

## **Caterpillar Excavators – A must in a construction business**

If you have decided to move into construction business, you also need to ensure that you have the best of the machineries with you. Without which, it would be utter futile to even think about it. Out of the many machines which are a must for constructing a building, the most important one is an Excavator. Excavators are used for many reasons. Right from taking the pile of debris off from a place to levelling the land, it has proven its metal in the sector. A big construction company can afford to have four to five excavators operating at different locations but when it comes to a contractor or a small ticket construction house, its better that they take one on lease. Other than construction, it could also be used for mining, rock cutting, agricultural and industrial purposes.

Being a multifaceted machine, excavators come handy in almost all the sectors. There are many companies who manufacture excavators; however we would be precisely discussing the features and utilities of Caterpillar excavators. With the advent of technological advances, Caterpillar has accordingly made significant progress pertaining to designing new models of excavators and also adding some extra benefits to it. It has recently disclosed its first hybrid excavator which could be used for construction purpose. They have installed hydraulic “hybrid swing system” in the machine which helps to hold the machine’s swing brake energy in accumulators and by accelerating the swing, it discharges the energy. It also has the option to operate without electricity for few hours which is one of the major reasons why caterpillar was able to reduce its rates and make it within the reach of small ticket construction companies.

These new machines are also said to consume less fuel as compared to its predecessors thus making it all the more economical for the end user. After some initial trials, the company firmly believes that with rising cost of fuel in the global market, this machine will certainly payback good returns to the consumers. The consumers on the other hand will find it to be far more beneficial as compared to similar machines produced by other companies. The company would be launching the machines in the year 2013 in Munich. Consumers can begin booking the machine from the month of February and the company shall start shipping them from March.

Perhaps the only demerit of this machine is that due to the quality of diesel available in the Middle East, it may not run as smoothly as it will in other parts of the world and hence it won’t be shipped to that part of the globe.

One of the most recent designs by caterpillars includes “Rail X” which has been specifically designed to make life easy for railway crews. It helps to clean the drain, takes off the bushes/trees that gets close to the tracks and can also reinstate wooden ties. This mammoth excavator can move on and off the tracks in less than 5 minutes and is controlled by a computer fitted in the cabin. It’s said to be a big achievement for the company and anticipates in doing a lot good for the railways.