

PPC 250 PTM

**KEEP
SURFACE
KEEN**

Cladding machine (PTA method)

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



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

The machine is fitted with 5 control axes.

The hardfacing machine PPC 250 PTM is suitable for the engineering, energy and the mining industry, and also for all other applications with maximum load of 1000kg.

Control system

With 15" XVGA touch screen mounted in an airconditionated box and second 5,7" QVGA touch screen mounted in operator panel closer to the positioner with B&R system and our own SW developed by KSK.

Programing of the machine is provided in easy dialog or by method tech-in in cooperation with operator panel and 6" touch screen.

With all our machines it is possible to control and carry out diagnostics via internet.

Powder feeder

Providing steady regulated delivery of powder to the torch.

From the feeder the powder delivery is gas assisted.

It is also possible to have the feeders calibrated directly from a special program and calibrate feeder in whole spectrum of feeding.

In base configuration the machine is fitted with only one feeder but it's possible to have an additional feeder fitted. Load of feeder - 10 kg of powder
Recommended granularity of the powder 50-200 μ m

Feed range of torch

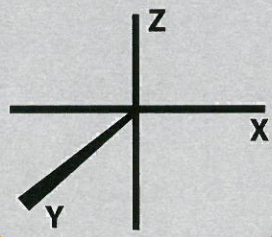
In three axes realised digital servo motors

X-right-left..... 1650 mm

Y-forward-backward... 480 mm

Z-up-down..... 670 mm

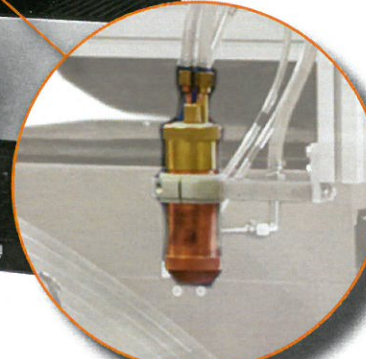
Oscillation, it is possible to use within width of up to 200mm in X as well as in Y and also between two spots in space. By synchronising movement of all participating axes



Torch

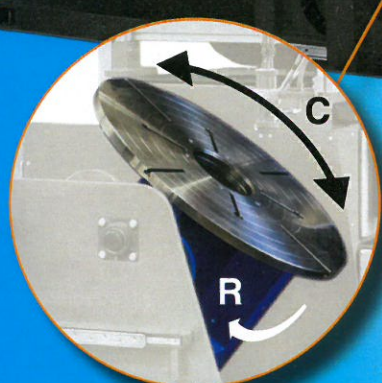
According to the shape of hardfacing parts and type of powder. We produce 7 types of torch developed by KSK.

Torch and anode are cooled in at optimal temperature.



Supporting roller

During hardfacing of long parts in horizontal position it is possible to fit the machine with a removable supporting roller.



Positioner

In 2 axes realised by digital servo motors:

R-tilting, C-rotating

Diameter of the face plate - 600 (800) mm

Load weight of positioner up to 1000 kg.

Dimensions (W x L x H): 3.500 x 2.010 x 2.860 mm

Weight: 2.100 kg

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