



Kimseed Australia Pty Ltd ABN 39 600 271 047
3 / 61 Buckingham Drive, Wangara 6065,
Western Australia.
Tel: +61- 8- 9409 2244 Email: machinery@kimseed.com.au
<http://www.kimseed.com.au>

Kimseed Vacuum Harvester Platform or Trailer Mount

This portable machine has been developed to collect **burrs, seeds or pods** from a variety of plant types either off the ground or directly from the plant. Proven successful collection of such diverse plant types as: Clover; Medic; Saltbush; Bluebush; Acacias; and various seed grasses. Seed is collected through a **100 mm suction hose**, which gently deposits seed into a 200L Drum.

FEATURES:

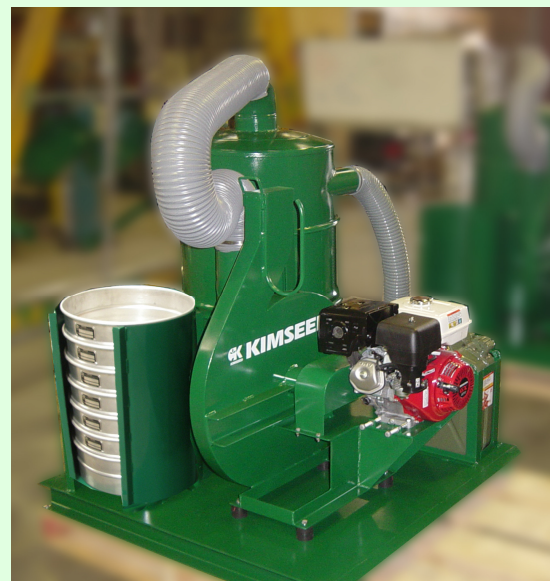
- 9 H.P. Petrol Motor
- Robust construction
- Power suction action collects ripened seed directly from the shrub.
- 1 x open top 200 Litre drum with lid & sealing locking band
- Portable cyclone attaches to drum.
- 20-L plastic fuel can in lockup compartment.
- Kimseed aluminium sieves in a set of 6 for pre-cleaning on site (includes base pan).

Optional Extras:

- Extra drums
- Extra sieves
- Available as a Trailer Mounted unit

SPECIFICATIONS:

- Capacity of 1 x 200 litre drum.
- Motor: 9 H.P. Petrol 4 stroke.
- Suction House: Dia. 100 mm x up to 10 m.
- Weight: Full - 450 kg approximately.
Empty - 300 kg approximately



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Start-up Procedure:

1) Connect all hoses to correct inlets and outlets



(1) (2) (3)



2) Turn fuel lever(1) to the ON position and move choke lever(2) towards the machine body. Once the engine starts return choke lever back to the off position and increase the engine speed using the accelerator lever(3).

3) Turn emergency stop switch to the ON position.



The Vacuum Harvester is now ready for operation by simply pulling the starting rope.

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Harvesting:

The Unit comes supplied with 10 metres of clear plastic 100mm hose, to connect between the drum and the suction tube. A clear hose ensures ease in detecting any blockages. The hose stretches or collapses depending the distance to the harvester.

Hints & Procedures

- ◆ Harvester may be used without nozzle.
- ◆ Greater harvesting efficiency is achieved by placing nozzle as close as possible to target species and/or giving the plant a bit of a shake.
- ◆ Periodically check to ensure the seed drum is not overfilled.
- ◆ Check Oil and Fuel in the motor daily.
- ◆ Do not over rev engine. We recommended a constant engine speed of 2000 rpm for maximum harvest efficiency (approx 2/3 setting on accelerator lever).



Fuel Can Supplied

The suction tube with handle

Detail of flexible/collapsible 100 mm hose pipe.



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On-Site Operation:



Example1. Libyan Revegetation Project site harvesting Medic seed



Example2. Murray Valley Catchment Management Authority harvesting Acacia seeds

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