

## The Atco Royale & Webb 24 (Chain-Driven AB1480)

The Royale's design has stood the test of time, with descendants of it still being made to this day. Its reputation for combining a refined compact design with strong cutting performance make it a very popular choice for cutting medium to large formal gardens.

Webb improved their earlier belt-driven 24" mower by releasing a chain-driven version. This combined the proven merits of the belt-driven Webb 24's with increased build quality and strength

However the following problems arise on machines not reconditioned by us:

Tecumseh Engines, fitted extensively throughout the Royale's forty-years of production are difficult to obtain parts for

We fit Briggs & Stratton engines to our Royals, as standard, because we are able to rebuild them entirely. A reconditioned engine is essential on larger machines to ensure reliability



We fit reconditioned Briggs & Stratton engines we fit to our Royals & Webb 24's

The Royale is fitted with sealed bearings throughout  
We replace all sealed bearings on the mowers we supply

The Royale has a ratchet mechanism combined with its cutting cylinder sprocket, which is crucial to its operation (a worn ratchet prevents the cutting cylinder revolving)



We fit new and unworn ratchet/sprockets, which will last for many decades with basic maintenance

The cutting cylinder sprocket assembly on the Royale is closely inspected on our reconditioned mowers with unworn and new components fitted

The rear-rollers on the Atco Royale and Webb 24 are rubber coated, which can deteriorate and fall off through corrosion and misuse

We supply our mowers with rear-rollers in good condition (with unworn rubber coating)



The condition of the rear-rollers rubber coating (on the Royale and Webb 24) is inspected closely. Replacement roller sections (with undamaged coating) are fitted

The clutches on both mowers wear (due to age) as do related components  
We thoroughly overhaul this crucial assembly, ensuring that the mowers operate correctly, fitting replacement plates, cables, bearings/bushes where appropriate



The clutches fitted to the Webb 24 and Atco Royale respectively

The differential, which allows the two rear-roller sections to operate independently (essential for good manoeuvrability) wears and eventually fails, making the mower unusable

The rear-rollers and differential assembly is completely stripped down, re-lubricating and replacing worn components. Springs in the Atco Royale's differential mechanism break, unless it is lubricated (this is a common problem with many Royales before we rebuild them)



The Atco Royale Spring/ratchet differential and the Webb 24 differential being lubricated

Chains are not tensioned which leads to worn and broken sprockets

We regularly fit new chains to Webb and Atcos, as the old ones become stretched- leading to wear in the mowers' sprockets and irreparable damage



The Webb 24 (left) and Atco Royale (right) chain mechanisms are strong and well made but need to be adjusted regularly and/or replaced when they reach a certain level of wear

The wooden front rollers (fitted to the Webb 24) and the metal front roller (on the Royale) wear due to age; albeit in different ways. This gives difficulties manoeuvring the mowers  
We fit brand new wooden rollers (turned from high quality Ash) to our Webb 24's and change the bearings fitted to the Royale's metal front roller