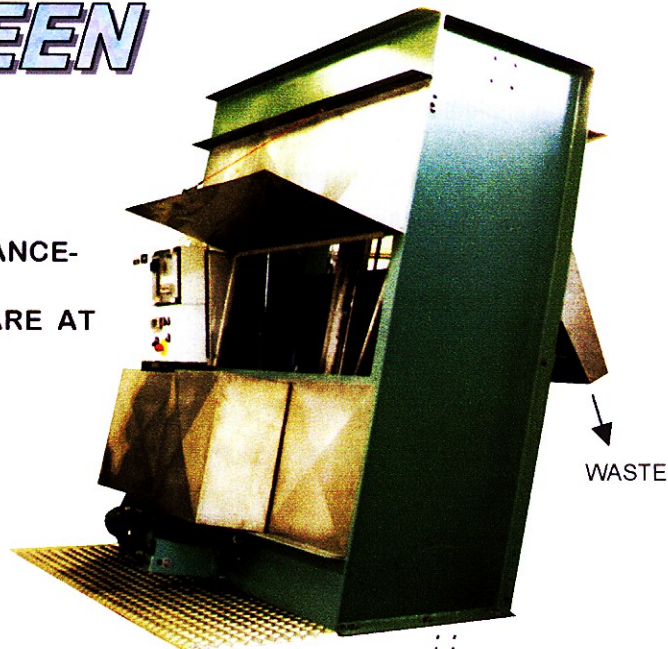


# EQUIPMENT FOR WASTEWATER PLANT

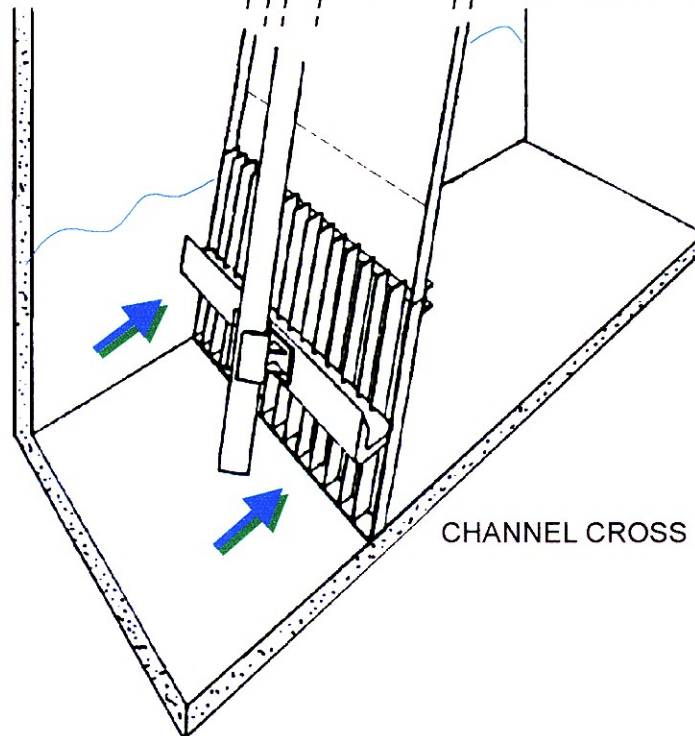
## BARSCREEN

TYPE **BS**

- NO NEED FOR MAINTENANCE-PLATFORM
- ALL SERVICING POINTS ARE AT FLOOR-LEVEL

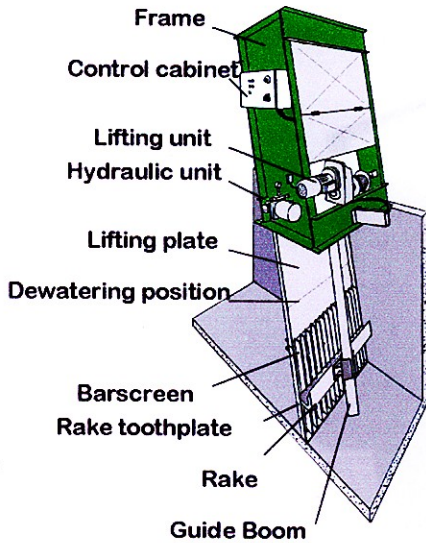


- FOR FLOWS UP TO .....  $5 \text{ m}^3/\text{s}$
- SLOT OPENING .....  $5 \dots 30 \text{ mm}$
- FOR CHANNEL WIDTHS BETWEEN .....  $600 \dots 3000 \text{ mm}$
- FOR CHANNEL DEPTHS TO .....  $12\,000 \text{ mm}$
- ALL SUBMERGED PARTS ..... **SS2333 OR SS2343**



CHANNEL CROSS PROFILE

# SOME REASONS FOR INVESTING IN COARSE BAR SCREEN



## •TECHNICAL SPECIFICATION

- FRAME, STIFFENED PLATECONSTRUCTION
- CONTROL CABINET INCLUDED WITH AUTOMATIC-, MANUAL- AND DAMMINGFUNCTIONS
- HELICALLY GEARED BRAKEMOTORS 1.5, 2.2 , 3.0 KW OR TWO SPEED BRAKEMOTOR (2.2/3.0 OR 4.7/6.0 KW)
- HYDRAULIC POWER UNIT 0.55KW
- THE RAKE PRESSURE IS ADJUSTABLE TO MAX.8000N
- RAKE TOOTHPLATE REPLACEABLE, MADE OF STAINLESS STEEL, BRASS OR PLASTIC
- OVERLOAD GUARD AND WIRE-BRAKE GUARD AS STANDARD
- ADJUSTABLE LIMITS WITNES FOR THE HIGH-, LOW-, OUT- AND DEWATERING POSITION OF THE RAKE
- THE RAKING DEPTH CAN BE ADJUSTED EASILY
