

# UZ 18 HardWorker + 3D Manipulator set



Silent operation



3D adaptive system



**3** BEVELERS  
IN ONE

3D adaptive system compensates for the unevenness of the floor and enables positioning of the machine according to the situation at the workplace.



Rotary mechanism allows for performing both-side beveling without any need for material handling.

Height adjustment of the machine position.

Quick-fastening machine system quick-connect

Art. Nr. 1983 (3 Phase - 400 V)  
Art. Nr. 1984 (3 Phase - 480 V)  
Art. Nr. 1985 (3 Phase - 220 V)





The UZ 18 Hardworker is one of the most powerful beveling machines with the automatic feed in the market. Suitable both for workshop installation and assembly works. It is equipped with the continuous working angle adjustment system. Thanks to the special design of the drive system, the UZ 18 Hardworker is also suitable for tougher materials. The machine is equipped with the automatic feed. Therefore, working with UZ 18 Hardworker is very comfortable.

Unique MANIPULATOR 3D - unique design of the manipulator offers the possibility of a simple turning of the beveling machine by 180° for performing the X, K double-sided bevel. No tools required to rotate. No need for material handling = significant time savings. The quick-connect system offers the option to connect and disconnect the UZ 18 Hardworker from the 3D Manipulator within seconds without the use of any tools. You will appreciate this in a situation where the 3D Manipulator cannot follow the machine due to the poor quality of the working floor. The machine is then able to travel along the material itself. The 3D manipulator system allows for the machine to adapt its working position to the actual workplace situation. The UZ 18 Hardworker “floats” on a machined sheet metal and compensates for any floor unevenness or material deformation. The 3D manipulator also ensures convenient transport of the machine at the workplace. The lifting mechanism allows for easy adjustment of the working height of the machine. Large castors guarantee comfortable overcoming of obstacles and unevenness. Optional working with or without 3D Manipulator. The option to use the 3D Manipulator as a fixed workstation for small work pieces machining or as a UZ 18 Hardworker Service Holder.

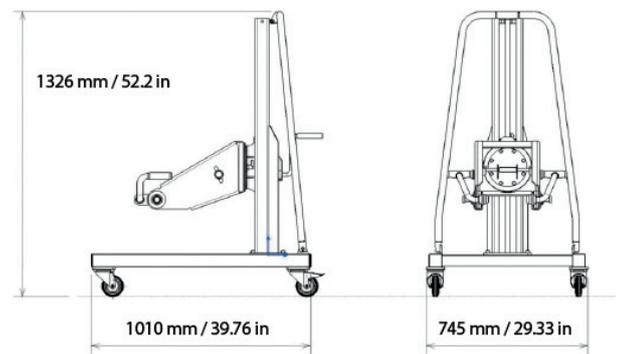
- The manipulator enables a quick and easy turning of the UZ 18 Hardworker by 180° to form the X- or K- shaped double-sided bevel. An operator does not need a crane to rotate the material - significant time savings at work.
- A unique clamping system allows the UZ 18 Hardworker to be clamped and then removed from the manipulator within a few seconds without the use of tools.
- The UZ 18 Hardworker “floats” in 3D MANIPULATOR and compensates for floor unevenness.
- 3D MANIPULATOR enables easy handling of the machine.
- The required height of the machine can be adjusted using the lifting device.
- The movement is provided by massive wheels mounted on the manipulator.
- Optional beveling using the Manipulator 3D or without it.
- Optional use of the Manipulator 3D as a stationary station.
- Optional use of the Manipulator 3D as a service station for the maintenance of the UZ 18 Hardworker.

**Technical data:**

Weight of the whole set: 204 kg / 449.7 lb  
 Dimensions: 1010 x 745 x 1326 mm  
 39.76 x 29.33 x 52.2 in

**Included in price:**

Beveling system UZ 18 HARDWORKER including the 3D MANIPULATOR  
 Wooden transport box  
 Set of operator tools  
 Instruction manual



**Name of machine:**

**Art. Nr.**

Beveling system UZ 18 HARDWORKER including the 3D MANIPULATOR (3 Phase - 400 V)	1983
Beveling system UZ 18 HARDWORKER including the 3D MANIPULATOR (3 Phase - 480 V)	1984
Beveling system UZ 18 HARDWORKER including the 3D MANIPULATOR (3 Phase - 220 V)	1985

