



**ALSTRONG**

**SOIL & GRASS  
REJUVENATION  
EQUIPMENT**



***Bringing Land To Life***

# WHY AERATE?

For a soil to be productive it needs to have a good balance of the basic soil elements - minerals, air, water and organic matter. Soil compaction does not allow this balance to exist.

The three main causes of soil compaction are:

Equipment Traffic • Livestock Traffic • Rainfall

## BENEFITS OF AERATION

- **Increased tolerance to drought.**
- **Aeration can release the equivalent of 50KGs of Nitrogen per Hectare.**
- **Increases earthworm activity in the soil.**
- **Unlock iron in the soil and help wash it out.**
- **Reduced expenditure on NPK.**
- **Surface drainage is greatly improved with faster absorption of slurry and Winter rainfall.**
- **Nutrients get to the roots faster.**



# ALSTRONG AERATOR



The Alstrong range of aerators are designed not only to aerate the top layer of grassland but thanks to their unique blade design and weight they have the ability to shatter the hard pan up to 30cm (12") deep without any soil disturbance or disruption to grazing systems.

The blade design offers greater soil penetration, mechanically altering the physical structure of the soil, leading to better grass growth. Due to its unique patented design, the weight is transferred simultaneously to each blade as it enters the soil. Combined with a working speed of up to 20kph, this in turn shocks and fractures the soil structure up to 30cm (12") deep.

The Alstrong aerator may also be used as a seedbed preparation tool when used on ploughed lands and can be fitted with an optional broadcast seeder to establish certain crops such as rape seed.



## ALSTRONG AERATOR 840T

(Pictured Above)

- 2.5m working width.
- Minimum horsepower required: 80Kw (110hp)
- 2.7 tonnes dry weight.
- 5.0 tonnes with water ballast.
- Heavy duty structural steel frame.
- Flotation tyres.
- Soft-ride transport system.
- 15mm hardened steel blades.
- Full LED lighting kit.
- Heavy duty, low maintenance bearings.

## ALSTRONG AERATOR 940T

- 3.0m working width.
- Minimum horsepower required: 108Kw (150hp)
- 3.0 tonnes dry weight,
- 5.5 tonnes with water ballast.
- Heavy duty structural steel frame.
- Flotation tyres.
- Soft-ride transport system.
- 15mm hardened steel blades.
- Full LED lighting kit.
- Heavy duty, low maintenance bearings.

## ALSTRONG AERATOR 940M

- 3.0m working width.
- 3 point linkage floatation system.
- Minimum horsepower required: 130Kw (180hp)



# ALSTRONG *AUCTUS*



Rejuvenate and condition your grass with the Alstrong Auctus. Its unique design allows 5 operations to be completed in one pass.

1. The fully adjustable, individually sprung levelling boards scarify and scratch the surface removing dead material while exposing soil patches for re-seeding.
2. The drum repairs poached soil and surface damage.
3. The blades fitted to the drum aerate the root zone allowing air and water to penetrate faster encouraging growth.
4. Air-seeder applies grass seed/clover in an accurate and even fashion.
5. Two rows of grass harrow tines aid soil to seed contact while stimulating and further conditioning the grass.

## **ALSTRONG AUCTUS**

Grassland Rejuvenator / Overseeder

- 3.0m working width.
- 1.5 tonnes dry weight.
- 2.0 tonnes with water ballast.
- Heavy duty structural steel frame.
- Heavy duty 8mm harrow tines.
- 15mm hardened steel blades.
- 10 individually sprung levelling boards.
- Optional air seeder.
- Floatation on three point linkage allows Auctus to follow uneven contours.







**ALSTRONG**

Watch videos of our machines in action at  
**WWW.ALSTRONG.IE**

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