

NATIONAL MFG. CO.

Lincoln, Nebr.



Operation Briefs:

As the pictures illustrate, the mixing bowl is brought into place, or dropped in the clear, by a quick and easy swing of the handle and lever.

At the down position horizontal lever "L" is pressed to the right to tip the bowl forward for dough removal; Hand screw "HS" is turned to the left three turns to release the bowl for removal and washing.

Maintenance of this rugged unit consists of re-lubricating the ways once in a while with any light oil, a few drops of the same into the wick oilers of the motor, and checking of the No. 80 SAE oil level twice a year in the mixing head and the speed reducer, both to approximately half full.

100-200 Gram Mixer

The "Complete" mixer for "pup" doughs with the Timken Bearing mixing head.

The National "Complete" 100-200 gram dough mixer illustrated above in three positions, features the SWANSON MIXING SYSTEM. Observe the twin planetary "forks" which stretch the dough over the two pins in the bowl as well as working it against the outside wall of the bowl. Fast and thorough, the Swanson type mixers remain popular with those who use them. Hundreds of our 100-200 gram Mixers are performing daily in Baking Labs throughout the World.

Construction Details

Rugged and powerful, the National "Complete" 100-200 gram Mixer is powered by a 1/3 HP Capacitor type motor which drives a speed reducer, which in turn drives the mixing head through horizontal vee belt drive. Adjustment is provided for maintaining proper belt tightness.

The planetary type mixing head is machined from solid Duralumin bar stock; with shaft and gears all running in a bath of oil. Timken bearings are used throughout and automotive type oil seals prevent leakage of oil.

The cartridge which holds bowl is a heavy cast aluminum member brushed with bronze to slide with ease on the ground and polished stainless steel vertical ways. All mixing pins are of stainless steel.

The built-in timer has a 15-minute dial and is used as an on off and switch as well as timer. The 2-way switch constitutes a disconnect switch. Weight of the Mixer complete is 60 lbs. Table space is 12" x 16" with height of 22".