

IB & B SERVICE

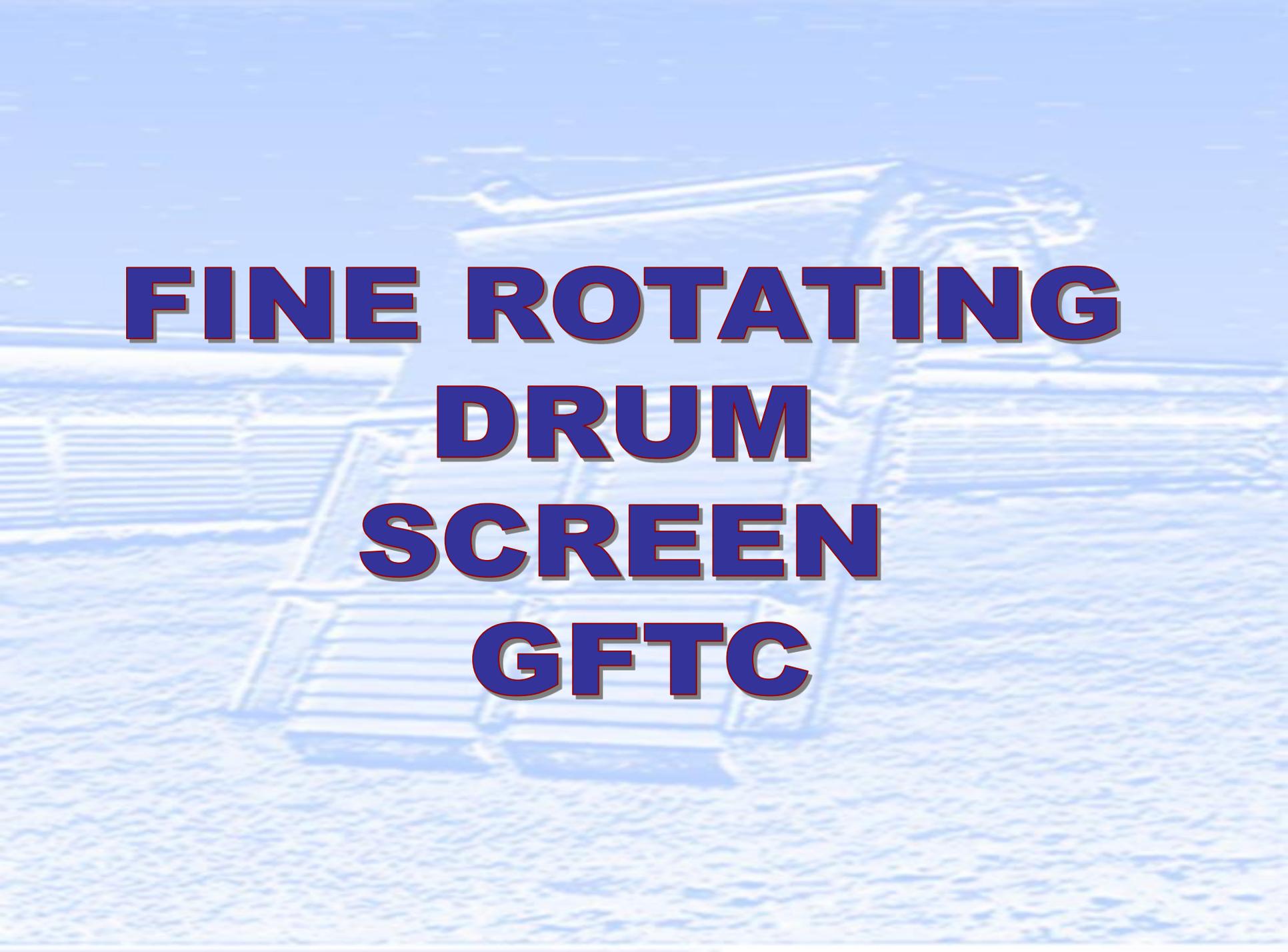
TECHNICAL EQUIPMENTS FOR WASTE WATER TREATMENT PLANTS



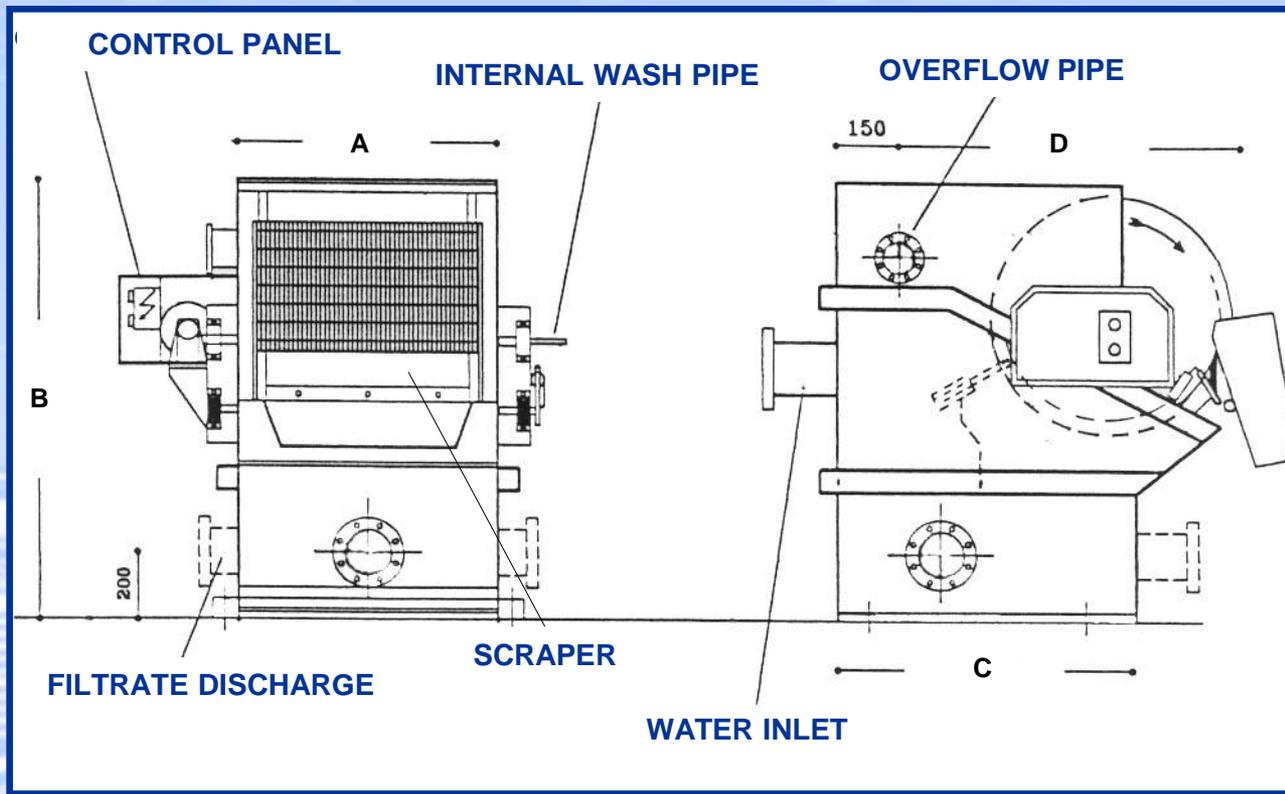
SOA



N°SC 13-3326
SISTEMA CERTIFICATO
UNI EN ISO9001:2008



**FINE ROTATING
DRUM
SCREEN
GFTC**



The rotating drum fine screen GFTC is used for the separation of solids from the municipal and industrial waste water.

MODEL	DIMENSION (mm)			
	A	B	C	D
GFTC 400	500	1300	1000	1050
GFTC 600	700	1300	1000	1050
GFTC 1000	1100	1600	1400	1400

General description :

It consists of a frame in AISI 304 inside which there is a rotating drum with longitudinal profiles on which is wound in a helical profile of trapezoidal shape with a spacing free variable from 0.25 to 3 mm.

The incoming water is conveyed by a special distributor, built in AISI 304, to the filtering drum where separation between solid and liquid takes place;

the incoming water passes from the outside to inside; the separated material remains on the outer surface of the drum and is eliminated thanks to a wiper blade.

From the inside of the drum the water is discharged passing again through the screen in order to be filtrated a second time. The particles are removed from the drum by the washing system.

The screen GFTC is equipped with gearbox coupled to one end of the drum and with an internal washing system with nozzles to ensure the perfect cleaning of the screen cage.

Construction:

- Frame: structure, flow distributor and tank in stainless steel AISI 304
- Filtering drum: trapezoidal stainless steel profiles with opening from 0,25 to 3 mm
- Drum scraper: brass
- Lateral seals: special rubber
- Gear box: oil bath gears
- Wash system: stainless steel nozzles

Applications:

- municipal waste water
- Industrial waste water

MODEL	FLOW RATE IN Mc/h VS SCREEN OPENING					
	0,25	0,75	1,00	1,5	2,00	3,00
GFTC 400	40	70	96	110	125	150
GFTC 600	60	100	120	160	180	220
GFTC 1000	100	140	160	230	280	360



GFTC

GFTC

