



 BUILDING THE FUTURE TOGETHER
KIP AND EMCO PROMOTE TECHNICAL EDUCATION IN TANZANIA



Practice-oriented training for tomorrow's skilled workers:
50 EMCO machine tools support
Arusha Technical College in Tanzania in
training young technicians.



50 EMCO machine tools for training in Tanzania

KIP International Projects GmbH is renovating the Arusha Technical College in Tanzania in two stages. To date, 48 EMCO turning and milling machines have been used there to provide students with the best possible training. Soon there will be 50 machine tools from the Hallein-based manufacturer.

One of the most important tasks of education policy worldwide is the further development of the vocational and higher education system. All reputable institutions in this field strive to invest extensively in capacity building and in equipping their workshops. After all, only high-quality training can attract large numbers of students.

Seven years ago, KIP International Projects GmbH therefore began renovating the Arusha Technical College in Tanzania so that the country's need for technical personnel could be better met. Arusha is located in the north-east of the country. Together with the Ministry of Education, Science and Technology in Tanzania, an action plan was drawn up to establish a long-term strategy for technical vocational training in accordance with government regulations, guidelines and objectives. Phase one of the project has already been completed, while phase two is currently being implemented. Of course, it is also important that students are able to work on suitable machines during their training. In order to be able to carry out a good and in-depth train-the-trainer programme and to impart practical knowledge to students, 48 machine tools from EMCO were delivered to Tanzania, among other things. 'These are conventional turning and milling machines, as well as CNC-controlled turning and milling machines, which we purchased from EMCO and delivered to Tanzania. In phase two, two more machine tools will be added,' explains Robert Neubauer, Managing Director of KIP International Projects.



Mag. Robert Neubauer heads KIP International Projects GmbH and is committed to practical technical training worldwide.



Students can gain many hours of practical experience on EMCO machine tools.

TWO MORE EMCO MACHINE TOOLS

KIP International Projects GmbH emerged from the original project department for international training projects at EMCO GmbH. 'This collaboration, which brings together different areas of expertise, resources and skills, has developed as a result of our shared history and reliable partnership. Almost all KIP employees gained their first export experience as employees at EMCO,' says Robert Neubauer, CEO of KIP. The 48 EMCO machine tools were put into operation in Tanzania back in 2018. Since then, it has been possible for students to be trained on site and gain practical experience. Now, a conventional and a CNC-controlled turning and milling machine from EMCO are being added. These are an EMCOMAT 14D and an EMCOMAT E-200MC. The former is a conventional lathe designed for heavy-duty professional continuous use. The EMCOMAT 14D offers all the technical features that characterise a modern industrial turning machine with lead and feed spindles. It is a further development of the globally successful and well-known EMCO MAXIMAT SUPER 11 CD. The machine is used wherever complex shapes, spare parts, models or small series need to be produced. The main features of the EMCOMAT E-200 MC are a powerful teach-in system, linear guides, high cutting performance, robust heavy-duty design, maximum accuracy and universal applicability at an excellent price-performance ratio. Phase two of the project is expected to be completed in mid-May 2027.



EMCOMAT E-200 MC – Universal tool turning machine with cycle control



48 machine tools from EMCO are in use at „Arusha Technical College“ in Tanzania. Two more turning and milling machines will be added soon.

SUCCESSFUL GRADUATES

The technical college continues to develop splendidly. Thanks to the use of KIP, there is now more space and capacity. In addition, the building has a functional design and is a modern metal construction at the cutting edge of technology. In 2024, 50 students were enrolled in the Mechanical Engineering Department of Arusha Technical College and trained by up to 28 teachers. 46 of the students have already completed this training.

The following EMCO machines are used in Tanzania:

- Phase one:
/ EMCO Concept TURN 105
/ EMCO Concept MILL 105
/ EMCOMAT FB-600 MC
/ EMCOMAT-17D
/ EMCOMAT-14D
/ EMCOMAT FB-3

- In phase two, the following machine tools will be added:
/ 1 x EMCOMAT 14D
/ 1 x EMCOMAT E-200MC



EMCOMAT 14 D – The EMCOMAT series includes universal lathes with toolroom precision for industrial applications



The Salzburg-based machine manufacturer EMCO is one of the leading machine tool manufacturers in Europe. EMCO currently employs around 800 people at a total of four production sites in Austria and Italy. The key to the success of this internationally active family-owned company is its expertise and experience gained from more than 75 years of machine tool manufacturing. Today, EMCO stands for the best individual, automated complete solutions for both turning and milling.

For more information, visit www.emco-world.com.



Arusha Technical College (ATC) in the heart of Arusha, Tanzania, was founded in 1978 as a collaboration between the Tanzanian and German governments. Today it is one of East Africa's leading educational institutions in the field of technical training. With practical programmes in mechatronics, electrical engineering, mechanical engineering, construction and computer science, the college offers a sound education at diploma and bachelor's level. As a state-accredited institution, ATC pursues the vision of becoming a centre of excellence for technical education in the region. Practice-oriented teaching, combined with research and consulting, forms the basis for an education that optimally prepares students for the demands of the labour market. Integrity, diversity and quality are at the heart of the educational mission.

Further information is available at www.atc.ac.tz

beyond standard /

EMCO GmbH / Salzburger Str. 80 / 5400 Hallein-Taxach / Austria / T +43 6245 891-0 / info.at@emco-world.com

www.emco-world.com