



PLASTIC CHAIN OPERATION

Plastic chain operation is effective in all types of sedimentation basins with outdated operations or worn roller chain operations.

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The most common maintenance on a chain scraper is tensioning of the drive chains. On older chain scrapers, the driveline consists in most cases of a roller chain that requires lubrication with oil or grease in the wall box. This oil often leaks into the basin and results in insufficient lubrication of the drive chain. Oil leakage also contaminates the process, which in turn impairs the treatment results at the treatment plant. Poor lubrication accelerates wear and shortens the service life of the driveline, which fails in the worst cases.

With plastic chain operation from Hydria Water, you combine the best of both worlds. In other words, you simplify maintenance and improve the environment at the same time.

FUNCTIONS

- No oil leakage.
- Fewer spare parts.
- Slimmed-down design that frees up space and creates accessibility.
- Lower electricity consumption.
- Process water lubricates the drive chain.
- The basins are isolated from each other (in the case of double basins).
- Longer service life.
- Maintenance can be performed without the need to dismantle the drive shaft.

SPECIFICATIONS

Drive unit	SEW/Nord
Material	EN 1.4301, EN 1.4404