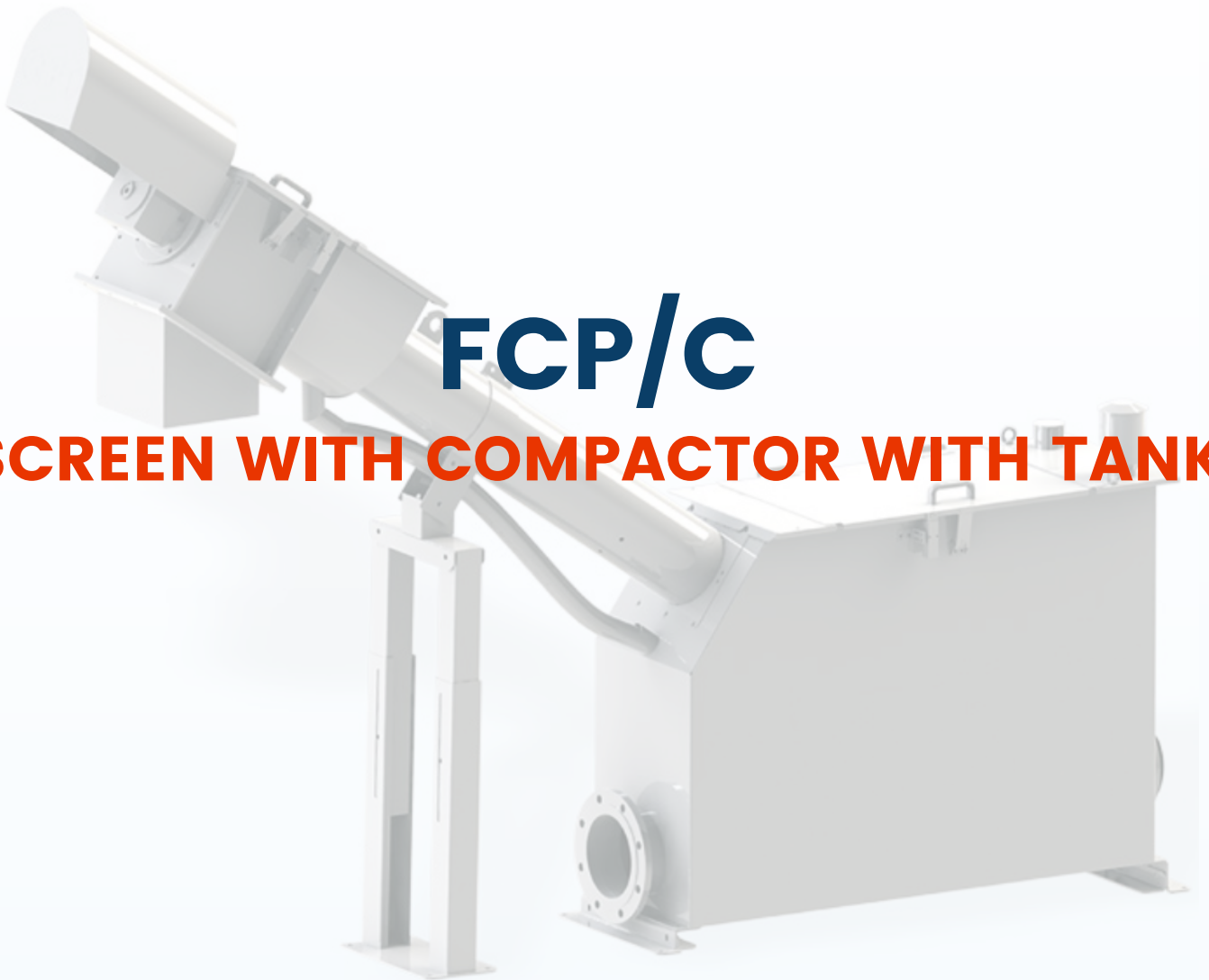


Screening



AQUA AURA
Leading Technologies

FCP/C **SCREEN WITH COMPACTOR WITH TANK**



FCP/C – SCREEN WITH COMPACTOR WITH TANK

The FCP/C screw screen is equipped with fully sealed stainless steel container to allow installation where there is not provided a concrete channel. The container is complete with flanged stub pipe of input and output. The container can have a cassette side bypass rake screen (optional).

At the end of conveying section is assembled the compactor with the related discharge mouth. Same principle of operation of the series FCP, with the simple addition of the container.

