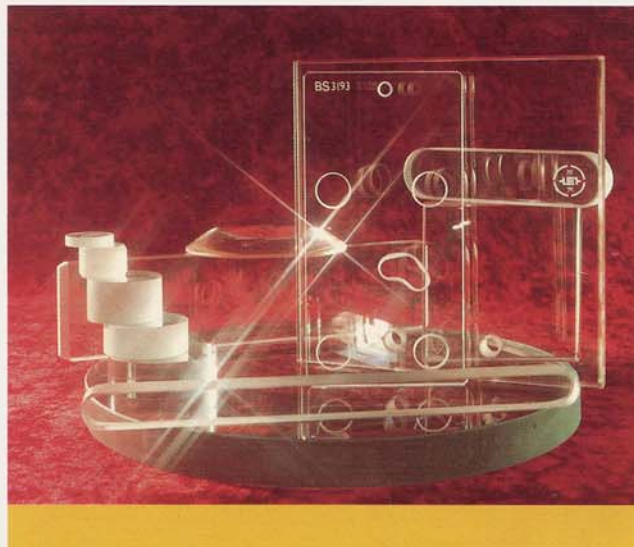


Close Pitch Roller Hearth Tempering Systems

These scaled down versions of standard EFCO roller hearth glass tempering systems have been designed to toughen small circles and shapes including instrument viewing glasses, security plates, protector glasses and gauge glasses.

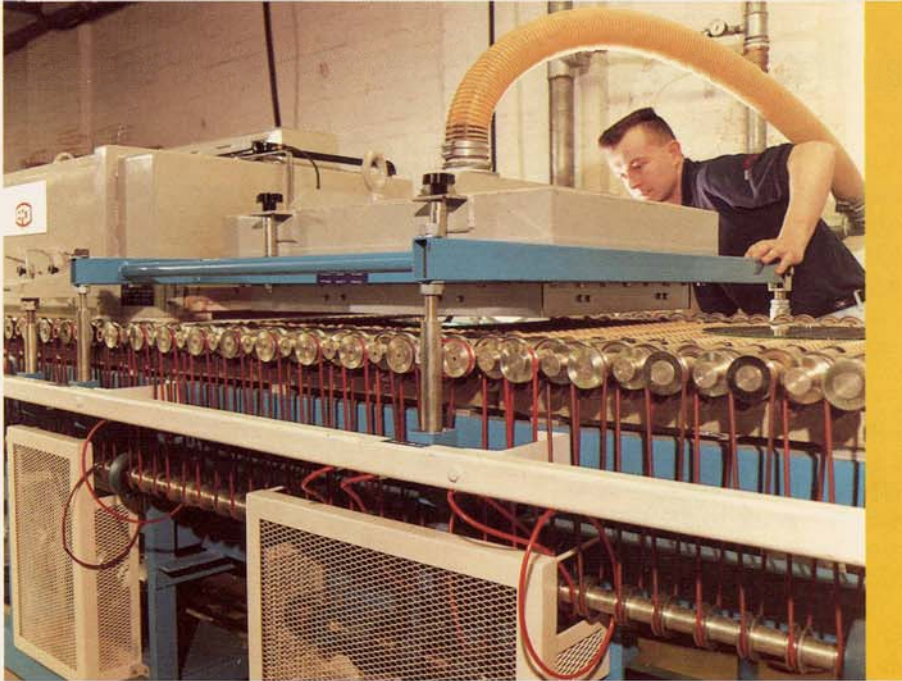
EFCO close pitch roller hearth tempering systems produce top quality toughened glass up to 400mm square, in any thickness from 3mm to 25mm. Typical production rates of up to 20 charges of 4mm thick glass circles are achievable.

A choice of three standard models is available, with charge areas of 400mm x 400mm, 650mm x 650mm and 750mm x 1500mm



Each system comprises: a single chamber furnace; an air quench/cooler system and a roller topped charge and discharge system. The furnace heating chamber has a roof and hearth zones, each individually controlled by its own microprocessor based temperature controller to ensure the close temperature uniformity demanded by the latest European glass standards.





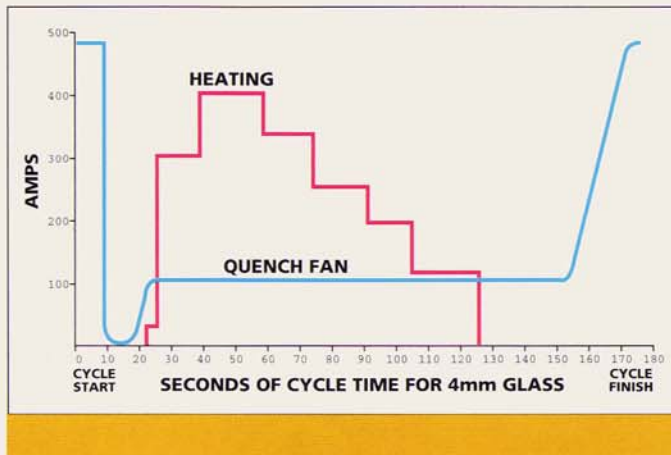
EFCO close roller hearth tempering systems do not require special foundations or excavations - the furnace sits directly on an existing factory floor. Site commissioning is minimal as the plant is fully assembled, piped, wired and tested at our factory, prior to delivery.

They are highly energy efficient - the automatic furnace entry and exit doors, close fitting roller seals and low thermal mass insulation materials provide maximum thermal efficiency for low running costs.

EFCO close roller hearth systems - the efficient method of producing scratch and haze free toughened glass circles and shapes.

SPECIFICATION

Load Area(mm)		Number of Chambers	Power Heating kW	Compressor kW Quench 4mm+	Approx. Overall Dimensions (m)			4mm Output M2/hr at 70% Utilisation
Width	Length				Length A	Width B	Raised Height C	
650	650	1	45	110	3.7	2.1	2.0	6.0
400	400	1	25	35	3.2	1.8	2.0	2
750	1500	1	100	N/A	8.3	2.5	2.0	16



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