



and more!



reclaiming



washing



developing



coating



Prep 100

Automatic Industrial Waste Water Treatment Plant



The PREP is designed with the following criteria:

- ✓ elimination performance in accordance with legal requirements
- ✓ economical in relation to investment and operation
- ✓ automatic operation principle
- ✓ low maintenance



clean solutions!





and more!



reclaiming



washing



developing



coating



Prep 100

Automatic Industrial Waste Water Treatment Plant

Process description

The waste water is channelled to a buffer holding tank, in this tank differently charged waste waters are equalized and held.

The equalized waste water, which contains all dissolved and emulsified hydrocarbons, are pumped into the treatment reactor of the Flockulation-Plant (if sufficient waste water is in the buffer tank).

After this the oil emulsion (noxious matters) has been hydro dynamically mixed and broken in the reactor with the splitting agent, in the treated water the micro-flocks are formed to macro-flocks.

The sludge/water mixture is separated with a belt filter and the waste water is treated in accordance with legal requirements, this then flows into the drain. The thin sludge is separated from the water by the belt filter and carried into a sludge container.

Options / Accessories

- ✓ alternate voltage than standard 3 x 400V + N + PE
- ✓ membrane pump this execution is required for waste water with abrasive ingredients (glass printing inks, pastes, etc)
- ✓ special device for drain-bag-system for pre-drying the sludge

Zentner Systems GmbH
Dieselstraße 16
D-32791 Lage
Fon: +49 52 32/6 99 90-0
Fax: +49 52 32/6 99 90-20
www.zentner-systems.de
info@zentner-systems.de