

Riggingpoints specifications - Eurovision Song Contest 2021

For the Eurovision Song Contest 514 Lodestar Chain hoists and 74 BroadWeight Loadcells are in use. Breakdown for each discipline:

Audio:

50 hoists: 6 main clusters on 36 hoists, and 7 infill clusters on 14 hoists.

- 22x 500kg Chain Hoist
- 20x 1000kg Chain Hoist
- 8x 2000kg Chain Hoist

Lights:

208 hoists all around the venue from above the stage and up the high bleachers. A number of trusses contain moving objects, monitored by loadcells.

- 127x 500kg Chain Hoist
- 46x 1000kg Chain Hoist
- 41x 2000kg Chain Hoist
- 8x BroadWeight Loadcell

Cameras

22 hoists: We provided 3 rigging structures for Opertec (Camera Crew): for the rail camera, for the fly camera and for a fixed flown camera. Because of the dynamic load loadcells have been used here.

- 2x 500kg Chain Hoist
- 20x 1000kg Chain Hoist
- 9x BroadWeight Loadcell

Decor / Set build:

13 hoists: 12 of them are in use for the load-in on and off stage and for the build, one separate hoist is used to lift the bridge between the A-Stage and the B-Stage so big equipment can be moved from left to right if needed.

- 12x 1000kg Chain Hoist
- 1x 2000kg Chain Hoist

Pyro:

For the pyro trusses we provide 11 chain hoists for effects:

- 11x 500kg Chain Hoist

Support Grids:

Around the venue we also created support grids for motion and video, a combination of Electrical Chain Hoists and Manual Lever Hoists.

- 28x 1000kg Chain Hoist
- 30x 2000kg Chain Hoist
- 37x Manual Lever Hoist

Tech Decks, Cable Bridges, Cable drops:

For lighting, video and audio we have created decks so they could easily build their power and data racks on the ground and we fly them up, keeping the catwalks clear of equipment while still easily accessible from that same catwalk. Part of lighting cabling is run through dedicated cabling trusses with dedicated hoists.

- 20x 500kg Chain Hoist
- 40x 1000kg Chain Hoist
- 1x 2000kg Chain Hoist

Flown Audience LED-screens:

Throughout the venue there can be found 8 LED screens.

- 16x 500kg Chain Hoist

Augmented reality:

5 trusses are dedicated to Augmented Reality, hosting around 100 reference points in the grid for their camera's so they know where the camera is in the venue.

- 20x 500kg Chain Hoists

Total weights

- 220 tons static load
- 285 tons incl. dynamic load

More info on <http://www.ampco-flashlight.com/esc>