

Circular primary clarifiers are introduced to remove organic matter ahead of a biological treatment stage aiming to reduce organic loading and power consumption. Circular Clarifier Bridge is a unit that facilitates the collection and removal of primary sludge and scum from the influent. Raw wastewater is introduced into the center of the clarifier and flows through the central baffle towards the clarifier bottom. Solids are allowed to settle due to the low rising speed of the wastewater to the clarifier surface. Settled sludge is conveyed to the bottom center of the clarifier by the action of the scrapers that are attached on to the rotating bridge. Surface scum is also collected with the use of a surface scraper that is attached onto the rotating bridge and collected into a scum box. Both primary sludge and scum are conveyed to the sludge treatment facilities. Purified effluent overflows through a peripheral weir to the successive treatment stage.

PRIMARY CIRCULAR CLARIFIERS BRIDGE



Disclaimer: The information contained on this data sheet is intended for general information only and should not be considered to be complete or definitive. S.K. Euromarket Ltd reserves the right to make changes at any time, without notice, to any element of the equipment presented.

AREAS OF APPLICATION

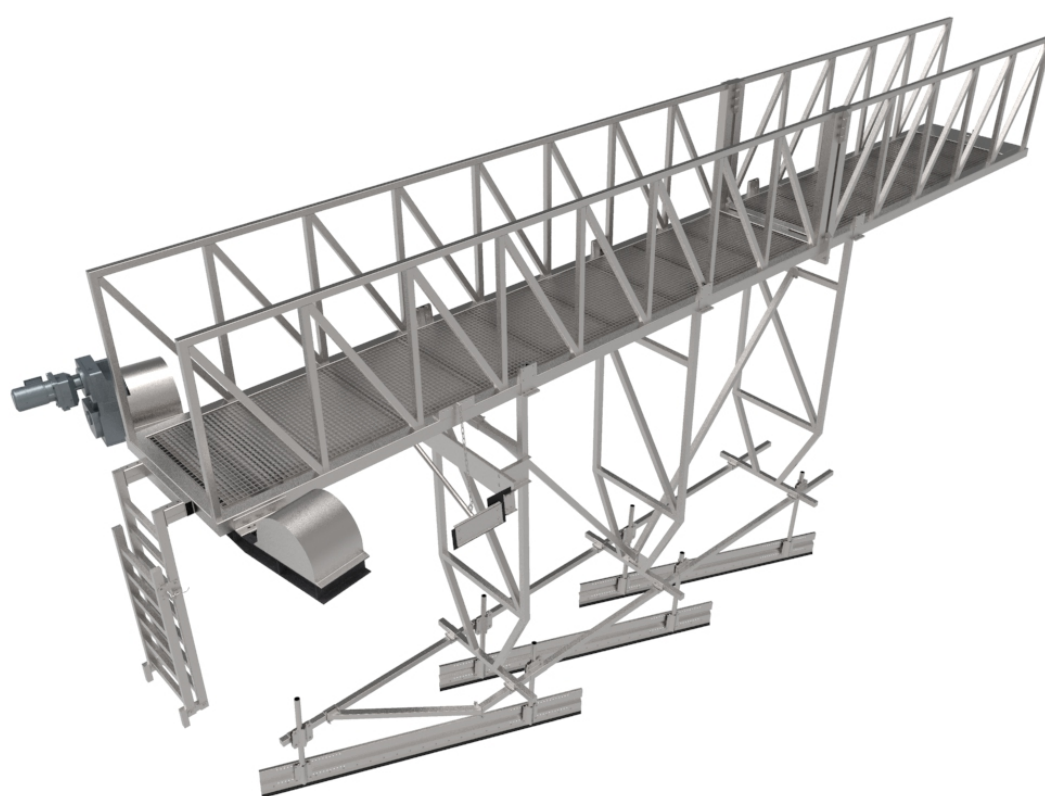
- Water Treatment Plants
- Sewage Treatment Plants
- Industrial Wastewater Treatment Plants

KEY FEATURES

- Robust Construction
- Tailor made design to concrete tank dimensions
- All wetted parts in AISI304 or AISI316
- Adjustable Rotational Speed
- Adjustable bottom and scum scrapers
- Complete with overflow weirs and baffles
- Electronic or mechanical torque protection
- Various Sizes Available

TECHNICAL INFORMATION

CLARIFIER DIAMETERS	6.0 - 30.0 m, other on request
CLARIFIER DEPTH	Variable
ROTATIONAL SPEED CONTROL	Variable electronic (optional)
CONSTRUCTION MATERIAL BRIDGE	Galvanized or Epoxy Coated Steel, AISI304 or AISI316
CONSTRUCTION MATERIAL WETTED PARTS	Stainless steel AISI304 or AISI316



For further details please request the technical specifications and drawings

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