

J&C Joel 
Inspiration in every performance



CO-OP LIVE

England / Manchester

www.jcjoel.com

CO-OP LIVE

Country / City: England / Manchester

Completion: 2024

Capacity: 23,500

Usage: Multi-Purpose Venue, Performance Venue, Music Venue

Technology



Overstage
Engineering



Track



Traditional
Drapery



Manufacturing

Overview

Co-op Live, located in Manchester, England, opened on 14th May 2024. It has the largest maximum capacity of any indoor arena in the United Kingdom, 23,500.

J&C Joel provided 10 perimeter divider drapes, which were raised and lowered via our Festoon System. Each Festoon System consisted of a double braked motor gearbox, drive shafts, bearings and pulleys, which were mounted within a custom 0.3m Box Truss. The systems had various working travels of 9.15m up to 11.7m and evenly spaced pick-up lines that terminated to a bar sewn into a pocket at the base of the drapes. In addition, each Festoon System had an independent control system operating at a fixed speed of 0.2m/s.

Hung from each Festoon System were J&C Joel's black IFR Premier Wool Serge (WS090) drapes; these were sewn flat and headed with ties for a secure attachment. On the rear face of the drapes, "D" rings were sewn in line with Kevlar drop lines to guide them through. J&C Joel also provided a Stage End Drapery System. To achieve this, a triangular demountable truss systems were suspended from 500kg D8+ Chain Hoists at high level, from which Premier Wool Serge (WS090) drapes were hung.

These drapes could be manoeuvred into position to ensure the seating behind the stage wasn't visible during concerts/shows providing a black backdrop. Ensuring the system successfully met the multi-purpose requirements of the venue. At lower level, a Unibeam track system was installed to provide further masking of the shutter doors at the rear of the stage area.

Finally, we supplied and installed runs of track and drapery to the North and South hangouts. The North hangout totalled 65m with the South hangout totalling 68m, from the track we installed J&C Joel's black IFR Premier Wool Serge (WS090) drapes. Our systems provided masking to bar areas located on level 4 of the arena.

At a Glance:



230 Metres Square Truss



Triangular Truss



4243 Metres of 565 Black Wool Serge



30 Manufactured Drapes



Erail Manual Track



62 Meters Unibeam Track



10 Festoon Drape Systems



18 Electric Chain Hoists

Wool Serge masking drapes



Lineshaft / Festoon System



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Wool Serge 565 Festoon Drapes



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Erail Manual Track with Pure Velvet Drapes



ENCORE
RESTAURANT



Erail Manual Track with Pure Velvet Drapes

Wool Serge 565 Festoon Drapes





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