

# PPC 250 GMR

Cladding machine (PTA method)

**KEEP  
SURFACE  
KEEN**

**PPC 250 GMR** is suitable for hardfacing of rotary and non rotary parts, on the circumference and on the face. It is also possible to hardface internal diameters from minimum inner diameter of 50 mm.



With hardfacing machine PPC 250 GMR it is also possible to hardface asymmetric shapes.

The machine is fitted with 6 control axes.

The hardfacing machine PPC 250 GMR is suitable to hardface all types of glass moulds but it is also suitable for all other applications with a maximum load of 80 kg.

The hardfacing process is realized in a close (secure) working area and it is also possible to control this process directly through the window, equipped with welding glass.



### Control system

with 15" XVGA touch screen mounted in an airconditionated box fitted with B&R system and our own SW developed in KSK. Programming of the machine is provided in easy dialog or by method teach-in in cooperation with remote control. With all our machines it is possible to control and carry out diagnostics via internet.

### Powder feeder

Providing steady regulated delivery of the powder to the torch. From the feeder the powder delivery is gas assisted. It is also possible to have the feeders calibrated directly from the special program and calibrate feeder in whole spectrum of the feeding. In base configuration is machine fitted only with one feeder but is possible to have on machine two feeders. Load of feeder - 10 kg of powder. Recommended granularity of the powder 50-200  $\mu\text{m}$

### Feed range of torch

In four axes realised digital servomotors

- X-right-left ..... 600 mm
- Y-forward-backward..... 300 mm
- Z-up-down..... 500 mm
- N-tilting of the torch... 40°

Oscillation it is possible to use in width up to 200 mm in X as well as in Y and also between two spots in the space in helped with synchronous movement of all participated axes.

### Torch

According shape of hardfacing parts and type of powder.

We produce 7 types of torches developed in KSK.

Torch and anode are cooled in optimal temperature.

### Positioner

In 2 axes realised digital servomotors:  
R-tilting, C-rotation  
Diameter of the face plate - 300 mm  
Load weight of positioner up to 80 kg.

Dimensions (W x L x H): .....2.570 x 2.010 x 2.240 mm

Weight: .....1.110 kg

