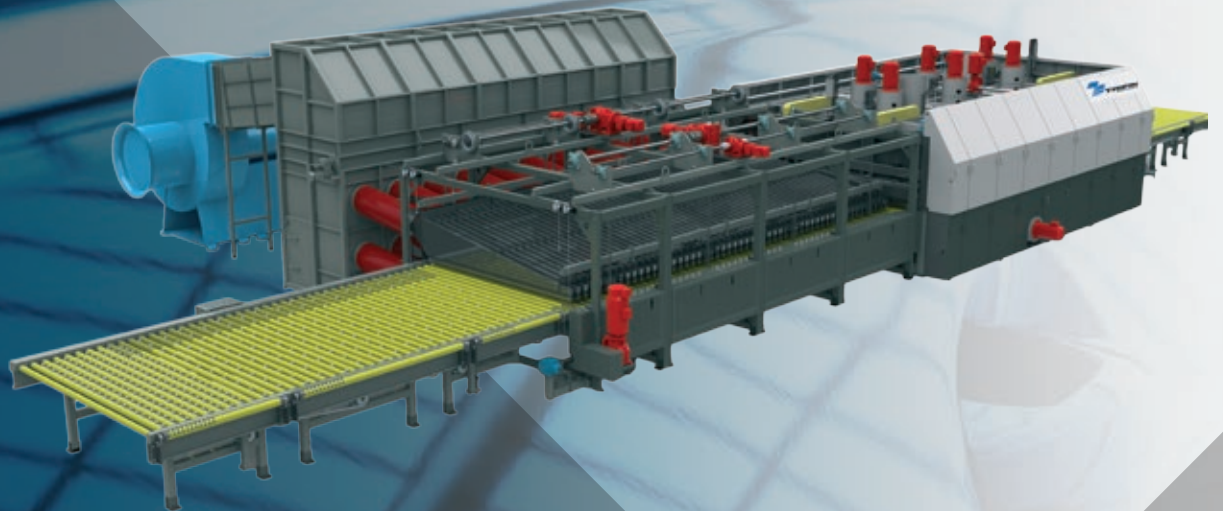


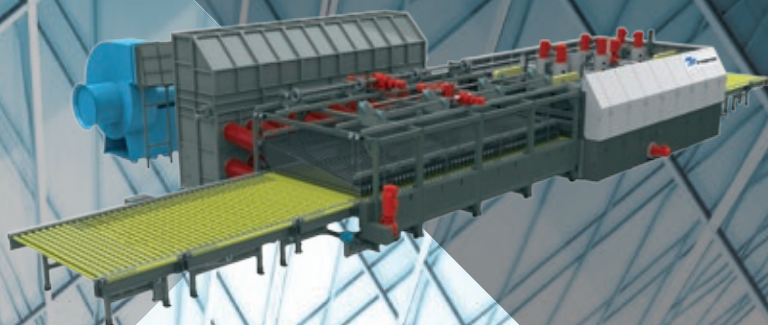
CTF-SERIES

FULL CONVECTION FLAT TEMPERING FURNACE



INNOVATIVE CTF -SERIES PUSH THE BOUNDARIES OF EXCELLENCE.

- / Outstanding and innovative heat focus and convection system
- / Operator friendly user interface and software features
- / Designed especially for Low-e production as well as for all types of temperable glasses
- / Customizable to your needs
- / Machine sizes up to 3200 mm x ...
- / No limitations for length
- / Thickness range 2,85 mm x 25 mm



GENERAL DATA

Glass thickness	3	4	5	6	8	10	12	15	19
Loadings per h	33-36	25-27	20-22	17-19	12-14	10-11	8-9	5-6	4-5
Heat total (sec)	99-108	132-144	165-180	198-225	264-300	330-400	396-450	600-700	700-900
Heat time (sec/mm)	33-36	33-36	33-36	33-36	33-36	33-36	33-36	33-36	33-36

CAPACITY DATA

Type of CTF	Load area m ² / sqft	Glass thickness mm Quantity per hour m ² / sqft								
		3	4	5	6	8	10	12	15	19
CTF 180-340 / 71"-134"	6,12 / 65,90	202-220 / 2174-2368	153-165 / 1647-1776	123-135 / 1324-1453	104-116 / 1119-1248	73-86 / 786-926	61-67 / 656-721	49-55 / 528-592	31-37 / 333-398	25-31 / 269-333
CTF 218-400 / 86"-158"	8,72 / 93,86	288-314 / 3100-3380	218-236 / 2347-2540	174-192 / 1873-2067	148-166 / 1593-1787	105-122 / 1130-1313	87-95 / 937-1023	70-79 / 754-851	44-53 / 474-571	35-44 / 377-474
CTF 254-520 / 100"-205"	13,20 / 142,08	436-475 / 4693-5112	330-357 / 3552-3843	264-291 / 2842-3132	225-251 / 2422-2702	159-185 / 1712-1992	132-146 / 1421-1572	106-119 / 1141-1281	66-79 / 711-851	53-66 / 571-711
CTF 280-640 / 110"-252"	17,92 / 192,89		448-484 / 4822-5210	359-394 / 3864-4241	305-341 / 3283-3671	215-251 / 2314-2702	179-197 / 1927-2121	143-161 / 1539-1733	90-108 / 967-1162	72-90 / 775-967
CTF 320-800 / 126"-315"	25,60 / 275,55		On request	512-563 / 5511-6060	435-486 / 4682-5231	307-359 / 3305-3864	256-282 / 2756-3036	205-231 / 2206-2485	128-154 / 1378-1658	102-128 / 1098-1658

Heating time may vary +/- 10 % depending on the glass ambient condition.

The capacity above is based on clear float glass, 100 % loading efficiency. Normal loading efficiencies vary between 50 % and 80 %. 15 mm and 19 mm capacities are calculated according to the cooling time as the cooling for thicknesses will be longer than heating time.

INSTALLED TOTAL POWER kW

Type of CTF	Total on 4 mm	Total on 3 mm
CTF 180-340/71"-134"	990	1180
CTF 218-400/86"-158"	1210	1490
CTF 254-520/100"-205"	1680	1960
CTF 280-640/110"-252"	2165	
CTF 320-800/126"-315"	3047	

At the maximum altitude of 300 m and in the max. ambient temperature of 30°C.



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