

Abstract

The invention relates to an overhead conveying device (30) for integration into an assembly plant for transporting vehicle components (31) by means of a conveying device (33) arranged on the overhead
5 conveying device (30), said overhead conveying device (30) comprising a supporting framework (38) that has a length of more than 5 m and a width of more than 2 m. The conveying device (33) can be mounted on the supporting framework (38), and the supporting framework (38) and the conveying device (33) form a conveying corridor (32) in which the
10 vehicle components (31) can be transported from an input point to an output point. The supporting framework (38) is mounted on the floor (47) of the assembly plant by bearing means that form, between the underside of the supporting framework (38) and the surface of the floor (47), a free space that is suitable for component assembly and/or for
15 component transport and that is accessible on foot and/or on wheels, at least one bearing means being designed in the manner of a column gantry (39) that comprises at least two support columns (41a,b; 40a,b) whose lower ends are attached to the floor (47) of the assembly plant. At least one transverse bridge (42) is mounted between two support columns (41,
20 40) in each case, and the supporting framework (38) is arranged on the upper side of the transverse bridge (42).

(Fig. 6)