APPLICATION

The agitated flocculant tank is intended to agitate all types of liquid during flocculation processes. The agitation unit is half the tank diameter. It consists of an impeller welded or attached in three sections to the shaft, which is connected to the gear motor by a socket. A mounting plate is fitted over the tank for optimum agitation through the centre of the tank. Anti-vortex paddles are fitted to prevent vortex formation due to the cylindrical shape of the tanks.
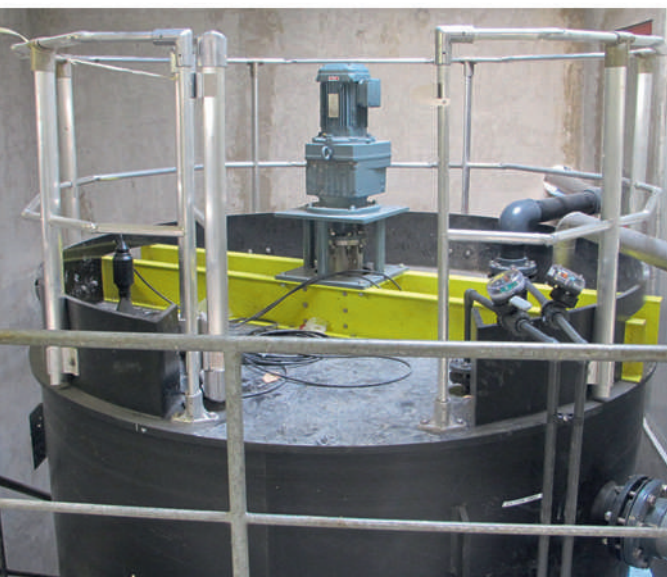
The tanks can be tailored to customer requirements, and are available in a variety of sizes and volumes from 500 litres to 10 m³. We can also add tappings at any point on the tank, as well as a range of other options. The advantage of this product is that it allows us to provide a complete flocculation process, and we also guarantee the best tank-agitator combinations.

OPTIONS

- Specific voltages
- 60 Hz
- Atex motor
- Compressed air motor
- Single-phase motor
- Bevel gear
- Variable frequency drive
- Rain cover
- Double impeller capability
- Power cord and plug assembly
- Control unit with daily timer
- High-specification equipment (Uranus 52N, Uranus B6, PVC, range of coatings, etc)

SUMMARY

- Flocculation
- 500-litre to 10 m³ volumes
- Variable frequency drive
- Agitation perfectly suited to the tank, guaranteed
- Tank made to specification
- Tappings provided to customer specifications
- Standard 230/400 V - Three-phase 50 Hz Tropicalized
- Multiple options available

Type	Volume (L)	Dimensions			Agitator	
		Ø	Tank height	Overall height	Power	Ø turbine
CTCF 18010	1000	950	1500	1876	0,18	500
CTCF 18020	2000	1350	1500	1876	0,18	700
CTCF 18030	3000	1420	2000	2376	0,18	700
CTCF 18040	4000	1650	2000	2376	0,18	800
CTCF 18050	5000	1820	2000	2376	0,18	900
CTCF 18060	6000	1900	2250	2626	0,18	900
CTCF 18070	7000	1780	3000	3476	0,18	900
CTCF 18080	8000	1900	3000	3476	0,18	900
CTCF 18090	9000	2000	3000	3476	0,18	1000
CTCF 18100	10000	2100	3000	3476	0,18	1100

> Drawing for illustration purposes

Effluent to building
(DN100 flange)

From coagulation/
Neutralisation tank
(DN2100 flange)

Drainage and overflow
(DN50 flange)

Flange and
stopper
(DN50)

?30°?

48°

23°