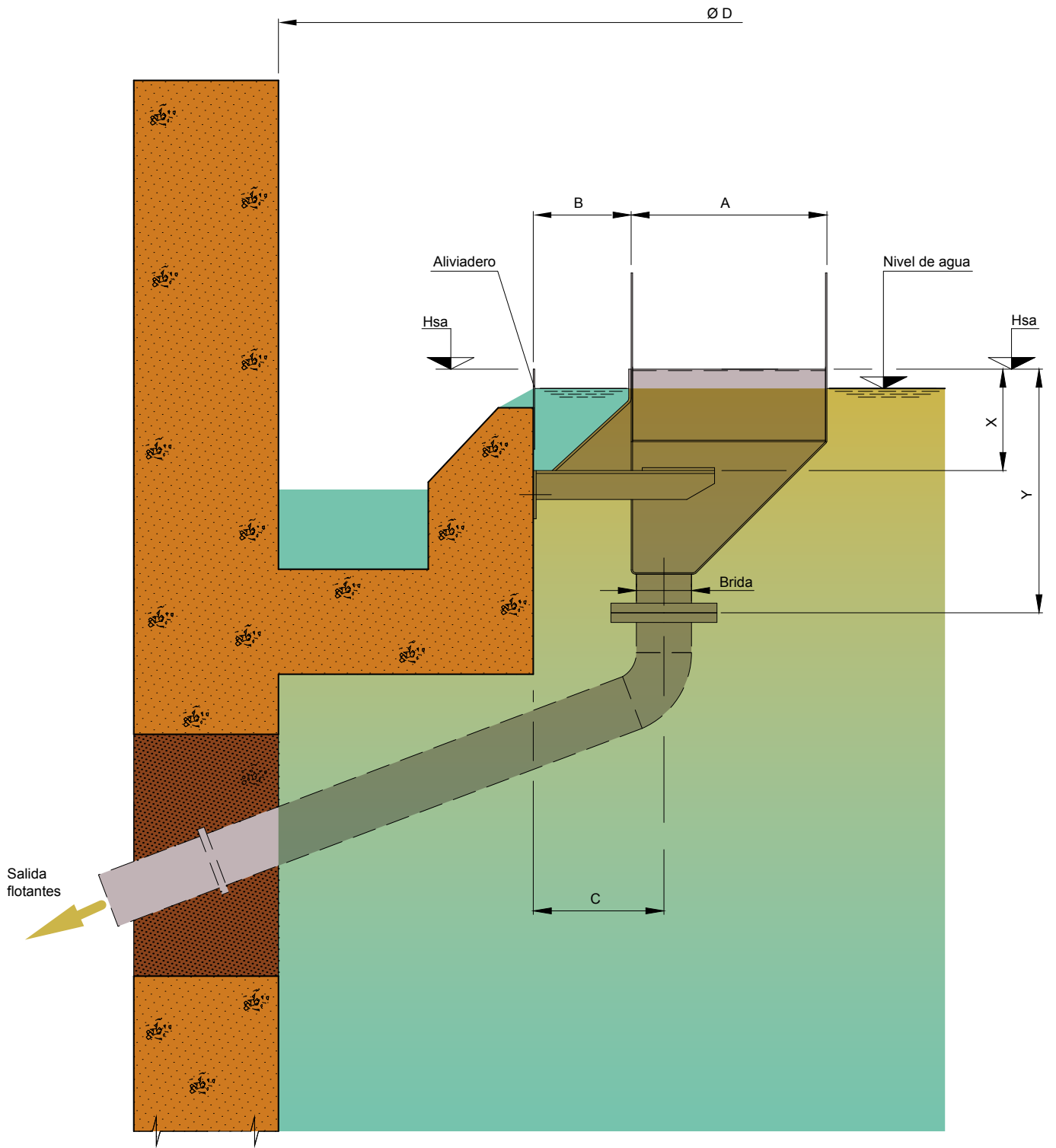






SECCION "A-A"





Decantador Ø D	A	B	C	X	Y	Brida
	0,40	0,20	0,27	0,21	0,50	Ø 4"
	0,80	0,20	0,30	0,21	0,59	Ø 6"

Cotas en metros

