
Telcon's hydraulic excavators — Tunnelling to success

Telcon is one of the leading providers of solutions in the construction equipment industry. Their hydraulic excavators — Tata-Hitachi EX100 and Tata-Hitachi EX70 have been used in the JURL project, underlining their versatility.

Tata-Hitachi EX 100 - Constructive solutions to tunnelwork

Tata-Hitachi EX 100 shovel hydraulic excavator was indigenously developed to provide solutions for rehandling material within the confined areas of a tunnel with adequate digging force. It was developed during the construction of numerous tunnels in the Konkan railway project. Today it is the largest selling shovel in its class having a population of over 100 numbers and has also found its application in other countries.

Now it has been deployed in the JURL rail project and is working round the clock to keep the progress on schedule. Around 10 such machines are working in this project round the clock with various leading contractors and sub-contractors to this project.

As said by Mr Vinay Tanwar, deputy chief engineer, Northern Railway, it has been used extensively in the project and has already completed 10 kms of tunnel completing it in a short span of time, thanks to the highly effective and reliable excavators.

Tata-Hitachi EX 70

The Tata-Hitachi EX 70 hydraulic excavator is powered by the popular Tata 497NA diesel engine now with a bigger bucket capacity and higher digging force for increased productivity.

Being compact in size, the EX 70 with an operating weight of 7220 kg and with increased bucket capacity of 0.10-0.32 m³, can be transported on a tipper, to access and work in otherwise restricted areas. Also it can be fitted with a backfill dozer blade, and has a wide range of attachments for diverse applications.

It enjoys a 95 percent market share in its class with a customer base of over 200 having a growing of over 2500 customers. The success of this mini excavator has been expanding since its inception in 1996.

It is popular amongst for small contractors and hirers because of its affordable price, higher productivity, higher digging force, diverse applications, multitude versatility and easy transportation which can also work in marshy or soft terrain where no wheeled equipment can work as well as confined area because of its 360 degree swing. The mainframe and tractor type undercarriage have been designed for easy transportation on tipper or truck and to reduce transportation time.

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Tata-Hitachi EX 100