

## PROFI-GRIP RIM FOR >300HP TRACTORS

**GKN Wheels' new Profi-Grip rim has a unique design developed to eliminate tyre to rim slippage problems.**

The growing demand for efficiency in Agriculture is driving the development of tractors and implements to become larger and larger.

To transfer the power from the tractor to the soil, a Central Tyre Inflation System is often used in order to achieve as big a tyre traction area as possible, by lowering the inflation pressure.

The combination of high HP, large implement machinery, heavy loads, tyres with low inflation pressure and dry soil is challenging the tyre to rim interaction.

During the last couple of years there has been an increase in reports of tyre slippage. GKN has developed the new Profi-Grip rim design specifically to solve this problem.

Through extensive tests, both on track and in field, the Profi-Grip rim has proven its design with a zero tyre slippage rate.

All performance criteria comply with at least one of the following regional and international rim and tyre standards - TRA, ETRTO, JATMA and ISO. Extended service life, reliable performance, safer operations and lower maintenance cost can be expected from a GKN Wheel.

### Highlights >

- > Innovative design solution
- > Eliminates risk of tyre slippage
- > Easier fitting of high load capacity tyres
- > Enhanced durability
- > Strong flange design minimizes rim shrinkage
- > Improved contact pressure between the tyre and rim
- > Rim designed according to ETRTO
- > Profi-Grip utilises the Profi-Fit (TW) rim profile:
  - Eliminates problems with mounting of stiff tyres for high loading capacity
  - Allows faster tyre mounting for increased efficiency
  - Allows use of low pressure during tyre inflation which increases safety

