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Kimseed Grain Cleaner Model Scr-Sca 40



Australian Native
Seed Specialists

Seed & Revegetation
Equipment

Engineering Design
& Fabrication

Forestry
Management

International Environmental
Consultants

Celebrating 35 years of sustainable land management

KS 2005



Kimseed Grain Cleaner Model Scr-Sca 40



View From Left



View From Right



View of Petrol Engine



View of Cleaning Screens

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Technical Specifications

Cleaning Steps/Stages	Scalper and 4 Screens
Screens Used	Primary , Secondary and Scalping
Storage Compartment Capacity	115 Bags
Seconds Storage Bin	70 Bags
Capacity (Maximum)	40 Tonnes (depending on grain and quality)
Feeding onto Screening Barrels	8" Dia Auger
Screening Area per Barrel	3.3 sq/meters
Scalping Area per Barrel	1.65 sq/meters
Total Screening Area	13.2 sq/meters
Total Scalping Area	6.6 sq/meters

**Machine Powered by a 27 hp Kohler Petrol Motor driving Hydraulic Pump which drives Variable Speed Hydraulic Drives on Screens and Augers.
Cleaner can be towed using a Heavy 4 Wheel Drive vehicle or Tractor.**

Operation

The auger transfers the grain from the storage bin onto the screening barrels. The seconds screens remove small grain allowing the remainder of the grain to be transferred to the scalping screens.

The grain size required falls through the scalping screen into the Clean Grain Hopper. The larger particles being Straw and chaff continue on and fall out at the end of the screen.

Clean grain is then discharged through the auger onto a storage vessel or bags.



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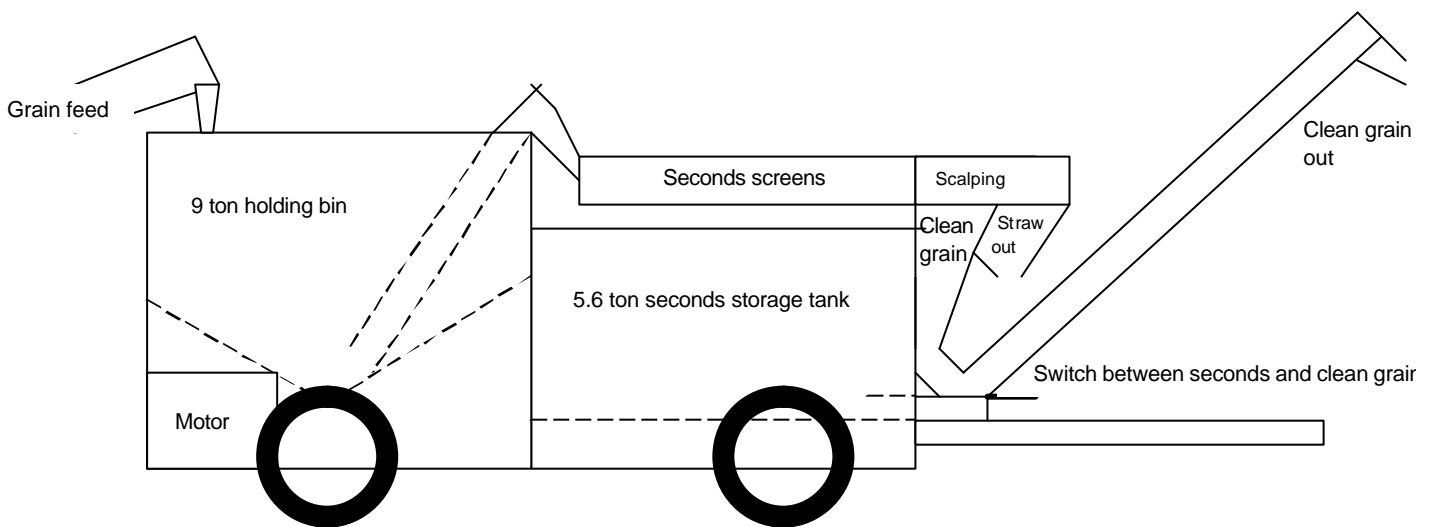
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Flow diagram



40 tons per hour milling grade