

Reference.: CONCENTRATIVE SKIMER

Series.: CD-015

E.M.22

ESTRUGUA

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Specially designed for the elimination of oil and scum in the surface of water.

Such treatment is recommended and sometimes, it imposes to numerous artisan businesses, restaurants, communities, etc. Normalized oil separators are built (or oil boxes), for flows from 20 to 30 lt/sec. This is also suitable for fecal treatments (WWTP)

These equipments are calculated for a retention time of 3 to 5 minutes and an ascension speed of 15 m/hr approximately.

It is indispensable to perform a cleanup regularly. Water temperature must be lower than 30 °C at the exit of the tank.

These equipments are conceived so that heavy matters sedimentation is avoided, as possible. However, a deposit of easy cleaning, for sedimentation of the thicker matters, can be placed at the entry, with a retention time of about 1 to 3 minutes.

Description and characteristics:

Frame.- Mono block type, built in stainless steel (or carbon steel) profiles constituted by two lateral structures, which support the transfer elements. Transversal beams complete the structure.

Connected to it, vertical supports are incorporated, which support and fasten the guide skates of the conductive chain of the scum sweeping blades. Built in stainless steel.

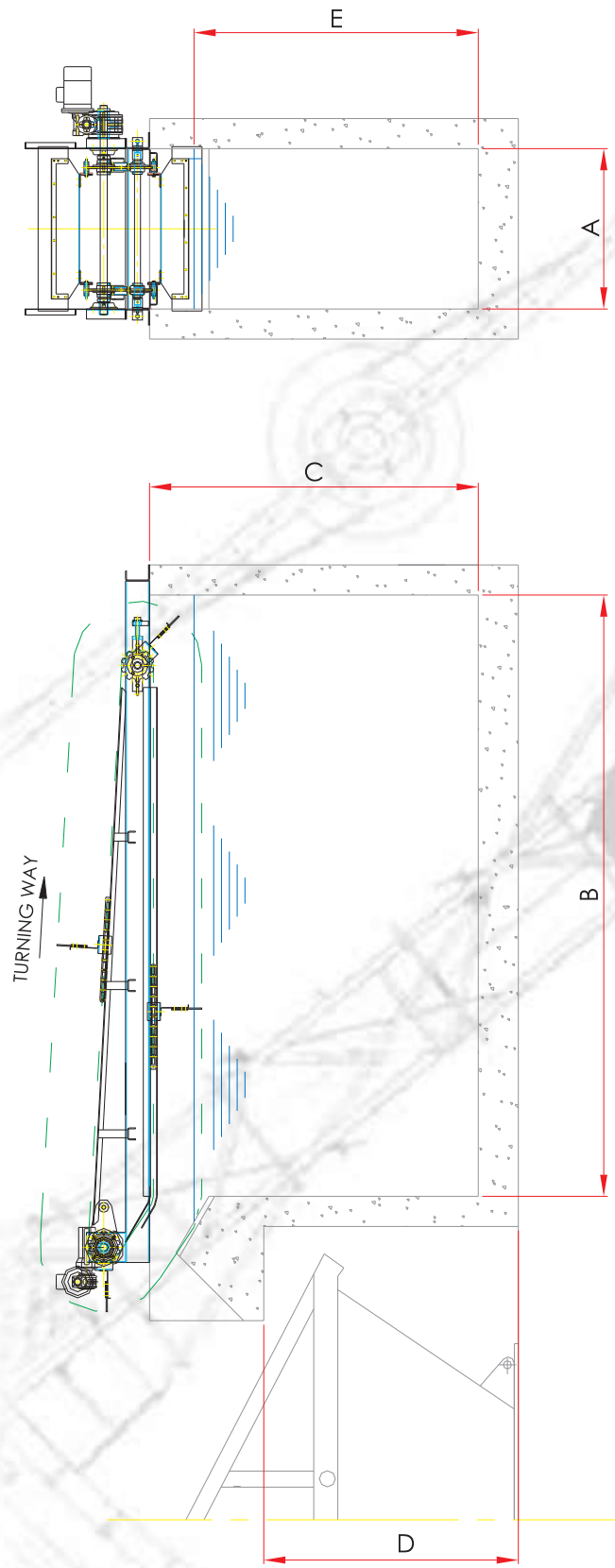
Cleaning blade.- nylon brush, assembled over a metallic profile, which is supported by two articulated arms. Built in stainless steel.

Discharge ramp.- of robust construction, and of easy anchorage to the concrete, it has incorporated reinforces at the back of it, in order to guarantee a correct scum evacuation . Built in stainless steel.

Chain and drive pinions.- cardan joint type, of anti oxidant construction and great load capacity.

Motive equipment.- constituted by an engine drive group. A motive axis powers a group of pinions, which gear with the lateral transporting chains, where the blades are hold.

