

Est 1981

WYALKATCHEM
CBH AGRICULTURAL MUSEUM

FOWLER TRACTOR / Crawler

- YEAR: 1955
- MODEL: VF Fowler with W.E. Bray & Co Model V Dozer
- COUNTRY: Fowler & Co – Leeds. England
- ENGINE: 33 - 40HP – 1 Cylinder – Diesel – 12g Shotgun Start
- ITEM NUMBER: 127
- DONATED BY: Mr Henry Watson (Korrelocking).

Based on the Field Marshall single cylinder diesel tractors, the crawlers used Fowlers' track units and proved to be a more affordable machine compared to the American designed models available at the same time.

Each shared the legendary Marshall single cylinder valveless two stroke, full compression ignition diesel engine, which first appeared in 1935 in the Marshall 12-20. In each of the wheeled and crawler versions, the massively rugged engine lay horizontally with the cylinder head facing forward. It featured a 6" x 9" bore and stroke and developed 40 hp at a mere 750 rpm. The transmission in the crawler provided six forward and one reverse gear. The maximum drawbar pull of the four ton tractor was 11,200 lbs at 1.26 mph. Crawler technology offered low compaction characteristics when compared with wheeled tractors and even a horse team. The Fowler VF left a pressure imprint of only six pounds per square inch.

