

Equipment & Components

Innovation: it needs **doubling!**

The HS701 crawler mini-dumper will be available in two versions: with a flat body with reclining sides and an electric "E" model



out, the operator can firmly and easily stand and get on and off the vehicle; when folded down, the total length of the mini-dumper is reduced, as to save space for transport or storage in confined spaces. What is more, for the best work management, the mini-dumper control panel (easy and user-friendly) is placed in front of the operator, all control levers are easily accessible and a handle always provides a safe grip while driving. The extreme compactness (width 758 mm, optional 1,058; height 1,304 mm; length 2,200 mm) is the

Tracked mini - dumpers are a fast and perfect transport solution for a wide range of construction sites.

On the occasion of Bauma, the range of these Hinowa machineries will be exhibited together with two new versions of the HS701: with a flat body with reclining sides and an electric model.

The first version, extending its application range, provides for - also thanks to the hydraulic drive and simple and user-friendly controls - multi-functionality, strength, compactness and dumping speed. In this model as well, the operator can choose the speed according to the type of ground: slower (2.2 km/h) in case of uneven surface, faster (3.5 km/h) in case of a flatter soil. The machine is fitted with a foldable platform: once stretched

same in this model with flat body as the other models in the range and confirms the possibility to work even in confined spaces. Moreover, the present model provides for the optimal weight distribution: thanks to the three rollers on each side of the crawler undercarriage, the mini-dumper can be moved with ease and stability on different types of soil and slopes. The rubber tracks, 180 mm wide and tensioned thanks to a grease cylinder system, reduce the pressure on the ground by reducing the load at the base level. The HS701 flat-bed mini-dumper capacity accounts for 700 kg for a load volume of 0.30 m³. Power is provided by

a single-cylinder, 270 cc, 6.3 kW (8.4 HP) Honda GX270 petrol engine with power at 3,600 rpm, manually started or, alternatively, by a single-cylinder, 416 cc, 7 kW (9.4 HP) Kubota OC95 diesel engine up to 3,600 rpm, electric ignition.

The second model presented in Munich, the HS701E Lithium electric crawler tracker, is characterized, in fact, by the unique power supply with lithium batteries (48 V - 200 Ah), thanks to which Hinowa is able to meet those customer requirements willing to use the vehicles in multiple contexts, indoor and outdoor. Among the pioneers of this type of

power supply, Hinowa further developed research and refinement processes in time, thus offering operators in the industry a low-consumption power supply system, guaranteed in this case also by two innovative traction motors CTE2010 48 Vdc. The vehicles equipped with lithium

batteries offer many advantages: no need for an electrical outlet nearby; no risk for the operator to trip over the power cable; no way to damage the cables with tracks or other machines; possibility to operate with reduced noise emissions; high autonomy of the battery pack (one working day), combined with compact size and no "memory effect" allowing to recharge the battery pack at any percentage of residual charge without interfering with the useful life of the pack itself. With a track width accounting for 180 mm (three rollers per side) and an unmanned weight of 590 kg, the new HS701E Lithium electric crawler mini-dumper stands out for load capacity accounting for 0.34 m³ (700 kg). Here too, the compactness is an added value of the machine, 2,134 mm long (1,934 mm under transport conditions), 750 mm wide and 1,330 mm high.

Hinowa will be at the Bauma: FS1103/8 (aerial platforms); Pad. C4, stand 325 (mini-dumpers and undercarriages).

A "green" booth

Hinowa's focus on environmental issues - both during the design phase of its machines and throughout the entire production process - will be reflected at Bauma 2019 with a "green" booth, where the new range of electrical and bi-energy machines and many "ecological" initiatives will stand out. In addition to the two new dumpers, there is also space for the new LL33 bi-energy and LL26 bi-energy crawler platforms (both with lithium batteries and combustion engine).