



Alat Pengemas Benih *Seed Packaging Tool*

Balai Besar Pengembangan Mekanisasi Pertanian
*Indonesian Center for Agricultural Engineering
Research and Development*

Pengolahan benih di tingkat penangkar skala kecil terkendala oleh tidak tersedianya alat dan mesin (alsin) untuk prosesi benih seperti mesin pengering, pembersih (*cleaning*), penimbang, dan pengemas (*packaging*). Oleh karena itu diperlukan alsin pascapanen dan pengolahan benih yang tepat guna untuk menghasilkan benih yang bermutu baik dengan kapasitas produksi sesuai kebutuhan penangkar benih.

Alat pengemas (*sealer*) benih ini berfungsi menutup dan merekatkan (*sealing*) kantong kemasan benih yang telah diisi gabah dan ditimbang sesuai dengan ukuran bobot kemasan.

Spesifikasi mesin:

- | | | | |
|----------------------|---|------------------------|---|
| - Dimensi | : (440 x 250 x 1.360) mm | (1) Dimensions | : (440 x 250 x 1,360) mm, |
| - Sistem pengemasan | : elektrik sealer dan pedal injak | (2) Packaging system | : electric sealer and pedal stomp, |
| - Daya listrik | : 300 watt | (3) Power | : 300 watts, |
| - Kapasitas | : 80-100 pcs/jam
(tergantung operator) | (4) Capacity | : 80-100 peaces/hour
(depend on the operator), |
| -Bobot kemasan benih | : 5 kg/kemasan | (5) Weight of the seed | : 5 kg/package |

The small scale of seed production is constrained by the unavailability of equipment and machinery such as dryers, cleaners, scale, and packaging unit. Therefore, a small scale seed processing unit is required to produce good quality seed and maintain a stable seed production capacity.

The seed packaging has function to seal the bag which has been filled with seed and weighed in accordance with the weight of the packaging.

Seed packaging specifications :