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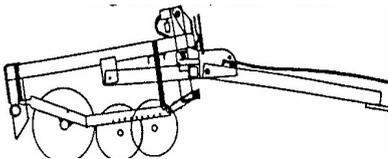
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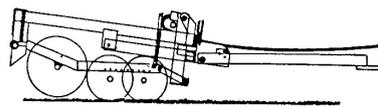
Aitchison A&M No Till Drill



Minimum penetration Drill with
all the weight on the press



Maximum penetration Drill with all
the weight on the coulters



The business end of the No Till Drill is
the heavy duty disc and tine opener,
followed by the cast pressing wheel.

The **KIMSEED** Aitchison No – Till Drill offers unparalleled **versatility** to tackle every sowing situation whether it be **no-till, trash seeding** over stubble or into **conventionally cultivated soils**. High, built-in weight, provided by cast press wheels prevents bounce, and ground following drag arms position seeds at an **optimum depth**, pressing them firmly into moist but tilled soil for rapid germination and successful seeding emergence.

The penetration of the discs and hence the seed depth is controlled by adjusting the front depth control hydraulic cylinder. This alters the relationship between the discs and the press wheels. Weight can be transferred from the rollers to the discs and vice-versa. As each drag-arm is separately sprung both front and back, each unit is able to follow ground contours independently. As the drill is drawn forward, the incline disc opens a slit and the seed tube coulter acts like a tine to prepare a tilth into which the seeds are placed. The press wheels then consolidate the soil to ensure good seed soil contact and moisture retention.

Australian Native
Seed Specialists

Seed & Revegetation
Equipment

Engineering Design
& Fabrication

Forestry
Management

International Environmental
Consultants

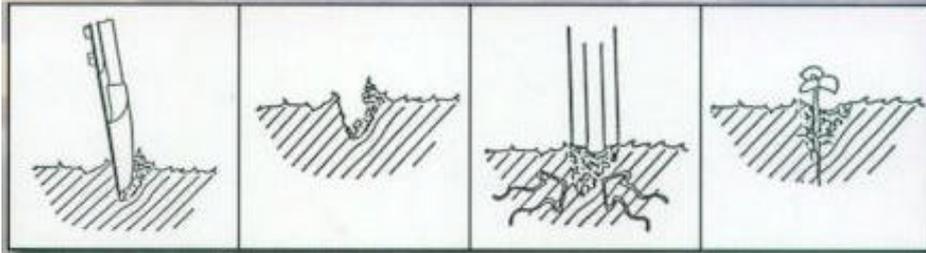
Celebrating 35 years of sustainable land management

KS 2005



Kimseed Aitchison A&M No Till Drill

Seedbed creation has been proven to be superior for 'setting the seeds'



The seeding boot follows the disc, shunting loosened soil sideways.

Seed & fertiliser are placed at a consistent depth in the base of the slot

Cast presswheel folds back over seed, while drawing moisture from surrounding soil

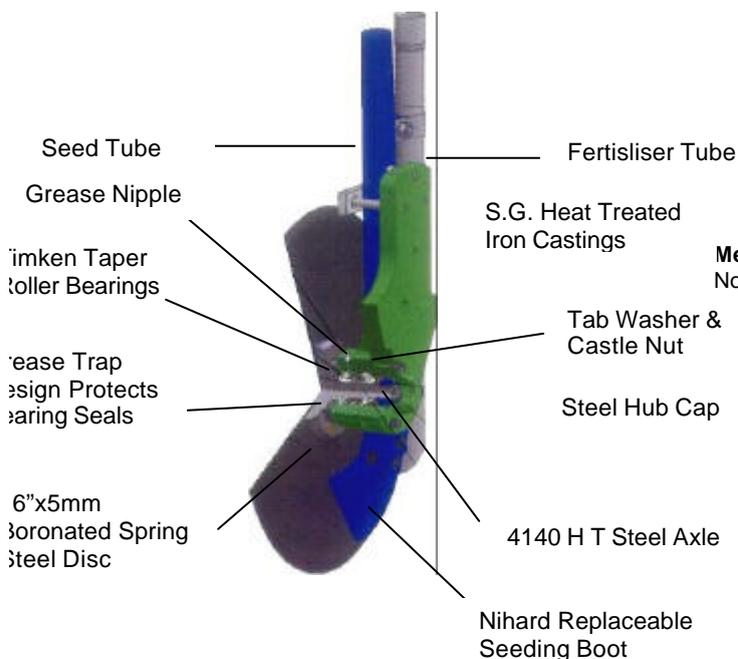
A tilled seedbed for better seed-to-soil contact, resulting in improved germination & faster emergence.

Seeds are placed at the right depth every time

FEATURES

- Patented Sponge Feeding Sowing Mechanism
- Electro-Hydraulic Depth Control
- Hillside Stabiliser Wheels
- Metering Wheel Brake
- Sows Efficiently in ALL Ground Conditions
- Towing Hitch
- Removable Treadboards
- Electronic Hectameter

Improved Engineering Features



Metering Wheel Brake
No run-ons. Stops seeding at end of run



Double Roller Fertiliser System
Handles all fertiliser and seeds



Electro Hydraulic
Depth setting from the tractor



Hillside Stabiliser Wheels
Ensures even sowing depth

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Kimseed Aitchison A&M No Till Drill

Patented Sponge Feed Sowing Mechanism

There is not a seed that cannot be sown with **KIMSEED** Aitchison's amazing sponge system. Now proven over many thousands of hectares, in many countries, this mechanism will sow with uncanny accuracy, ALL seeds large or small. There is no chance of crackage to seed, it is unaffected by vibration, it is inexpensive to replace and easy to clean. The function is so simple. The rotating sponge embeds the seeds which are then pulled down and shouldered against a concentric groove in the seeder casting. Seeds are fed out in a continuous flow.



TECHNICAL SPECIFICATIONS

Row Width	133mm (5 ¼")		166mm (6 ¼")	
Model	MD 1824	MD 223	MD 183	MD 224
	18 Row	22 Row	18 Row	24 Row
Width Overall	2.5m	3.0m	3.0m	4.0m
Height Overall	1.75m	1.75m	1.75m	1.75m
Length Overall	4.4m	4.4m	4.4m	4.4m
Weight Empty	2234kg	2580kg	2334kg	2870kg
Seed Hopper Capacity	13.8 Bu	16.9 Bu	16.9 Bu	22.3 Bu
Fertiliser Hopper Capacity	504 L	616 L	616 L	815 L
No of Discs	18	22	18	24
Tyres	10.0/75 x 15.3	400/60 x 15.5	400/600 x 15.5	400/60 x 15.5
	10 Ply	14 Ply	14 Ply	14 Ply

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