The bay-crossing shuttle is normally utilized for the ground transportation of the IOL Cobra in both directions (from and to the Cobra Irradiation Facility). It has to be placed along tracks located on the floor and is actuating movement in horizontal and vertical directions. The control and monitoring system allows for accurate positioning over different radiation irradiation stations.

The manual placement uses a “controlled track” system application, i.e.,
- Exchange of materials and cons between vertical and horizontal axes.
- Exchange of materials and cons between a regulation line and certified warehouse.