10. The manufacturing apparatus as claimed in any one of the preceding claims, wherein the manufacturing apparatus comprises a lock for locking the detachable process module in position in the manufacturing apparatus.

11. The manufacturing apparatus as claimed in any one of the preceding claims, wherein the manufacturing apparatus comprises a first automatic tool changer connector and the detachable process module comprises a second automatic tool changer connector for connecting to the first automatic tool change connector, wherein each of the first automatic tool changer and the second automatic tool changer comprises one or more connections for enabling use of electrical, pneumatic and/or vacuum devices attached to the detachable process module in the designated process.

12. The manufacturing apparatus as claimed in claim 11, wherein the first automatic tool changer and the second automatic tool changer are connected once the detachable process module is slotted into the manufacturing apparatus and the manufacturing apparatus requires no further connection for enabling use of electrical, pneumatic and/or vacuum devices attached to the detachable process module in the designated process.

13. The manufacturing apparatus as claimed in any one of the preceding claims, wherein the manufacturing apparatus or the detachable process module is configured for mounting a picker device for picking or placing items on the one or more carts and the picker device comprises a clip-on mounting for attaching one or more application specific end effector through a clipping action without requiring further fastening.

14. The manufacturing apparatus as claimed in any one of the preceding claims, wherein each of the one or more carts is configured to receive wirelessly from a server information on one or more manufacturing apparatus situated along the rail to dock at in sequence.

15. The manufacturing apparatus as claimed in any one of the preceding claims, wherein each of the one or more carts comprises a chargeable power supply.

16. The manufacturing apparatus as claimed in claim 15, wherein the chargeable power supply is charged when the respective cart is docked at a manufacturing apparatus situated along the rail.

17. The manufacturing apparatus as claimed in any one of the preceding claims, wherein each of the one or more carts comprises an electronic tag reader for reading one or more electronic tags tagged along the rail for tracking location of the one or more carts.

18. The manufacturing apparatus as claimed in any one of the preceding claims, wherein the manufacturing apparatus comprises one or more electronic tag readers for wirelessly reading one or more electronic tags tagged to a product container in each cart of the one or more carts for checking product type carried by the respective cart.

19. The manufacturing apparatus as claimed in any one of the preceding claims, wherein one of the one or more carts comprises a movable end block with rollers for moving the cart on the rail, and the movable end block is pivotable about the cart to facilitate the cart to manoeuvre a corner on the rail.

20. The manufacturing apparatus as claimed in any one of the preceding claims, wherein more than one of the rail are formed when the detachable rail module is attached to a corresponding detachable rail module of an adjacent manufacturing apparatus, and one of the rails being an upper level rail and another one of the rails being a lower level rail.

21. The manufacturing apparatus as claimed in claim 20, wherein a memory table residing in a memory of each cart is used to determine movement of each cart between a track in the upper level rail and a track in the lower level rail for cart traffic control.

22. The manufacturing apparatus as claimed in any one of the preceding claims, wherein a memory table downloaded to each cart is used to determine which manufacturing apparatus each cart