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ITALIAN BUILDING  
AND CONSTRUCTION

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**N 97. 28<sup>th</sup> Year October 2007**



The 55VX, as the 50VX, is a tail-swing mini-excavator in the 5-10t class, which further extends the company's range of compact machines. Inver's two mini-excavators in the new VX series feature very attractive design and deliver high performance with particular reference to breakout force. Thanks to careful sizing of the hydraulic system, breakout force on the bucket tooth reaches a maximum of 34 kN. This article is for information purposes only.



DRILLING

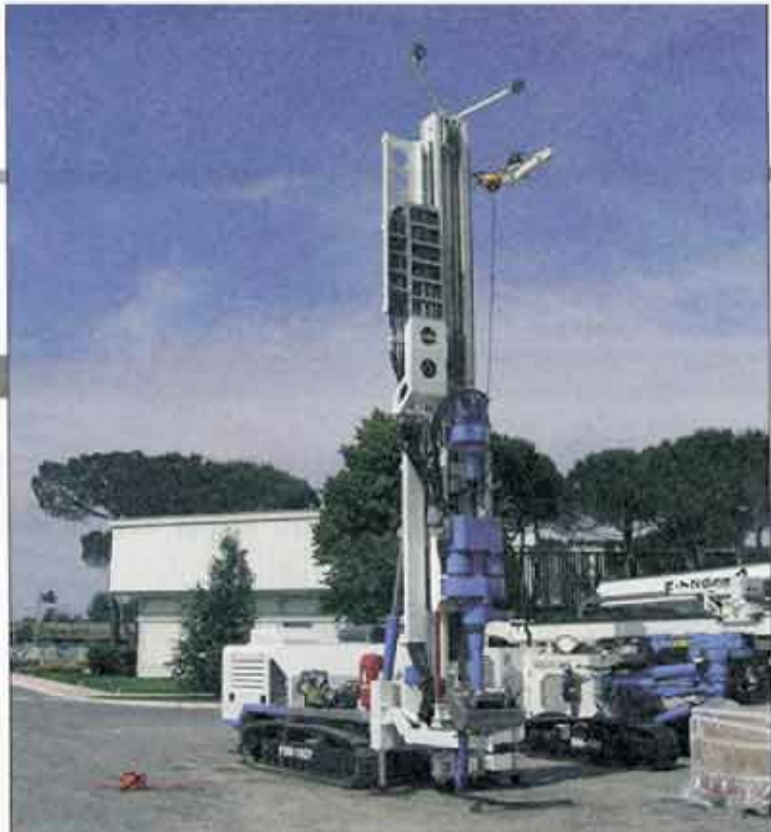
# Part of Trevi Group

**SOILMEC** designs, manufactures and markets drilling and foundation equipment with a range of models that find application in every operating condition. Bridges, viaducts, power stations, dams, docks, motorways, underground systems and railways are just some of the areas in which Soilmec plays a significant role all over the globe. Soilmec has gained an excellent reputation as leading manufacturer thanks to its full commitment to quality, reliability and continuous improvement. Soilmec is a part of Trevi Group, a lead-

ing organization in foundation technologies. The synergy and interaction between engineering and contractor skills result in state-of-the-art and tested equipment. Soilmec is present in more than 70 countries with subsidiaries, agents, dealers and distributors that provide the Clients with technical support as well as after sales service. Soilmec was established in 1969. In the years, Soilmec has been participating with growing success in the international ground engineering industries and thanks to its full commitment to quality, honesty, relia-

bility and continuous improvement, it has gained an excellent reputation in the field as a leading manufacturer for any kind of foundation equipment. Soilmec range includes:

- self erecting hydraulic piling rigs
- crane attachment drilling rigs
- self erecting hydraulic CFA rigs
- diaphragm wall equipment
- heavy duty multipurpose foundation cranes
- micropile, anchoring, jet grouting, soil consolidation, CTJ drilling rigs



- tunnel consolidation equipment
  - jet grouting high pressure pumps
  - job site ancillary equipment and tools.
- Experience, plus an innovative spirit, backed by strategically located facilities around the world, make Soilmec also a truly unique drilling service com-

supply all types of equipment and services. 300 employees are involved in the manufacturing process, with more than 60 sub-suppliers involving more than 500 employees. Soilmec S.p.A. is located in a modern plant extending over an area of 115,000 sq.m., paying particular attention to quality, safety,

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5-10 NOV.  
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Hall 4 - Stand C-51

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**d DIECI**

Dieci has been manufacturing telescopic elevators for more than thirty years for the construction and agricultural sectors. Thanks to a wide range of products, high quality and safety standards, reliability and the assistance service it offers its customers, Dieci has been able to make a name for itself on all global markets. A "made in Italy" leadership that is bound to become even stronger thanks to the research and development policy the company is following.

