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## **WPROWADZENIE NOWEJ LINII TECHNOLOGICZNEJ W PRZETWÓRSTWIE STALI**

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## **ANALYZED BY THE INTRODUCTION OF A NEW TECHNOLOGICAL LINE IN STEEL PROCESING**

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Słowa kluczowe: produkcja, stal

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Production means the process of the manufacture of goods for sale. The modern production includes both zone material and non-material. Development of material production and services depends primarily on the production of material goods, its technical equipment and size. Production management means planning, organizing, directing and controlling the production activities. The main task of production management is processing raw materials into finished products. ' 'Jednym of the most important issues to be decided in the manufacturing industry is currently building and creation of production systems with greater flexibility, enabling faster response to changes in audience expectations, market conditions, etc. " Machining is working ubytkową, which by the removal of excess material in the form of chips objects given is the required shape, dimensions, and geometric structure of the surface. It is performed in machine tools using appropriate tools. Hard action tool on the material causes the separation of the chip and in this way the surface of the object. In order to enhance the durability of tools at work apply liquids lubricating-cooling. Eco-ING this is company-commercial utilities. The company has introduced a new line of technological processing of steel. Machine Voortman manufacturer V613 is equipped with one vertical and two horizontal boring heads, so that holes can be drilled in both shelves and inside the profile. On V613M the profile positioning exclusively takes place via the feed rollers, integrated with the machine. The advantages of such solutions is a high speed positioning, no initial length of the workpiece and easy integration with an existing production line. The introduction of new technological lines resulted in a profit for the company. Previously some machining processes were done manually, resulting in long waiting time for the required result. The machine has resulted in shortening the waiting time, the faster the desire to process the order and to achieve a certain purpose.