

CLAIMS

1. Conveyor beam attachment (2) adapted to be attached to a conveyor beam, comprising a first catch (5) having a first nose (8) pointing in a first direction, where the first catch (5) is adapted to engage one flange of a T-slot in the conveyor beam, characterized in that the conveyor beam attachment (2) comprises a second catch (6) having a second nose (9) and a third catch (7) having a third nose (10), where the second nose (9) and the third nose (10) points in a second direction opposite the first direction, where the second catch (6) and the third catch (7) are adapted to engage the other flange of the T-slot in the conveyor beam, where the second catch (6) and the third catch (7) are arranged on each side of the first catch (5), and that the first catch (5) is spring-loaded and can be pushed to a release position with an engagement button (12) or that the second catch (6) and the third catch (7) are spring-loaded and can be pushed to a release position with an engagement button (12).
2. Conveyor beam attachment according to any of claims 1, characterized in that the conveyor beam attachment (2) comprises a vertical opening (15) adapted to receive a vertical support rod (3).
3. Conveyor beam attachment according to claim 2, characterized in that the vertical opening (15) comprises a first spring-loaded protrusion (20) adapted to engage with a groove (17) of the vertical support rod (3).
4. Conveyor beam attachment according to claim 3, characterized in that the first protrusion (20) can be pushed to a release position with a first adjustment button (13).

5. Conveyor beam attachment according to any of claims 2 to 4, characterized in that the vertical opening (15) is oval.
6. Conveyor beam attachment according to claim 1, characterized in that the conveyor beam attachment (2) comprises a horizontal opening (28) adapted to receive a first catch (5), a second catch (6) and a third catch (7) of another conveyor beam attachment (2).
7. Conveyor beam attachment according to claim 6, characterized in that the horizontal opening (28) is rectangular with an upper flange (29) and a lower flange (30), where the distance between the upper flange and the lower flange corresponds to the vertical distance between the first catch (5) and the second and third catches (6, 7) in a released state.
8. Conveyor beam attachment according to any of claims 1 to 7, characterized in that the conveyor beam attachment (2) comprises a lock screw (32) adapted to block the movement of the first catch (5) or the second and third catches (6, 7).
9. Conveyor beam attachment according to claim 8, characterized in that the lock screw (32) is adapted to block the movement of the engagement button (12), thereby blocking the movement of the first catch (5) or the second and third catches (6, 7).
10. Guide rail assembly (1) comprising a conveyor beam attachment (2) according to any of claims 1 to 5, characterized in that the guide rail assembly further comprises a vertical support rod (3) arranged in a vertical opening (15) comprised in the conveyor beam attachment (2) and a horizontal support rod (4) arranged in a support opening (16) comprised in the vertical support rod (3).

11. Guide rail assembly according to claim 10, characterized in that the vertical opening (15) comprises a first spring-loaded protrusion (20) adapted to engage with a groove (17) of the vertical support rod (3).
- 5 12. Guide rail assembly according to claim 10 or 11, characterized in that the support opening (16) comprises a second spring-loaded protrusion (21) adapted to engage with a groove (18) of the horizontal support rod (4).
- 10 13. Guide rail assembly according to claim 12, characterized in that the second protrusion (21) can be pushed to a release position with a second adjustment button (14).
14. Guide rail assembly according to any of claims 10 to 13, characterized in that the horizontal support rod (4) comprises a guide rail clamp (19).
- 15 15. Conveyor (40), comprising a plurality of guide rail assemblies (1) according to any of claims 10 to 14 and at least one conveyor beam (41).