



MAQUINARIA
DE CANTERAS
TRIMAN, S.A.U.

Special Screens
for CFT fines
Triman

CFT



SPECIAL SCREENS FOR CFT FINES

In response to the ever-increasing demand for fine sand, especially for heavy-duty concrete and quality mortar, it is essential to use efficient screens in work applications, even under 1 mm. When the difficulty of the process is combined with current production requirement levels, conventional screens do not provide the required surface coverage. With their limitations in terms of frequency and gradient, the work becomes more complicated and sometimes even impossible to carry out.

The technical department of TRIMAN has developed and patented an innovative system that is particularly efficient for fine granular grading (sand) although it can also work with medium-sized grading (gravel).

TECHNOLOGY:

The CFT screens are driven by motor vibrators, which turn in the opposite direction and cause the assembly to vibrate in one direction. Their originality lies in the fact that the drive is located at the screen's centre of gravity and that vibration direction of the unit can be adjusted from vertical to horizontal, thus changing the fall and forward movement of the product onto the screen's mesh.

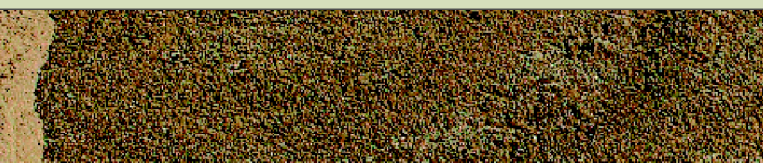
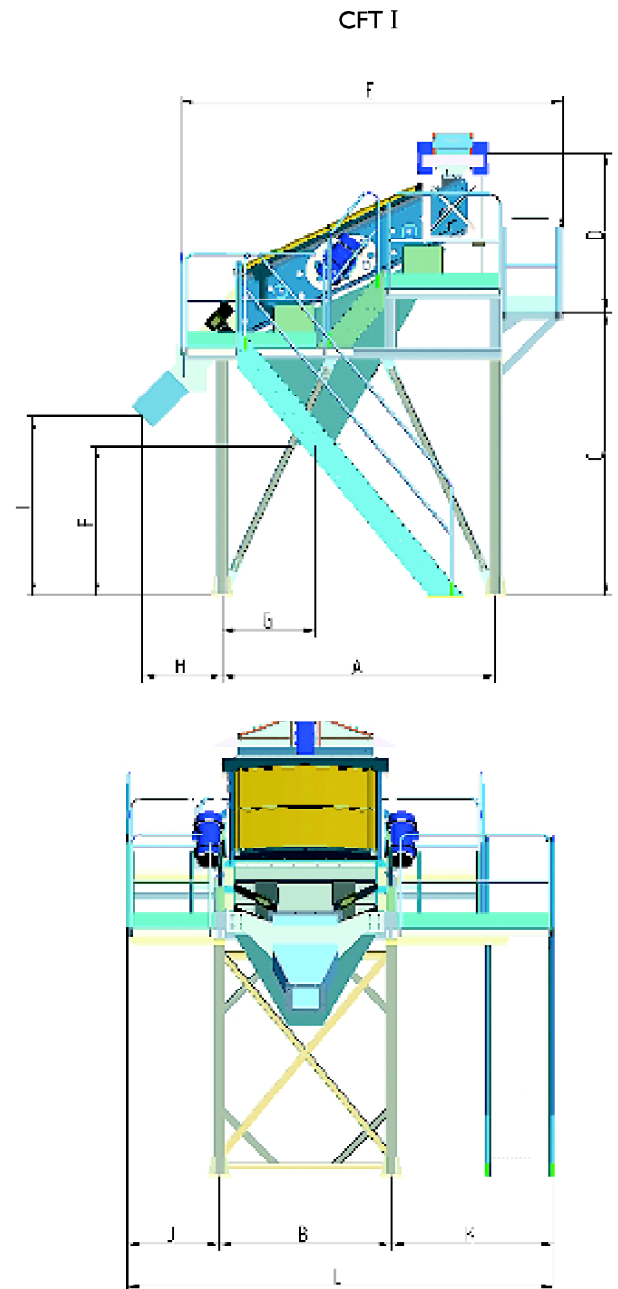
We also install different types of vibrators with frequencies between 1,000 - 3,000 cycles, achieving efficiency of between 1.5 and 3 times that of a conventional machine.

