

Description of a "Rack for Ben-Stove" for comfortable operation

The two attached drawings show the assembly and the details of a "Rack for Ben-Stove" made of simple components. It is an Open Source Technology.

The described rack for Ben-Stove (Ben 2 or Ben 3) requires two squares of steel plates with an edge length of 500 mm and 0.75 mm thickness. At the corners, small squares with an edge length of 18 mm are cut off so that strips with a width of 18 mm can be bent on all sides. The result is a rigid shelf (10a) and the upwards bent sides prevent the tripod from slipping off.

Before bending, 4 holes for the threaded bolts are drilled. After bending, the two shelves of the rack can be screwed together with the threaded bolts (10b) with 16 nuts M6 (10c), as shown in the drawings.

The height of the upper plateau is assumed to be about 30 cm, so that the fire and the pot or the pan can be well served sitting on a chair. But other heights may be preferred by the cooks. If only one low shelf is desired, it is possible to use M8-bolts as legs, which are screwed to the floor with washers. This is a cheaper design, because one shelf is omitted, but the operation may be less comfortable.

