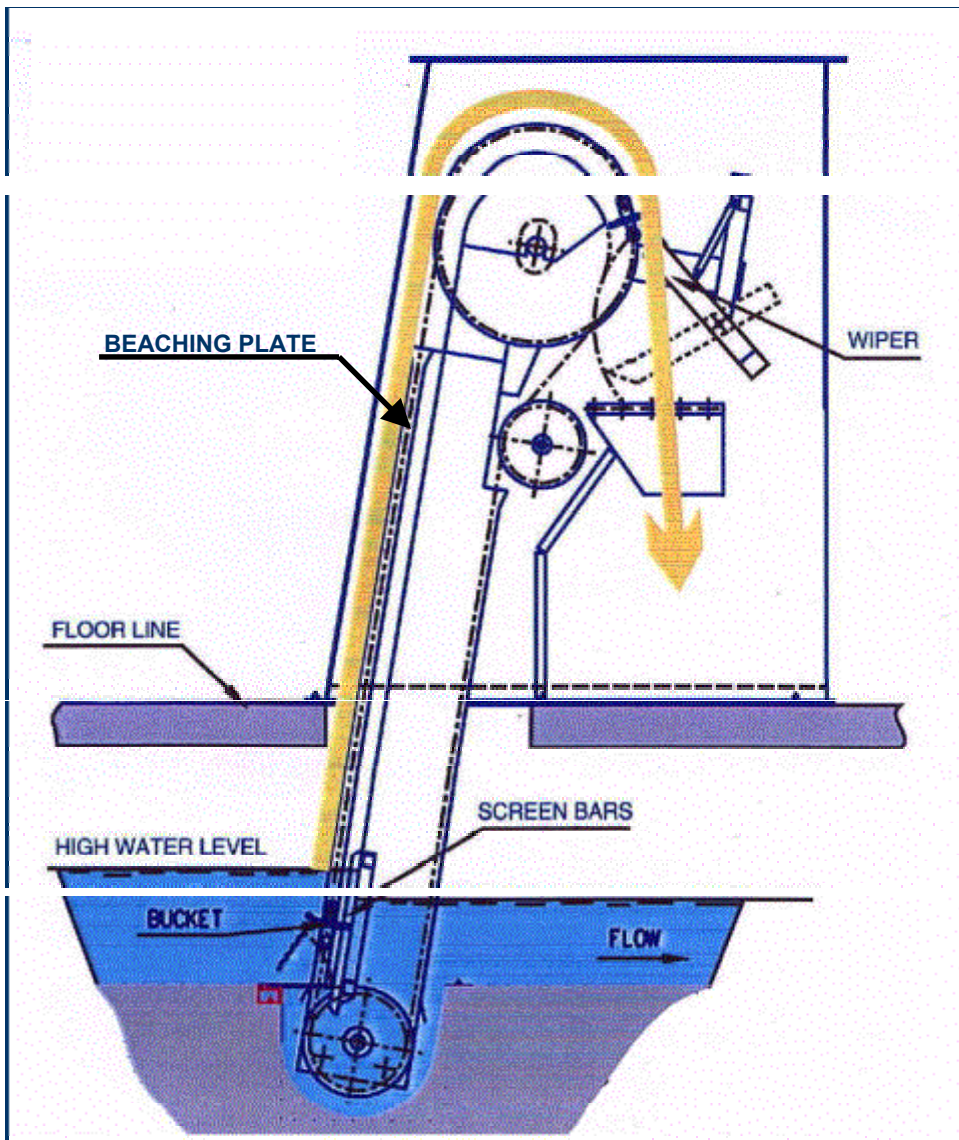


PRO-GUARD

CHAIN RAKE BAR SCREEN

The PRO-Equipment Double Chain-Operated Bar Screen (model GT-CR) is designed for screening rough materials from wastewater. This screen includes side frames, a beaching plate, a bar rack positioned in the middle of two driven chains, chain driven rakes, a rake wiper, a drive unit, and an electrical control box.

The screen is designed and manufactured to withstand maximum hydraulic forces from the liquid to be screened. All structural and functional parts are sized to prevent deflection or vibration which may impair the continuous screening and raking operation. All bearings and sliding surfaces are lubricated and protected for maximum life. The screen extends from the bottom of the flow channel upward to the beaching plate. The beaching plate is installed above and in continuation of the screen bars. The plate is securely attached to the frame and reinforced to maintain a flat surface. When the rake has



elevated the screenings to the top of the beaching plate, the wiper assembly is activated. The wiper assembly is typically controlled by air cylinders. The drive unit is positioned at the top of the unit.

Operating cycles are automatically controlled by a timing device or by head loss across the screen using a differential pressure switch or other water level detector. Manual operation is also an option.



Unit with odor control enclosure