

### A3.1 Machines needed

To make the LAZOLA you do not need any industry or skilled workers, but only a few simple machines. All the necessary work is easy to learn for people with hands-on skills.



#### Sheet metal shears and folding bench

For the manufacture of the solar cooker out of galvanized sheet metal, sheet metal shears and a folding bench are essential. They are manually operated without power.

Working on the sheet metal shears (right) and the folding bench (left) in the South African LAZOLA workshop Elnathan.

For the start of a (pilot) project, it would be an advantage to use these machines e.g. in a vocational training center



#### Table circular saw with base

A simple circular saw with approx. 2800 rotations / sec. is sufficient. Important: A cross-fence and fine toothed stainless steel saw blade



#### Jigsaw

A very simple, robust model is completely sufficient. The jigsaw is required for the rough cutting of the wooden parts made of large plywood (at a 90 ° angle).



### **Drilling Machine with separate stand**

The hand drilling machine can be easily removed from the anchoring and used manually.  
The drill stand is very cheap in (German) building stores.



### **Power screwdriver**

Important prerequisite: speed to be controlled by hand