Claims

1. A method for operating a double-sided processing machine, in particular a double-sided polishing machine, which comprises a top working disk (10) and a bottom working disk (12) which can be rotated relative to each other by means of a rotary drive and between which a working gap (14) for processing flat workpieces is formed, wherein before a processing step for processing workpieces, at least the working disks (10, 12) are heated to an operating temperature by means of a heating apparatus (30) in a heating step, and the working disks (10, 12) are rotated in the same direction of rotation by means of the rotary drive during the heating step.

2. The method according to claim 1, characterized in that a heated heating liquid is conducted into the working gap (14) in the heating step.

3. The method according to claim 2, characterized in that the heating liquid is conducted into the working gap (14) through supply openings (23) for a slurry.

4. The method according to any of the preceding claims, characterized in that the working disks (10, 12) can be held during the heating step by spacers between the working disks (10, 12) or by locking a mount of the top and/or the bottom working disk (10, 12) at a defined distance from each other.

5. The method according to any of the preceding claims, characterized in that heated heating liquid can be conducted in the heating step through tempering channels (30) designed in the top working disk (10) and/or in the bottom working disk (12).

6. The method according to any of the preceding claims, characterized in that at least the working disks (10, 12) can be heated to an operating temperature in the

heating step by means of an electrical heating apparatus (30), in particular at least one electrical heating mat (30).

7. The method according to any of the preceding claims, characterized in that the temperature of the top working disk (10) and/or the bottom working disk (12) is measured during the heating step, and that the heating step is terminated after the operating temperature has been reached.

8. A double-sided processing machine, in particular a double-sided polishing machine, comprising a top working disk (10) and a bottom working disk (12), between which a working gap (14) for processing flat workpieces is formed, and comprising a rotary drive with which the top working disk (10) and the bottom working disk (12) can be rotated relative to each other, wherein a heating apparatus (30) is provided for heating at least the working disks (10, 12) to an operating temperature in a heating step before a processing step for processing workpieces, and the working disks (10, 12) are rotatable in the same direction of rotation by means of the rotary drive during the heating step.

9. The double-sided processing machine according to claim 8, characterized in that it comprises a control apparatus configured to perform the heating step according to any of claims 1 to 7.