Earthmoving & Construction Machinery: Out of Crisis in Two Years' Time

The earthmoving machinery market can expect the recovery to start in 2016. Progressive resumption is forecast in 2016 on a global scale which will be consolidated in 2017, with total sales of 880,000 units, up by 33 percent compared to estimated results for 2015. There will be a favorable trend over the next two years for the sector in Italy which, following the vertical collapse of 2007 (-72 percent), seeks to close 2017 with 12,400 units, up 44.8 percent over the performance in 2015. These forecasts for the sector were presented by Prometeia through the new SaMoTer-Veronafiere Outlook event organized in collaboration with Prometeia.

Forecasts for the future

The global market for excavators, concrete plant, drilling, crushing and asphalting machinery, cranes and site vehicles is still affected by the vertical collapse (-48 percent) in the two-year period 2008-2009. 2015 was still a tough year of a global scale: in the first nine months of the year, 61,000 earthmoving fewer earth moving machines were sold (-11 percent) compared to the same period in 2014. In terms of macro-areas, growth was only seen in India (60,000 units) and North America (148,000 units). Matters were worsened by the bursting of the Chinese "bubble" (-36 percent) that in 2011 took one third of all international sales and the situation in Russia (-70 percent). Despite the positive development trend for construction activity, Centro Studi Prometeia estimates that the year will close with a loss of 9 percent.

The good news for the sector – again according to the analysis in the SaMoTer-Veronafiere Outlook – will come with the new year and continue in 2017 with a slow re-alignment of growth in the construction field (880,000 units sold; +33 percent over 2015). In addition to mature markets such as North America and Japan, in Europe the main input comes, in order, from the United Kingdom, Germany, France, Italy and Spain. Among emerging countries, India takes first place, followed by Latin America.

As regards Italy, after continued acceleration in the last five quarters, Prometeia estimates a final figure for 2015 of 8,500 new machines sold (+27 percent) which will rise to over 12,000 in 2017 (+44.8 percent compared to 2015). The Samoter-Veronafiere Outlook also analyses the trend in the construction sector. Forecasts for India – one of the most dynamic markets for residential construction and civil engineering alike – suggest it should close 2015 at +5.6 percent of investments, climbing further to +6.9 percent in 2016 and +7.4 percent in 2017. North America is making tentative recovery, with an increase of 5 percent expected for 2016 and also 2017. China over the next two years, on the other hand, should stabilize at an average growth rate of 4 percent, while Latin America will only post positive figures (+4.1 percent) at the end of 2017 and will still suffer from ups and downs: while Brazil and Venezuela are down, the situation in Mexico, Argentina and Colombia is improving.

Estimates for Western Europe are more cautious: +2.2 percent in 2016 and +3 percent in 2017. Going into more detail for the "old continent", Germany in 2016 will be driven by non-residential construction, thanks to a three-year investment plan amounting to 15 billion euros. The United Kingdom, on the other hand, is ready to launch a national infrastructure plan worth 120 billion euros in the two-year period 2016-2017. Moving eastwards, Russia continues its negative performance, with reduced investments in all construction sectors: only as of 2017 will one see the first signs of growth, largely because of the onset of work worth 17 billion euros planned for the 2018 World Cup.

In North Africa and the Middle East, finally, there are business opportunities in Saudi Arabia, the United Arab Emirates (UAE), Egypt and Iran.
On the Italian front, after the still negative closure expected for 2015 (-1.5 percent), positive figures will return in 2016 (+1.2 percent) and 2017 (+2.3 percent). In 2016, the new stability budget will give new impetus to investments in public works thanks to the release of 1 billion euros in the stability pact involving local councils, joined by 500 million euros for school buildings and a further 8 billion euros from the European investment plan for Italy.

Tyler F-Class Vibrating Screen Handles Tough Applications

The Tyler F-Class Vibrating Screen from Haver & Boecker offers the only solution for challenging screening applications requiring minimal vibration transmission during operation. This allows for multiple machine use within the same building or structure without the same reinforcing measures required to house traditional vibrating screens. The F-Class also is ideal for screening situations that require consistent, load independent performance at constant g-force in all operational modes. Featuring a unique and reliable, proven four-bearing technology, the vibrating screen minimizes structural vibration and delivers a consistent stroke, which two-bearing screens cannot provide, and with the right media choice virtually eliminates blinding and pegging. With the ability to handle the toughest applications, the F-Class is designed and built for scalping and classifying ores, minerals, stones, sand and gravel. The vibrating screen features an advanced eccentric shaft design, supported by four high-performance, double spherical roller bearings. The double eccentric shaft creates a constant positive stroke that handles material volume spikes without losing momentum. As the eccentric shaft turns, the screen body is forced to follow the shaft movement. While it travels upward, the counterbalance weights move in the opposite direction and create an equal force to that generated by the body. As a result, the forces cancel each other, allowing a dynamically balanced system that transmits minimal to no vibrations into the structure.

Arab Construction World (ACW)