

# **Chamberlain 1955 - Super 70**

**Australia**

Chassis: 4x2 2WD - Weight: 9700 lbs - 4399 kg

Detroit Diesel 3-71 diesel - 3-cylinder - liquid-cooled - Displacement: 213 ci - 3.5 L - 85hp

Bore/Stroke: 4.25x5.00 inches - 108 x 127 mm - Compression: 16:1 - Rated RPM: 1500

Final drives: bull gear / Belt Pulley - Diameter: 13 inches - Width: 7 inches - RPM: 810

Transmission: 9-speed sliding gear Type: sliding gear - Gears: 9 forward and 3 reverse

## **A bit of history from Vern on the Super 70.**

The Super 70 was made from 1954 - 62. I believe that for the 50s & 60s it was the best tractor ever made for the broad acre farms. They were very popular on farms in the Wylie, Trayning, Dowerin & Koorda districts; quite expensive to buy new (\$6,000), they were advertised as a 'Power House on Wheels' & for the period this was so! Farmers who borrowed the money to get one usually didn't regret doing so, they were an icon of the wheat-belt when farms were getting bigger & the reliability of the 'Jimmy' engine made many farmers what they are today.

They had a 3-cylinder GM 2 stroke diesel engine operating at 1500 revs to keep the horse power down (something to do with tariffs) but as soon as the warranty ran out, farmers had them boosted to 1700 rpm. The scream of the 'Jimmy' engine could be heard for miles especially at night, so if you didn't have a 70 & you were trying to sleep you didn't like them.

Most of the 70s were on dual wheels & were prone to breaking back axles. Some farmers broke a couple every year & Rimmers had special tools made up so they could replace an axle in record time. During seeding they would replace 3 or 4 a week, but this didn't put owners off. I think Peter Woods would have replaced a few axles in his time.

When I went farming by myself in 1976 I bought a second hand 70. It was old, but still reliable & I purchased another 3 years later. When I stopped farming in 1997, I had 4 -70s, 2 in tandem & 2 separate. When loaded they used 3 gallons or more of diesel an hour, but on light load at harvest used one gallon.

Est 1981

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