

## **“IVECO MOTORS AT SAMOTER, VERONA, MAY 4 – 8, 2005”.**

### **IVECO MOTORS READY FOR THE FUTURE**

At the 26th edition of SAMOTER – the International Earth-moving and Construction Machinery Show held every three years – Iveco Motors will present new engines that meet future EU Stage 3A/EPA Tier 3 emission standards.

Iveco Motors, one of the world's leading manufacturers of diesel engines, with over 430,000 units produced in 2004, considers its commitment to the environment a priority and, thanks to resources invested in research and development, has made remarkable progress in the area of reducing gaseous emissions.

The medium and heavy Iveco Motors engine ranges fully respond to the new emission limits by simply adopting an internal EGR (Exhaust Gas Recirculation) system.

So Iveco Motors engines for off-road applications won't use complex systems such as external EGR variable geometry turbos nor will they be forced to adopt electronic control on their current mechanical injection engines.

The technology underlying the internal EGR system also manages to reap all this system's benefits because both engine ranges were launched recently and adopt advanced combustion and injection systems that were developed paying careful attention to plans for more and more stringent emission limits.

Adopting this system leads to many benefits: for instance, the external engine dimensions don't change when compared to those of the current Stage 2/Tier 2 versions.

The mechanical injection medium engine range, derived from current NEF engines, will be offered with unchanged power outputs, with the exception of naturally aspirated engines that will be replaced by light supercharged versions. Thanks to the latest generation common rail injection system, electronically controlled engines will provide significant power increases over the current range. In addition to this, both mechanical injection or common rail versions of all medium range engines will be available with a 1.125 litre engine capacity.

Power output will range from 40 to 175 kW.

The Cursor range engines, 3 six-cylinder in line models with electronically controlled injector-pump injection system, will cover a power output range from 180 to 395 kW.

Another new product to be launched at this edition of SAMOTER is the industrial version of the Vector 8 engine.

This modern engine – an 8V, 20 litre capacity, 4-valve, electronically controlled common rail power unit – develops a peak power output of 640 kW at 2100 rpm.

**IVECO MOTORS WILL BE ON STAND B10 IN PAVILION 8.**

**Product Range complying with EU stage 3A - EPA Tier 3**

**NEF**

Up to 175 kW



**CURSOR**

Up to 395 kW



**VECTOR**

Up to 640 kW



**T E C H N O L O G I C A L   E X C E L L E N C E**