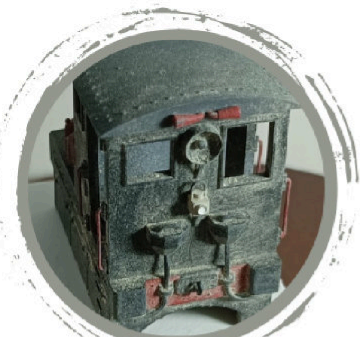
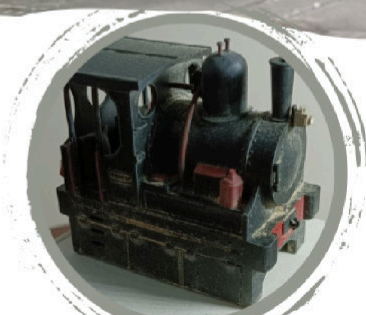




Essex Brick Model Railway

- Predominately 3d printed layout including all figures, locos, rolling stock & buildings.
- Working canal boats.
- Layout based on industrial storage facilities serviced by rail, road & canal.



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www.youtube.com/@EssexBrick

Essex Brick MR

Specifications

Name	Essex Brick Model Railway
Layout Located	South Essex, UK
Scale	OO/HO
Size	1620 x 940 mm Main Board. 2420 x 300 mm Sliding Fiddle Yard
Operating Space	4300 x 1800mm, 2 operators req
Prototype	Freelance, based on East London industrial areas
Period	Post WW2 – 1950's
Canal	The working canal operates using a second track underneath with locos pulling the canal boats around and through the layout
Layout Style	16 tracks at the rear supplied by the sliding fiddle yards 32 stabling tracks
Roadbed	All tracks are encased in air dry clay
Track	Hornby flexi track
Control	DCC++, JMRI/CMRI, RS485 bus & MERG Booster
Loco Drives	N20 motors driving axles via O-rings & 3D printed chassis
DCC Decoders	LaisDCC decoders with home-brew stay alives
Items 3d Printed	Turntables, Turnouts, Loco Chassis & Bodies, Wagons, Wagon Loads, The Backscene & All Buildings, Figures, Animals, Canal Boats, Detailing & Fixtures & Fittings
Programs used	SketchUp, Makehuman & Blender
Printers used	Ender 3, Elegoo Mars 2 & Elegoo Mars 4



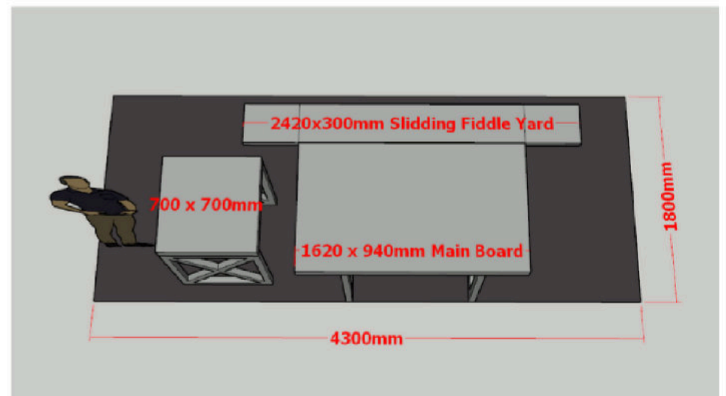
The Making Of

"In 2020 I started building a small portable freelance industrial layout called Essex Brick. It is based on storage facilities and serviced by rail, road and canal. All buildings are based on how I remember them from my youth; travelling to London on the Fenchurch Line. Buildings were dirty and well worn post WW2.

I freelance designed and 3d printed almost all of the layout including all the figures, buildings, locos, wagons, turntables etc. This was very rewarding learning new skills and making the whole thing myself.

The working canal works by a second track underneath with locos pulling the canal boats around and through the layout.

In 2023 I focused on detailing and painting, using various methods to make the buildings and locos look authentic and dirty. Finally Essex Brick was completed."



Essex Brick MR



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