

## Armaton Modular Platform Kit – a new and easy way to build flatbed and box vehicles

**Armaton, now a part of Forankra, is launching a new flatbed and box system for light goods vehicles (trucks, vans, etc.). The system is modular and screws together with no special tools.**

The need for all sorts of commercial vehicles in the up to 3.5 tonnes weight class is constantly growing. Armaton wanted to meet this demand while also making it easier for small and medium-sized vehicle body builders (coachbuilders) to offer add-on products. Thus, we developed our unique modular solution for constructing flatbeds and boxes. A specially equipped workshop is not required. Our solution is based on the same type of platform concept that has long been used in the vehicle industry.

### Simple “kit assembly” using hand tools

“The system is based on forming the bed’s platform by sliding ready-to-use profiles into place and locking them there. Our screwed joints ensure self-centring. Depending on what is being built, function profiles are then slid into the frame profile. The result is a very light and stable bed with no welding or special fittings,” reveals the designer, Ragnvald Andersson. He is also behind Armaton’s well-known locking pillars. These have become very popular with coachbuilders in large parts of Europe. All the kit components are anodised aluminium and ready to use. They are delivered as a flatpack. This makes transport cheaper and is also good for the environment.

### Integrated hinges and continuously adjustable load lashing

The Armaton MP Kit is characterised by a very clean, streamlined design. This maximises the load area and makes it easy to build purpose-specific work vehicles. For example, the new bed profiles have integrated hinges and a continuous load lashing system. These do not encroach on the load area (unlike traditional load-lashing solutions).

“Being able to position lashing straps anywhere at the front, back or sides makes it easier to secure the goods. The result is transport that is both more efficient and safer,” comments Ragnvald Andersson.

### Easy to combine flatbeds and boxes

Nowadays, many light vehicles are built as mobile workplaces that combine, for example, a flatbed, a box and a crane. Using the same frame profiles, but different function profiles, the Armaton MP Kit is used to build both boxes and flatbeds. This makes it easy to develop integrated, customer solutions. Furthermore, investment costs are very low. Lennart Klingzell, a Key Account Manager for Armaton, feels that this should make the new system attractive for many coachbuilders. All those interested in the possibilities are warmly invited to Forankra’s stand (B01:38) at Elmia Lastbil in Jönköping, August 22–25.

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