

**97-0233**

The invention relates to buckwheat processing and may be used on the mini-enterprises for buckwheat production.

The process comprises sorting of buckwheat grains, fractionating and consequently processing of the fractions consisting in the hydrometric processing, shelling, final separation of buckwheat and other components from the unshelled grains, turn the unshelled grains to the reshelling, aspirated hull and dust elimination. The process is characterized in that after hydrometric processing the buckwheat is subjected to the calibration at dividing thereof in two parts. One of them is turned to the present fraction shelling and the other one having lesser dimensions is turned to the further fraction shelling.

The device comprising a sorting section, fractionating section, fractions storing tank, hydrometric processing means shelling machine, finally division section, aspiration system and means for feeding the grains to the sowing is characterized in that complementary contains grains calibration section after hydrometric processing, all three sections are joined into one unit having a common drive, by that, fractions storing tanks, hydrometric processing means, shelling machine and grains feeding means for sawing are located outside around the sowing sections unit near the functional sections.

The technical result consists in improving the buckwheat grade calibration.