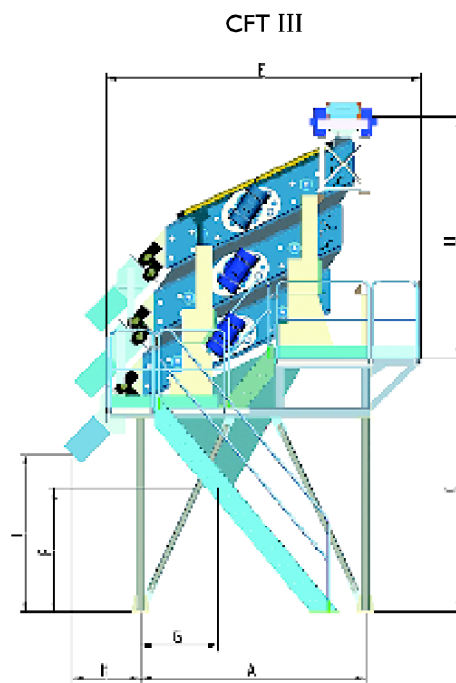
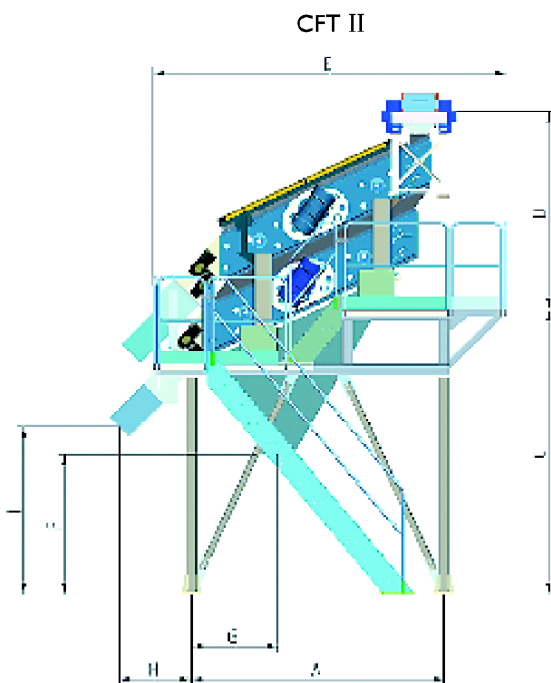
To improve the adjustment of the unit, we install frequency converters in the motors to cover an infinite range of applications.

Each CFT screen has 2 levels of mesh and can bear a certain load on each mesh, enabling a screening efficiency approaching 100%, independently of working level. We can install 1, 2 or 3 screens, one on top of the other, with differing frequencies, speeds and amplitudes, thereby securing optimum efficiency and maximum capacity for the screening surface.

VIBRATING DISTRIBUTOR

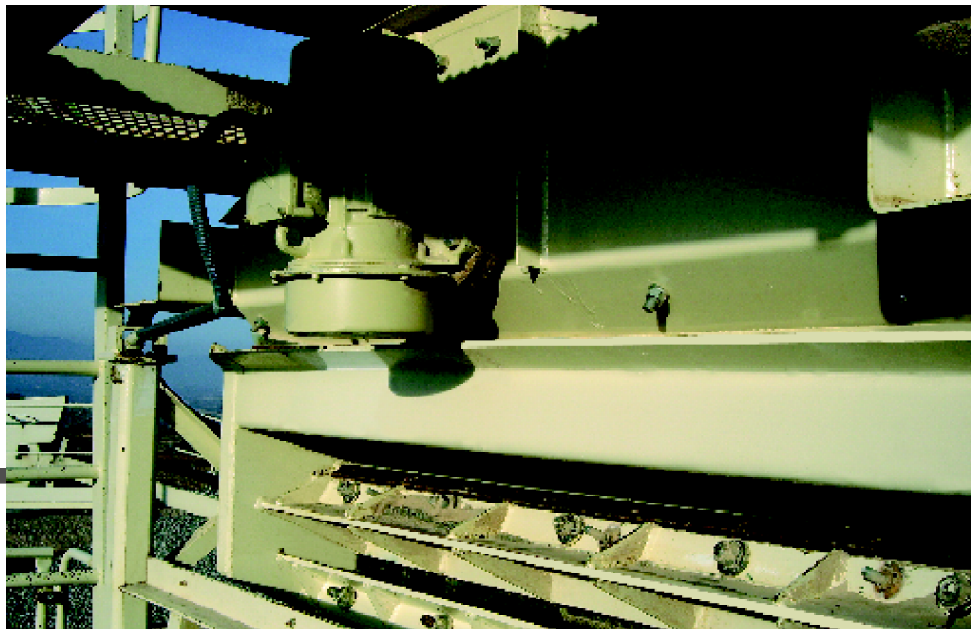
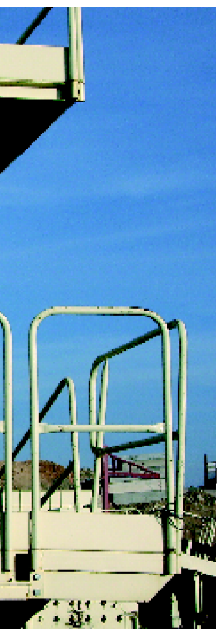
To ensure 100% efficiency on the screening surface the infeed is done through individual vibrating distributors for each screening unit, or even for distribution in 2 units working in parallel.





MODEL	Screening length mm	Screening width mm	1000 r.p.m.		1500 r.p.m.		3000 r.p.m.		No. of levels
			Power kw	FC kp	Power kw	FC kp	Power kw	FC kp	
CFT-1525	2500	1500	4	5800	4,4	7650	4,6	5000	2
CFT-1830	3000	1800	5,2	6976	12	6620	16	6300	2

MODELO	A	B	C	D	E	F	G	H	I	J	K	L
CFT-1525-I	2900	1830	3230	1907	4100	1600	996	850	1800	990	1730	4550
CFT-1525-II	2900	1830	3230	2708	4100	1600	996	850	1800	990	1730	4550
CFT-1525-III	2900	1830	3230	3325	4100	1600	996	850	1800	990	1730	4550
CFT-1830-I	3353	2130	3230	1907	4100	1600	996	850	1800	990	1730	4550
CFT-1830-II	3353	2130	3230	2708	4100	1600	996	850	1800	990	1730	4550
CFT-1830-III	3353	2130	3230	3325	4100	1600	996	850	1800	990	1730	4550





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