CLAIMS

1. A Hatschek machine for the manufacture of fibre cement sheets, comprising at least three rotatable sieve cylinders which are suitable for rotating in a bath, filled with fibre cement slurry, wherein liquid flows from the slurry through the sieve, and wherein a thin layer of fibre cement remains on the sieve, characterized by the presence of at least two baths, at least two sieve cylinders are rotatably mounted in one and the same bath, and each bath has a separate feed line to supply fibre cement slurry into the bath.

2. The Hatschek machine according to claim 1, wherein the machine comprises an even number of rotatable sieve cylinders N and N/2 baths, wherein in each case two rotatable sieve cylinders are mounted in one and the same bath.

3. The Hatschek machine according to claim 2, wherein N is equal to 4.

4. The Hatschek machine according to claim 1, wherein the machine comprises an odd number of rotatable sieve cylinders N+1 and (N/2)+1 baths, wherein for N rotatable sieve cylinders in each case two rotatable sieve cylinders are mounted in one and the same bath, and one rotatable sieve cylinder is mounted only in one bath.

5. The Hatschek machine according to claim 4, wherein N is equal to 2 or 4.

6. The Hatschek machine according to any one of the preceding claims, wherein the machine further comprises a decanter unit.

7. The Hatschek machine according to any one of the preceding claims, wherein the machine further comprises a premixing unit, which is intended for producing cement slurry that is to be fed to the baths, in which each of the baths may obtain fibre cement slurry directly from said premixing unit.

8. The Hatschek machine according to claim 7, wherein the premixing unit comprises a mixing container, which is intended for mixing different flows of material, and which comprises a filter machine for filtering out coarse solids components from the material flows or the formed mixture.

9. The Hatschek machine according to any one of claims 6 to 8, wherein each bath has an overflow, and a means for at least partially conveying the overflowing liquid to the decanter unit.

10. The Hatschek machine according to claim 9 wherein the overflowing liquid is at least partially conveyed to the premixing unit.

11. The Hatschek machine according to any one of claims 6 to 10, wherein the machine has a means for conveying the liquid which has passed through the sieves, at least partly to the decanter unit.

12. The Hatschek machine according to claim 11, wherein the liquid, which has passed through the sieves, is conveyed at least partly to the premixing unit.

13. The Hatschek machine according to any one of the preceding claims, wherein each bath is provided with a liquid level meter.

14. The Hatschek machine according to claim 13, wherein the liquid level meter comprises a bubble pipe.

15. The use of a Hatschek machine according to any one of the preceding claims for the manufacture of fibre cement sheets.