



## **PRESS RELEASE**

### **A SAIE2009 FULL OF NOVELTIES FOR IHIMER**

**IHIMER, an Italian company formed 7 years ago on the basis of a joint venture between the IMER Group and IHI, is exhibiting six new products, previewed for the first time, together with the existing series with renewed engine and design features:**

**the new 12VXE mini excavator, the new AS12 skid loader, the new M2056 skid loader and the new Carry 105 mini dumper and the Carry 107 HT.**

**The NX-NXT series has been totally renewed and has been renamed the new VXT-VXE series.**

*San Gimignano, 28th October 2009 – A SAIE 2009 abounding with novelties for IHIMER, a specialist in the manufacture and marketing of mini excavators, skid-steer loaders and minidumpers, formed in 2002 on the basis of a joint venture between the IMER Group and IHI, through the IHI Construction Machinery Limited division). The company, based in San Gimignano in Italy, is previewing **six new products for the first time ever** at this major trade fair in Bologna: **the new 12VXE mini excavator, the new AS12 skid loader, the new M2056 and the new Carry 105, Carry 105 Power Electric and Carry 107 HT mini dumpers. The NX-NXT series has received important innovations in both engine and design and has changed its name to the VXT-VXE series.***

**The 12VXE model** has been designed for easier transport and maximum operating capability in historic town centres with limited working space. Just like **the new AS12 skid loader**, specially developed to operate in limited areas with guaranteed high performance levels. **The new Carry 105**, IHIMER's latest arrival, is a highly agile and versatile machine, designed for materials handling in warehouses or greenhouses and especially suitable for nurseries and agricultural use. IHIMER is also previewing **the new Carry 107 HT model**, ideal for material's transport and handling. The "high tip" feature makes it possible to empty the bucket at the desired points.

**The 12VXE is definitely IHIMER's key exhibit at SAIE09.** This mini excavator has a Yanmar 3TNM68 engine and, because of its reduced dimensions (maximum width 1.1 m extended, 87 cm retracted), is the ideal solution for all building sites in urban areas. Its strong point is its low weight - just 1180 kg - making it transportable on any 3.5 tonne class goods vehicle. It can travel at up to 3.5 km/h and is particularly comfortable for the operator, with a built-in joystick in the driving position. **Reliability, speed, new design and incorporated joystick: these are the key features of IHIMER's new AS12 skid loader, ideal for working in confined spaces with maximum flexibility and yet guaranteed high performance.** With an operating weight of 1250 kg, the AS12 can handle an operating load (SAE Standard) of up to 350 kg with a guaranteed breakout force of 1000 kg. The IHIMER skid loader has a Yanmar 3TNV76 engine of displacement 1.1116, giving excellent performance in even the most complex and difficult situations.

Also on display is the new M2056, with a **new Deutz TD 2009 engine** (10 kW more power than the previous M2054 model).

**IHIMER's new M2056 skid loader moves nimbly and safely on all terrains, adapts to all kinds of work sites** and remains highly stable even on broken ground and steep gradients. **With its joystick-operated hydraulic controls, the M2056 lets the operator concentrate on getting the vehicle to perform to the maximum of its capabilities.**

**Also at SAIE2009, IHIMER is previewing the prototype of its new Carry 105 power electric minidumper** (due to be released on the market next spring), **the ideal solution** for all materials handling needs **in enclosed spaces such as** warehouses or greenhouses and particularly suitable for agricultural nurseries and farms. The version on show has an "electric motor" of proven reliability, giving a **travel speed of 2.5 km/h** and which is also "eco-friendly", emitting less pollutants into the working environment and thus protecting the health of the operator. This model is highly **multi-functional**, thanks to a wide range of **accessories**, including a self loading bucket **capable of bearing loads up to 90 kg**. The Carry 105 minidumper is just 69 cm wide and 1.5 metres long (including vessel) and can cope with a maximum gradient of 20% fully laden (heaped vessel capacity 0.22 cubic metres). The basic machine with a petrol engine weighs 280 kg.

**Like the other models in the "Carry" family, the Carry 105 minidumper is highly flexible and intuitive, with a full range of functions, designed to respond to specific materials handling needs in confined spaces** or for mixing small quantities of concrete for agricultural or market garden use. Despite its compact size, it is an **extremely powerful** machine (with a 6.5 HP 3600 rpm engine) that can play **an essential role on any work site**. A endothermic engine version is also available, guaranteeing lower consumption and greater economy. **One of the main features of IHIMER's Carry 107 HT minidumper, on the other hand, is its versatility.** The new IHIMER minidumper has been developed for adaptability to **any kind of work site, regardless of the type of terrain or the presence of gradients, steps or ramps**. The Carry 107 HT minidumper with high-level unloading is able to unload the bucket exactly where needed, whilst **keeping the machine stable on particularly soft or sloping terrain.**

**Great care has been taken over operator comfort and reducing emissions.** IHIMER's Carry 107 HT minidumper has a Honda 6.6 or 8.2 kW petrol engine (with handcrank or electric starter), but can also be fitted with a Yanmar 7.4 kW Diesel engine (with electric starter), guaranteeing lower consumption and greater autonomy. **These features are all to the benefit of the operator, allowing him/her to work in greater safety and comfort.** The folding **shock-absorbing** footplate is also designed with maximum care in mind for the person operating the machine. Also on show at SAIE 2009 is the new **VXT-VXE** series of mini diggers (replacing the NX-NXT series). As well as changing the name, the manufacturer has also introduced a number of important novelties in terms of technology (new engines) and design (improved comfort).

**The 15NX model thus becomes the "17VXE",** with an increased digging capacity of 2.1/2.3 metres and an operating weight of 1710 kg. The new "17VXE" is ultra-compact, using the technology of higher class machines. **This machine is able to excavate powerfully and quickly in restricted spaces: not only in small building renovation jobs, sewage digging and maintenance and tunnel digging** (where bigger machines are unable to operate), **but also in gardens and nurseries.** **The 14NXT mini excavator now becomes the 15VXT with a digging depth of 2 metres and operating weights of either 1540 kg or 1700 kg, depending on whether the canopy or cabin versions are chosen.** The new model is compact and light, perfect for accessing historic town centres and really confined spaces, not reachable with normal excavators.

**The "16NXT standard arm" model is renamed the 16VXT** (maximum digging depth 2.1 metres and operating weight 1645/1800 kg – canopy/cabin) **whereas the "16NXT long arm" becomes the 17VXT** (maximum digging depth 2.3 metres and operating weight 1750/1860 kg – canopy/cabin). **The new models have a greater maximum dumping height than the previous versions - either 3.3 metres (16VXT) or 3.5 metres (17VXT) - and the maximum digging radius going from 3.7 metres to 3.9 metres.** These mini excavators have a dual travel speed of 2.1-4.1 km/h, giving maximum flexibility and

manoeuverability on work sites (the minimum frontal rotation radius with the arm rotated to the right goes from 1280 to 1322 mm). **The last "renaming" in the series is the 18NXT model, now recoded by IHIMER as the 19VXT.** Ideal for working in restricted, uneven environments, thanks to the extendable undercarriage, extending from 980 to 1300 mm with a dozer blade control, giving great versatility and operating stability: **this machine is at the top of its class (digging depth 2.5 metres and operating weight 1760/1920 kg.). All models (in the VXT and VXE series) have a Yanmar 3TNV70 3-cylinder (854 cc) engine with a power of 10.5 kW.**

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