



MODULAR COMPONENTS

On occasions there is a need for a PHYSICAL-CHEMICAL treatment over and above an already existing biological treatment:

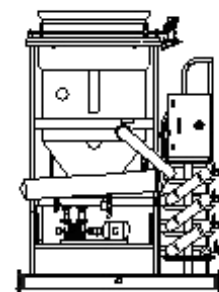
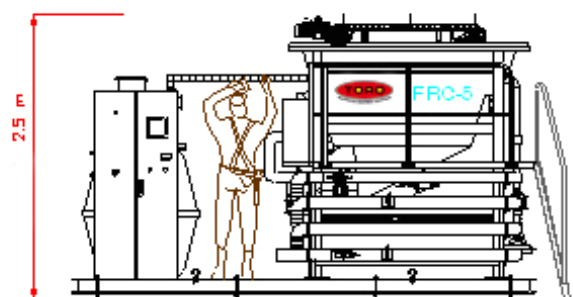
- With the need to comply with the new demands after a change in the legislation.
- Due to the expansion of the factory with the consequent increase in waste water, making the existing treatment insufficient.
- As a piece of Physical-Chemical treatment equipment working in parallel with an already existing one.
- As a provisional piece of treatment equipment for a future change in implantation.
- In any extension work where there is not sufficient space and there is, therefore, no possibility of carrying out construction work...

A piece of equipment with these characteristics, such as a Biological sludge thickener, can be placed behind a biological reactor as a substitute for the decanter, thus saving a lot of construction work...

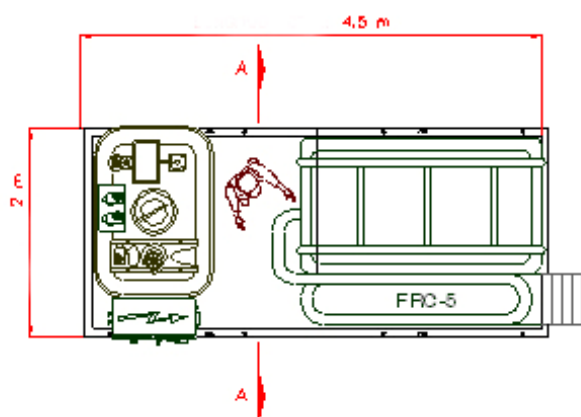
The equipment manufactured by TORO EQUIPMENT, S.L for these applications are compact ready assembled pieces of equipment with a portable structure which means they are easily handled and transported. They include all the necessary equipment for a complete Physical-Chemical treatment.



TECHNICAL SPECIFICATIONS

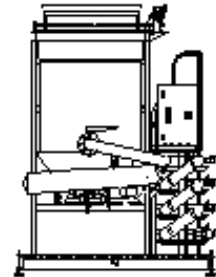
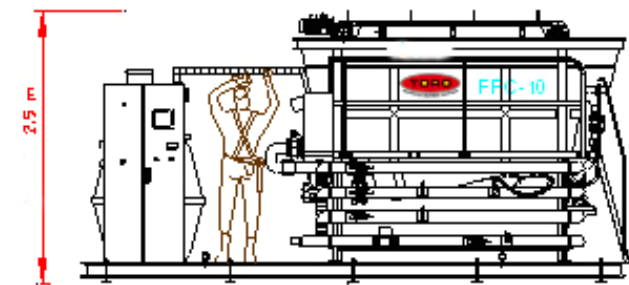


A-A

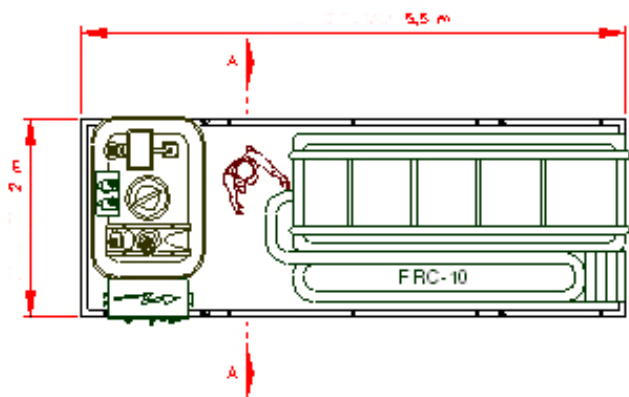


MODEL	Compact equipment FRC5-FQ5
Dimensions	
Total length (m)	4,5
Maximum height (m)	2,5
Total width (m)	2
Dissolved air flotation equipment	
	FRC5
Mean capacity (m ³ /h)	5
Flocculator	FLH5
Installed power (Kw)	4,1
Automatic Polyelectrolytic Plant PAP 1500	
Capacity (Poli at 0.2 % Kg/h)	256
Tank capacity (l)	1.500
Total installed power (Kw)	1
Dosage pumps	
Flocculating dosage pump (l/h)	35
Coagulating dosage pump (l/h)	14
Soda dosage pump (l/h)	35
Electrical panel with PLC	Included

NOTE: The dosage pumps included in the compact equipment are calculated to give standard doses of feed, or similar, waste which can be substituted for other doses more adequate to the application. TORO EQUIPMENT, S.L. reserves the right to modify, without prior notice, the data and characteristics that appear in this catalog.