DIECI S.p.A. Via E. Mattei 2 - 41037 Montebelluna (TV) Italy Tel. +39 0422 849811 Fax +39 0422 849831 E-mail: [marketing@dieci.it](mailto:marketing@dieci.it)

[www.dieci.com](http://www.dieci.com)



pany and one of the most appreciated manufacturers of drilling equipment in the world. Soilmec reputation has always been guaranteed by two main factors: the constant attention to its human resources and the efficient construction of its equipment. The trend for innovation in technologies and new models has always been Soilmec strength. The R&D Department is composed by more than 30 mechanical and civil engineers involved in the development of highly advanced technologies and products thanks to:

- more than 2000 Customers and Trevi using Soilmec equipment and accessories
- the information gathered by the Customers on the productivity of equipment
- the liaison with Trevi which tests the new prototypes directly in the job-sites.

A highly skilled workforce and a wider production capacity grant SOILMEC the potential to

reliability and economy of single operations, Soilmec Quality Policy has a customer satisfaction target. Soilmec assures the highest level of quality in compliance with customer's specifications and company standards in order to maintain a competitive position and continuously improve the products and services. Soilmec Quality Assurance Program is developed to comply with ISO9001 and ISO 14000. Soilmec processes are performed according to internal Quality Manual and procedures. The activities of design, manufacture, installation and service are monitored and controlled. With regards to environment, Soilmec limits the operations of discharge and waste and takes all necessary steps to prevent pollution of the environment.

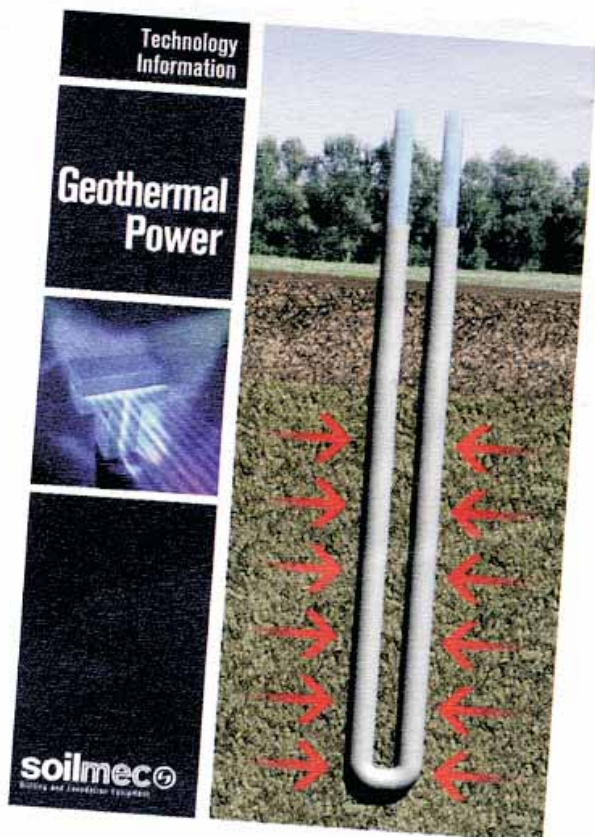
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# ■ Geothermal power

In this case it's not only an innovative and compact drillrig on show, but the concept of the "SOILMEC GEOTHERMAL INTEGRATED SYSTEM". The complexity and the growing demand for geothermal systems has inspired the group to develop an entire range for geothermal work. This includes the new and specific PSM-16GT drillrig, a particularly compact equipment with a rotary double system (and vibratory optional). Torque ratings from 11kN for the upper rotary and 32kN for the lower let you work casings down to a depth of 250 m thanks to the extraction force of 19.5 ton. This machine is joined by the geothermal rack a special crawler loader for geothermal rods and tubes (L= 2000 mm), with an independent motor and a drill string of over 150 m specifically designed for speeding up manoeuvres.



Furthermore, Soilmec presents its vertical coaxial geothermal probe. The new (patented) jointed type probe that can be supplied in various lengths (3 m – 6 m), makes insertion in the bore easier and a bigger annular bore crown improves the heat exchange.

The attention to detail on the system means 30% higher performance.

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