- AS ADDITIONAL EQUIPMENT SURFACE-OR SURFACE-DIFFERENCE-LEVELGUARD

## •OPERATION

1. A MANUAL, DAMMING OR AUTOMATICAL STARTING IMPULS STARTS A RAKE
2. THE RAKE STARTS TO GO UPWARDS DRIVEN BY THE DRIVEUNIT AT THE DEWATERING POSITION
3. AT THE UP-POSITION THE SCRAPER PUSHES THE SCREENINGS UP ON THE DISCHARGEPLATE
4. THE RAKE STARTS ITS DOWNWARD MOVEMENT TO THE BOTTOM OF THE CHANNEL DRIVEN BY THE DRIVEUNIT
5. THE HYDRAULIC-UNIT PRESSES THE RAKE AGAINST THE SCREEN
6. AFTER A MOMENT THE RAKE STARTS UPWARDS UNDER WATER, SCRAPING OFF SCREENINGS FROM THE SCREEN, STOPPING AT THE DEWATERINGPOSITION UNTIL THE NEXT STARTING IMPULS IS RECEIVED

## •INSTALLATION

- THE CHANNEL DOES NOT NEED TO BE SPECIALLY PREPARED FOR THE BARSCREEN
- THE BARSCREEN FRAME FASTENED WITH EXPANSION BOLTS
- THE BARSCREEN LIFTINGPLATE IS FASTENED WITH EXPANSION BOLTS TO THE CHANNELWALL

•ON THE FORM BELOW YOU CAN FILL IN THE DIMENSIONS OF YOUR PLANT AND WHEN NECESSARY SEND IT TO US

SCREEN WIDTH \_\_\_\_\_ mm  
 DISCHARGE HEIGHT \_\_\_\_\_ mm  
 CANNEL DEPTH \_\_\_\_\_ mm  
 BAR LENGTH \_\_\_\_\_ mm  
 FREE SLOT OPENING \_\_\_\_\_ mm  
 FLOW CAPACITY \_\_\_\_\_ l/s

