



...ASK FOR SOLUTION ...

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# NEW Triumph UZ 50 - we left the competition behind

BUSINESS CONDITIONS – AGENT NKO MACHINES

## BEVELER Triumph UZ 50 MANIPULATOR 3D ACCESSORIES



## NEW UNIQUE DOUBLE SIDED BEVELER 3 BEVELERS IN ONE

further information and video click to [www.beveler.eu](http://www.beveler.eu)

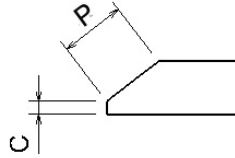
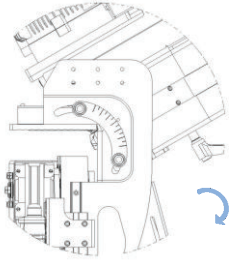
## Technical description:


- **The beveler Triumph UZ 50 – very efficient, unique double sided beveling machine for steel, stainless steel and aluminium.**
- automatic feeding, automatic feed speed adjustment with inverter, 0 -1,2m/min
- high speed milling head with very resistant inserts, max. width of bevel 62mm/15°, 50mm/45°
- 15-60° infinitely variable angle, without replacing any parts
- Material thickness 7 – 70 (60) mm
- the electric circuit is enclosed in a dust proof box and is equipped with all the safety devices necessary.
- CE conformity declaration
  
- **unique MANIPULATOR 3D** – manipulator provides a simple quick turn UZ50 of 180° to create double sided bevel X K. The operator does not need a crane to rotate the material. There is a significant saving of work time.
- the unique clamping system allows the machine Triumph UZ 50 to be assembled and disassembled (Quick System) within a few seconds without using any tools
- the beveler Triumph UZ 50 is "floating" on MANIPULATOR 3D and compensates the unevenness of the floor or the deformations of the steel plate.
- MANIPULATOR 3D allows the easy manipulation with beveler
- the required height of the machine can be set up by MANIPULATOR 3D by lift handle
- the movement of the machine is provided by massive wheels mounted on the carriage
- the possibility to bevel with MANIPULATOR 3D or without
- the possibility to use the MANIPULATOR 3D like a stationary station
  
- **EQUIPMENT for bevelling small flat steel**
- Equipment is intended for use with the machine Triumph UZ50
- With the equipment is machine Triumph UZ50 possible use for processing small workpieces
- The machine Triumph UZ50 maintains a continuously adjust the bevel angle between 15°- 60°
  
- **Active Smart Protection for your Triumph against overloading.**
- The System ASP actively measures the loading of your machine during continuous and demanding operation.
- The System ASP constantly monitors the working dimensions of the UZ50 machine, the condition of its cutting inserts, the loading of its drive engine and the overall settings of the machine.
- In the event that an operator uses the UZ50 incorrectly- the machine will say STOP!!!
- How does it work?  
Should the ASP system recognise overloading, it will immediately inform the machine operator by flashing two white pilot lamps on its remote control panel. This indicates that the operator has 20 seconds to correct the settings of the machine. After the 20 second period the System ASP will automatically switch off the UZ50 machine to prevent any mechanical damage to its parts.
- Prior to use, we strongly recommend checking the accuracy of the machine's settings, the condition of the inserts and the suitability of the material to be machined.



## Technical data:

Working range Triumph UZ50 + MANIPULATOR 3D:



bevel angle   
15-60° infinitely variable

max. bevel width (P)

15°	62mm (recommended in 3 steps)
20°	62mm (recommended in 4 steps)
25°	56mm (recommended in 4 steps)
30°	52mm (recommended in 5 steps)
35°	51mm (recommended in 5 steps)
40°	51mm (recommended in 5 steps)
45°	50mm (recommended in 5 steps)
50°	51mm (recommended in 5 steps)
55°	51mm (recommended in 5 steps)
60°	52mm (recommended in 5 steps)

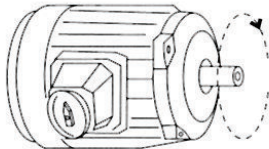
Material specifications:

for bevelling carbon steel, stainless steel and aluminium

thickness of material from 7 to 70mm

minimum dimension of material 200 x 100 x 7 mm, with equipment for bevelling small flat steel

maximum dimension of material unlimited



Engine milling head:

power 4 000 W/400V/3phases/50Hz  
cutting speed 182,92m/min, milling head 85 mm  
with 5 inserts

Engine automatic feeding:

2X engine, power 120W/400V/3phases/50Hz  
automatic feed speed adjustment with inverter  
0-1,2m/min, adjustment depends on cutting  
conditions

Machine weight, Triumph UZ 50 + MANIPULATOR 3D:

175 kg

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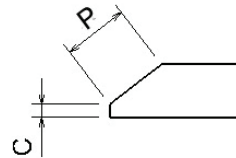
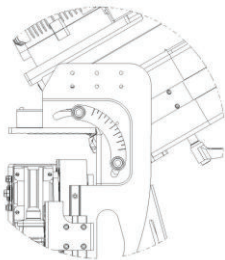
# EQUIPMENT for bevelling small flat steel

## The table mounted on beveler in up side down position



### Technical data:

Table size	700 x 200mm
Working height	914mm
Weight (without machine)	30kg
Smallest possible size workpiece	200 x 100 x 7mm
bevel angle $\alpha$	15-60° infinitely variable



bevel angle   
15-60° infinitely variable

max. bevel width (P)

15°	8mm (recommended in 1 step)
20°	12mm (recommended in 1 step)
25°	15mm (recommended in 2 steps)
30°	17mm (recommended in 2 steps)
35°	18mm (recommended in 2 steps)
40°	19mm (recommended in 3 steps)
45°	20mm (recommended in 3 steps)
50°	20mm (recommended in 3 steps)
55°	20mm (recommended in 3 steps)
60°	20mm (recommended in 2 steps)