COMPUTATIONS AND MANUFACTURE OF CAM MECHANISMS

VÚTS, a.s., has been engaged in the calculation and manufacture of cam mechanisms for more than thirty years. During this time, a scientific workplace, the Mathematics and Physics Department, has profiled itself on the performance of thousands of computations in this field of technical mechanics.

The range and diversity of tasks called for creating its own unique computer system that integrates design, kinematic and dynamic analysis and synthesis, production on CNC machines and evaluating the measurements of made cams.

Thanks to its perfectly mastered final technological operation of cam grinding, proven in tens of thousands of produced pieces of radial and axial cams, VÚTS, a.s., has achieved outstanding success in the progressive influencing of the dynamic properties of new machines. These successes are documented in a number of excellent world-famous textile machines.