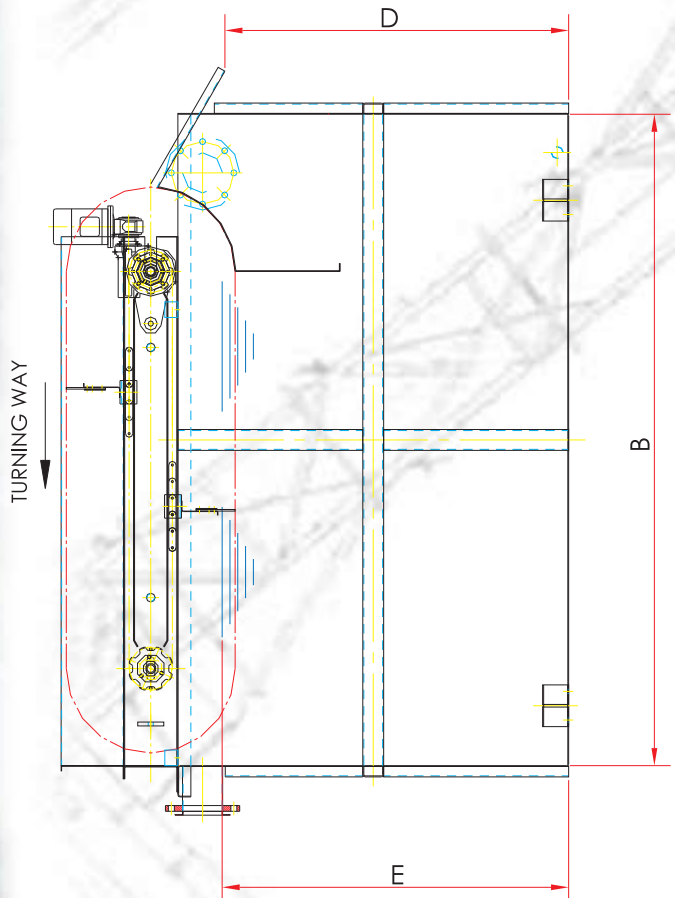
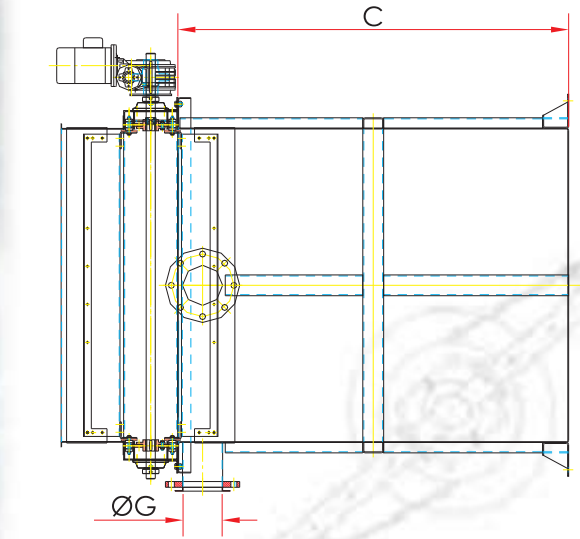
Superficial scrapers.- Scrapers built in stainless steel plate, in which adjustable neoprene profiles are assembled, for a perfect adaptation to the tank laterals and to the drop off ramp.



MAIN CHARACTERISTICS

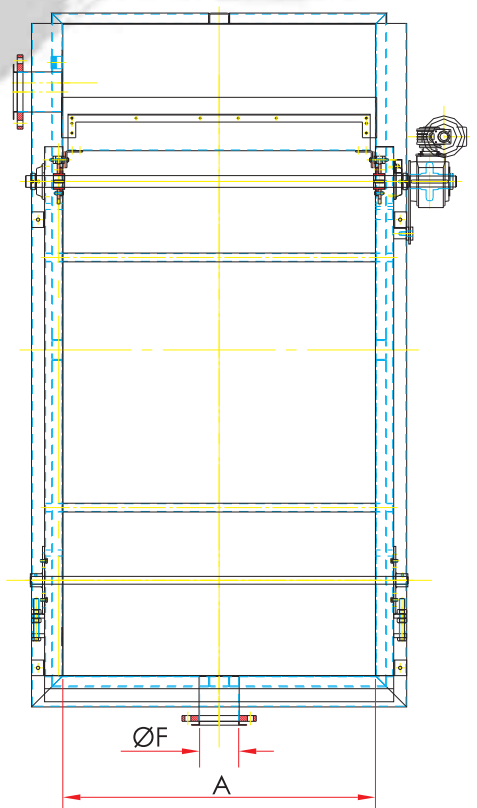
A	civil work tank width
B	civil work tank length
C	civil work tank high
D	discharger high
E	water level

*Equipment provided with lateral protection doors and at the back according to CEE machines law.



MAIN CHARACTERISTICS

A	compact tank width
B	compact tank length
C	compact tank high
D	discharge high
E	water level
F	entry flange diameter
G	exit flange diameter



*Equipment provided with protection doors according to CEE machines law.

TECHNICAL DETAILS

MODEL	FLOW (m ³ /h)	*ENTRANCE FLANGE (mm)	*EXIT FLANGE (mm)	*OVERFLOW FLANGE (mm)	TANK MEASURES			DISCHARGER HIGH (Kg)	ENGINE POWER (Kw)
					WIDE (mm)	HIGH (mm)	LENGTH (mm)		
Cd-015.c	12	100	125	PN-10	600	1300	1400	1350	0.18
Cd-015.c.1	15	100	125	PN-10	700	1300	1400	1350	0.18
Cd-015.c.2	20	100	125	PN-10	900	1300	1600	1350	0.25
Cd-015.c.3	25	100	125	PN-10	1200	1300	1600	1350	0.25
Cd-015.c.4	30	100	125	PN-10	1200	1300	2000	1350	0.25
Cd-015.c.5	40	150	175	PN-10	1500	1300	2000	1350	0.25
Cd-015.c.6	50	150	175	PN-10	1600	1300	3000	1350	0.37
Cd-015.c.7	60	150	175	PN-10	2000	1300	3000	1350	0.37

Variable according to clients request.

- Valid table for barrel equipments.

- Standard flows and dimensions, for other flows or dimensions ask to the manufacturer.

- Equipment provided with protection doors according to CEE machines law.