

# GEARS

*Crofts Gears' renowned gear range is designed and manufactured in South Africa to Croft's high Quality Assurance System. We design and manufacture our gear units for longevity and longstanding serviceability. Gear units are available in various standard and bespoke configurations covering wide ranges of industries. Typical applications include conveyor and mill drives, cooling towers, agitators and mixers, screw feeders, and cranes.*

## WORM GEAR UNITS:

A "Champion Crofts Gears product". Crofts Gears is renowned for our worm gear range. Over the years we have perfected worm tooth form to provide maximum torque capacity and optimum efficiency. Worm gear units are extremely versatile and used in abundance across a large variety of applications, especially where large gear reductions are required.

- Smooth and quiet operation.
- Up to 8 Multi-Start worms for high speed applications.
- High torque applications.
- Hardened and ground worm profile for effective meshing.

### Typical applications:

- Escalators, lifts, hoists, packaging, conveyors, rock crushers, mixers, agitators.

### Universal, W Range and TW Series:

Tried and trusted "workhorse". From small universal units to heavy-duty worm gear units for arduous applications. Single reduction units available from 5:1 to 70:1 and double reduction with ratios up to 4900:1. Available in a wide range of mounting and motorised variants.

- Available as single or double reduction units.
- Horizontal and vertical mounting formats with input power capacity of up to 667kW.
- Output torque from 30Nm to 146kNm ratio dependent.



**Crofts**  
Gears

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