

A method of loading material by a curved auxiliary rocker arm (4) on a mining machine, and a mining machine having a curved auxiliary rocker arm (4) capable of loading material. A material-loading mining machine comprises a master rocker arm (3) and a curved auxiliary rocker arm (4). The auxiliary rocker arm (4) comprises a box-supporting section (4.1) and a material removal and loading box-supporting section (4.2). The auxiliary rocker arm (4) curves downward. The bottom end of the curved portion of said arm is proximate to the bottom position of a reciprocating impact power box (2) when said box comes into contact with the ground. An auxiliary rocker arm material-loading member (5) is provided on the material removal and loading box-supporting section (4.2), said member (5) being disposed along an articulated end of the reciprocating impact power box (2) when the material removal and loading box-supporting section (4.2) comes into contact with the ground. Driven by the mining machine, when the material removal and loading box-supporting section (4.2) comes into contact with the ground, the auxiliary rocker arm material-loading member (5) pushes fallen material collected by the mining machine to a conveyor, allowing for excellent material-loading effects for the impact-type mining machine, improving the adaptability of said machine, and reducing the amount of manual labor required.