



CLARIFICATION TANK EQUIPMENT

+ LÄNGS.PLUS TRAVELING SCRAPERS

Clarification is an essential step in water and wastewater treatment processes. The aim of the clarification is to remove suspended solids by gravity settling and providing a clarified effluent. Determining the appropriate clarification technology and selecting the proper equipment to fit this technology is highly important to obtain high-efficient results. Selected equipment have an important duty to remove the sediment and floating matter which accumulate as a result of solids separation.

LÄNGS.PLUS (LNS+) Traveling Scrapers are especially developed for longitudinal clarification tanks, serving for single or multiple side by side rectangular sedimentation tanks. Sludge removal systems are connected to the traveling bridge.

LNS+ Scrapers are available in different type of sludge removal systems:

- + Blade Type: Sludge blades push the settled sludge to the sludge removal pit which is at one end of the tank.
- + Suction Type: Settled sludge is drawn by suction pipes directly from the bottom of the tank.

LNS+ Scrapers for can also be equipped with blade type scum removal systems which collects the floating scum to the collection channel located at one end of the tank.

