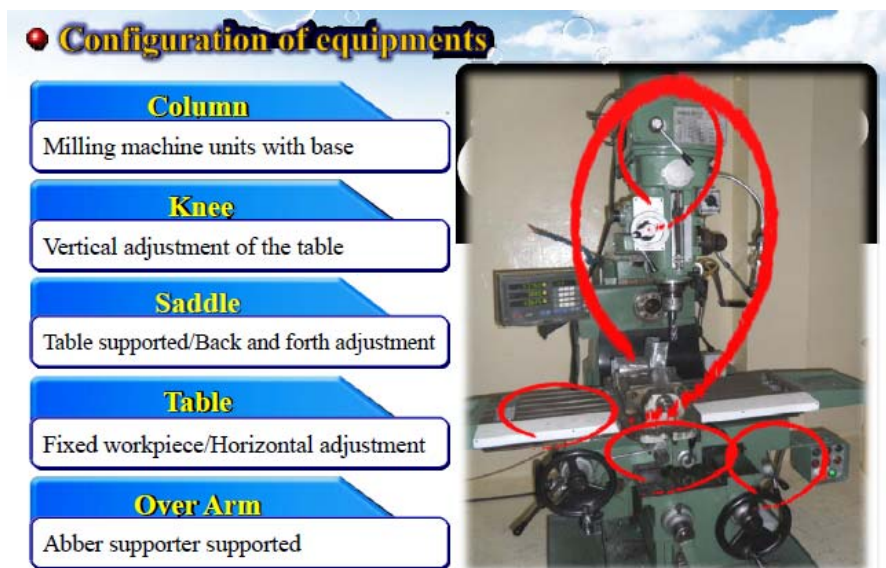


“Summary Decontamination of Metal Radwastes using Machine Tools”
Dae-Seong Jang, Sunkwang Atomic Energy Safety Co., Ltd. (Korea)

Hand tools grinding have several problems such as long time for working, work processes delay due to add sticking, not suitable for long-term operation of large quantities, absence of mechanical equipment for cutting metal surface, and low efficiency and very dangerous for working.

There are needs for technology developments to overcome the limitations of existing methods, to improve the working environment, to reduce the working time, and to reduce costs and perform an efficient process.

The mechanical tool developed to grind and mill metal radwastes is shown below ;



As a result, the following conclusions have been obtained:

- Production of drum was decreased.
- Efficiency and environment ware improved.
- Decontamination process of metal radwastes was standardized.
- It is possible to apply to various types of device.
- Metal hybrid decontamination techniques were used and processing techniques were improved.