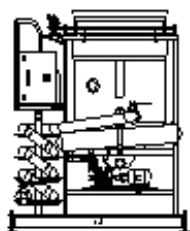


A-A

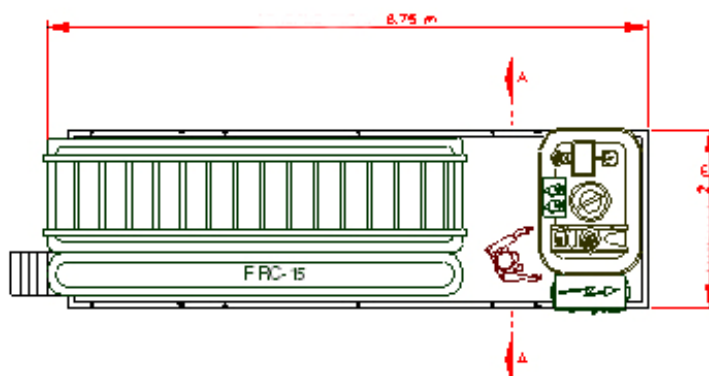
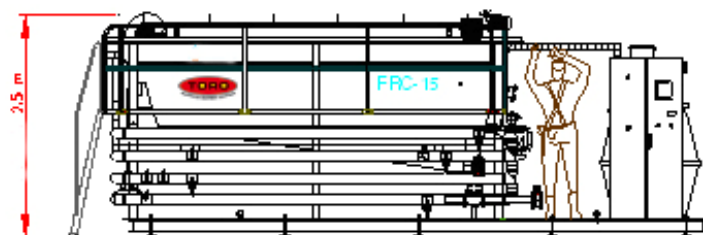
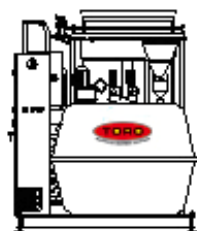


MODEL	Compact equipment FRC10-FQ10
Dimensions	
Total length (m)	5,5
Maximum height (m)	2,5
Total width (m)	2
Dissolved air flotation equipment	
	FRC10
Mean capacity (m ³ /h)	10
Flocculator	FLH10
Installed power (Kw)	4,1
Automatic Polyelectrolytic Plant PAP 1500	
Capacity (Poli at 0.2 % Kg/h)	256
Tank capacity (l)	1.500
Total installed power (Kw)	1
Dosage pumps	
Flocculating dosage pump (l/h)	75
Coagulating dosage pump (l/h)	27
Soda dosage pump (l/h)	50
Electrical panel with PLC	Included

NOTE: The dosage pumps included in the compact equipment are calculated to give standard doses of feed, or similar, waste which can be substituted for other doses more adequate to the application. TORO EQUIPMENT, S.L. reserves the right to modify, without prior notice, the data and characteristics that appear in this catalog.



A-A

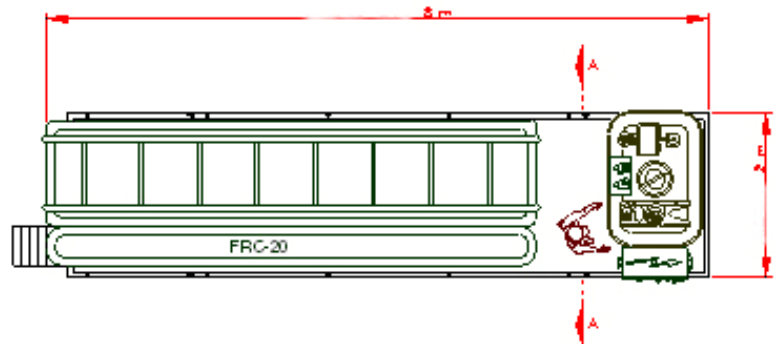
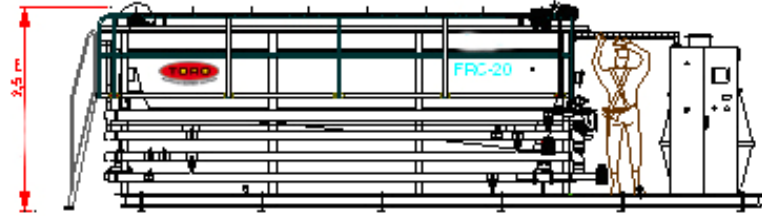


MODEL	Compact equipment FRC15-FQ15
Dimensions	
Total length (m)	6,75
Maximum height (m)	2,5
Total width (m)	2
Dissolved air flotation equipment	
	FRC15
Mean capacity (m ³ /h)	15
Flocculator	FLH15
Installed power (Kw)	4,1
Automatic Polyelectrolytic Plant PAP 1500	
Capacity (Poli at 0.2 % Kg/h)	542
Tank capacity (l)	3.500
Total installed power (Kw)	1
Dosage pumps	
Flocculating dosage pump (l/h)	115
Coagulating dosage pump (l/h)	35
Soda dosage pump (l/h)	75
Electrical panel with PLC	Included

NOTE: The dosage pumps included in the compact equipment are calculated to give standard doses of feed, or similar, waste which can be substituted for other doses more adequate to the application. TORO EQUIPMENT, S.L. reserves the right to modify, without prior notice, the data and characteristics that appear in this catalog.



A-A



MODEL	Compact equipment FRC20-FQ20
Dimensions	
Total length (m)	8
Maximum height (m)	2,5
Total width (m)	2
Dissolved air flotation equipment	
	FRC20
Mean capacity (m ³ /h)	20
Flocculator	FLH20
Installed power (Kw)	4,1
Automatic Polyelectrolytic Plant PAP 1500	
Capacity (Poli at 0.2 % Kg/h)	542
Tank capacity (l)	3.500
Total installed power (Kw)	1
Dosage pumps	
Flocculating dosage pump (l/h)	115
Coagulating dosage pump (l/h)	50
Soda dosage pump (l/h)	75
Electrical panel with PLC	Included

NOTE: The dosage pumps included in the compact equipment are calculated to give standard doses of feed, or similar, waste which can be substituted for other doses more adequate to the application. TORO EQUIPMENT, S.L. reserves the right to modify, without prior notice, the data and characteristics that appear in this catalog.



OPTIONAL

Compact Solutions