Advantages

- Low speed of rotation and no intermediate supports
- Self-cleaning with brushes fit on the screw
- Low maintenance and low initial investment
- Considerable reduction of volume and weight at the end of processing (up to 50%)
- High percentage of solid removed

MANUFACTURING FEATURES

<i>Inlet flow rate</i>	<i>Up to 1100 m³/h</i>
<i>Loading basket cleaning</i>	<i>With bolted brushes</i>
<i>Conveying length</i>	<i>Variable</i>
<i>Filtering options holes</i>	<i>∅ 3÷ ∅ 10 mm 0,25 ÷ 3 wedge wire</i>



FCP/C – SCREEN WITH COMPACTOR WITH TANK

Technical details

FCP/C	A mm	T mm	H mm	O mm	I mm	F mm	IN DN	OUT DN	W mm	kW	rpm
20	3190	2250	1500	175	220	2160	150	150	430	0,75	11
30	3120	2250	1500	205	250	2300	200	200	480	0,75	11
40	3125	2250	1500	235	285	2350	250	250	600	0,75	11
50	3100	2250	1500	255	315	2350	300	300	650	1,1	11
60	4050	2600	1750	300	380	2900	400	400	720	0,75	8
70	4175	3135	1950	360	440	3300	500	500	870	0,75	8

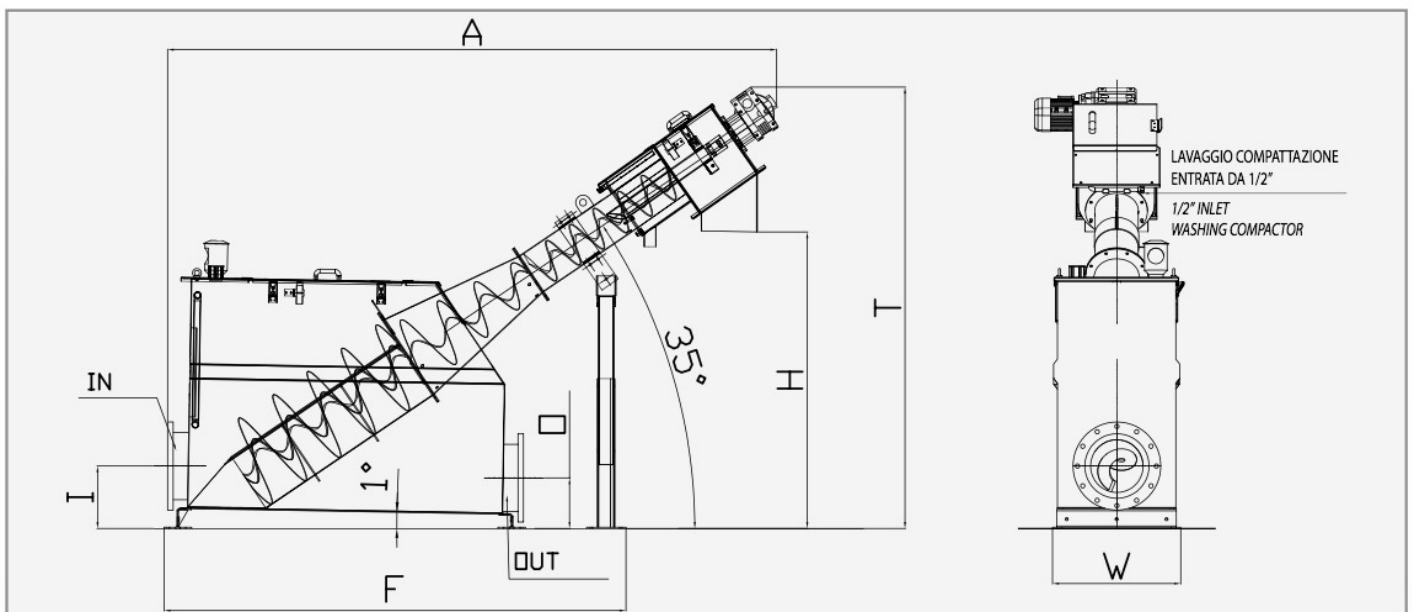
Based on machine configuration, motor power could be different

Theoretical flow rate table

FCP/C mm	20	30	40	50 m ³ /h	60	70	90
ww 0,25	17	34	75	115	180	220	290
ww 0,5	45	64	95	170	300	340	385
ww 1	50	81	135	252	350	430	590
ww 2	85	100	145	303	430	580	785
ww 3	112	125	187	340	505	730	900
Ø 3	80	122	158	320	502	690	865
Ø 4	93	137	218	360	528	756	920
Ø 5	108	158	259	390	612	830	1000
Ø 6	126	164	288	430	630	850	1070
Ø 7	137	183	310	468	730	905	1160
Ø 10	158	194	333	495	790	970	1250

ww = WEDGE WIRE SCREEN
Ø = PERFORATED SCREEN

data here listed are calculated
using clear water



FCP/C - SCREEN WITH COMPACTOR WITH TANK

