

# User Interface KN<sup>grind</sup>

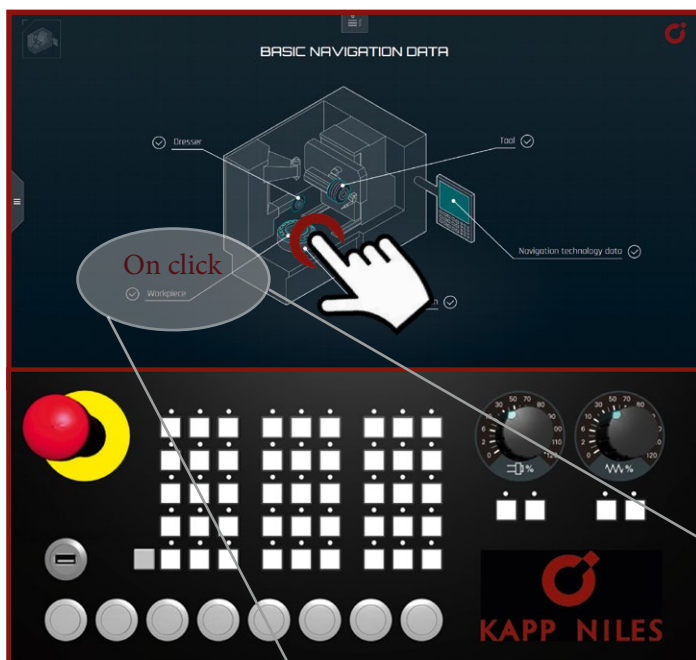


## KAPP NILES

### Innovative user- and machine-oriented navigation

The KN<sup>grind</sup> user interface features an intuitive user guidance navigation system. The operator panel provides a reality-based graphic representation of the machine and its components in an attractive and modern design.

The new KN machine generation is operated via touch-screen technology and is supplemented by a KAPP NILES specific user machine control panel.

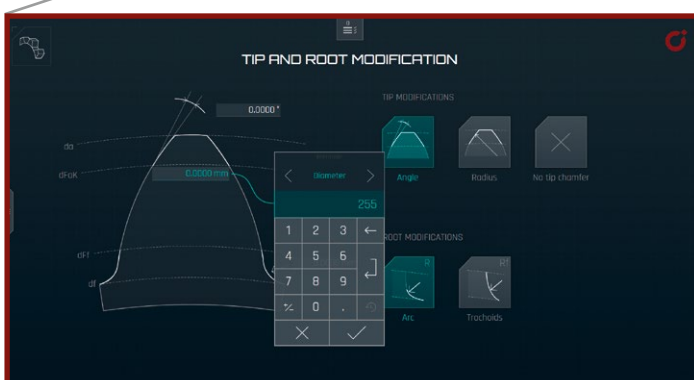


The project-related configuration, in analogy to the set-up of the machine, enables an easy and fast operation for the user. All required machining options and technologies are combined in one workpiece project. The user can select the gear type and the suitable tools from the component set. Selected components can be moved easily via drag & drop.

Upon touch or double-tapping the screen, fields are activated or operating areas are selected. After activation of a data field, a screen keyboard appears to enter alphanumeric characters. In special menus, individual values up to complete technology options are offered to the user.



**User guidance occurs successively to record the specific project data for workpiece, tool and dresser as well as the technology data for grinding, dressing and measuring.**



The selected options and technologies are then combined in the sequence control to accomplish a highly efficient machining cycle. Fine-adjustment of the individual machining steps is possible in the sequence control. The current machining process is represented while the user can influence the associated process sequences. For quality assurance, the results of the integrated gear measurement are assessed and displayed.