

MACHINES FOR CERAMICS



VSM

The Dutch company VSM Nieuwkoop is specialised in high-tech machines for pressing and spraying ceramic products. Thanks to more than 30 years of experience in developing innovative machines, based on modular designs, we are able to find a suitable solution of any specific production problem in the field of ceramic manufacturing. VSM is renowned for its outstanding after-sales practice.

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SPRAYING MACHINES

Various combinations are possible with our Coat-A-Flex or commercial robot spraying systems, multispray round tables in 6 diameters, 6 types of spraying booths, automatic spraying guns and many options, e.g. product handling units and robots (loading, unloading, turning upside down), pre-heaters, dryers, extraction units, cleaning booths for product ware carriers, vacuum spindles etc.



SPRAYING GLAZE ON POROUS CERAMICS

Spraying on earthenware, stoneware and porcelain in one or two colours. Both static spraying and robotic spraying are used here. As well as dipping a colour outside, before or after spraying the inside.

SPRAYING GLAZE ON VITREOUS CERAMICS

For bone-china. A pre-heater and a dryer are used here, either infrared or hot air type.

COLOUR STAIN SPRAYING ON READY WHITE WARE

Mostly robotic spraying, equipped with a pre-heater, dryer and a washing booth for the ware carriers (product supports).



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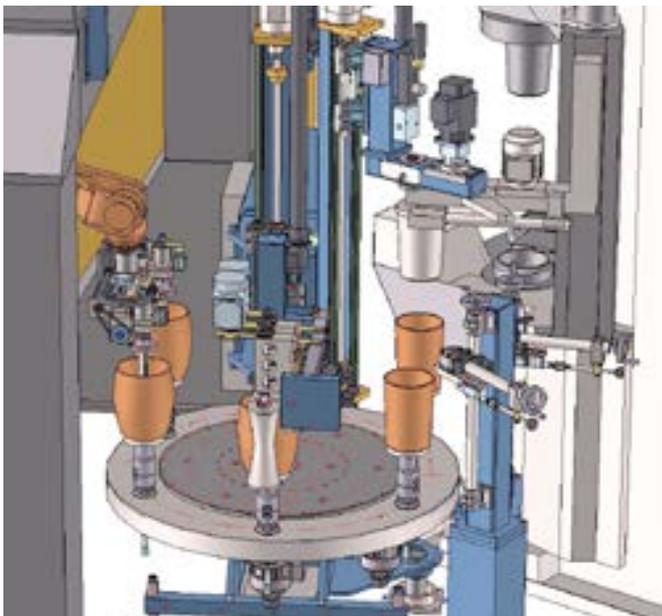
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NIEUWKOOP

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PRESSING MACHINES

VSM Nieuwkoop designs and builds advanced CNC presses for the production of Earthen- or Stone-ware Ceramic round products with steel moulds and use of releasing-agent oil. Because of the modular construction of the press one can choose the exact configuration necessary to integrate the press into an (existing) production line. Or stand alone automation. The high production capacity combined with high quality output, user-friendly and safe operation, has proven a valuable asset to many of our clients in the ball-clay industry. All machines are servomotor driven for maximum speed and energy saving.

TYPES

CNC-3-Takt	up to 50 mm round products
FLEX Press	up to 270 mm round products
Potter Press	up to 450 mm round products
Potter 650	up to 550 mm round products
XO Press	up to 280 mm square products
+ various re-shaping units	

