**Extendable Boom & Arm** for Excavators

We using Excavators for many purposes like digging, trenching, deforestation, loading and etc. In some applications, we need Excavators with short arm, for heavy-duty works. And long arm for long range working areas. But even in latest Excavators there only have a fixed length boom. So, the fixed length boom and arm of an Excavator seems disadvantage due to various applications heavy-duty and long range works at one time.

Problems Found

* Short arm Excavators cannot be use to long range purposes
* Long arm Excavators are difficult to transport in narrow areas
* Long arm Excavators can’t be use for heavy-duty works like Tree stump removing, rock ripping etc.

Solution

Hydraulically Extendable boom and Arm added to the Excavator for heavy-duty purposes and the long range works at the same time.

Advantages due to solution

* Saves time
* Easy to transport



 +