



Technical data

- > **Oppel wheels reversible**
- > **Side slope automatic with slope inclination sensor**
- > **Automatic depth control via feeler wheels, adjustable lead**
- > **EasyLift: automatic single row depth control**
- > **HRO 6 available with 45 cm distance between rows, constant**
- > **HRO 6 available with 50 cm distance between rows, constant**
- > **VHRO 6 available with variable distance between rows 45 cm; 47.5 cm; 48 cm; 50 cm**
- > **Total width depends on the distance between rows:**
 - **50 cm distance between rows: total width: 3.30 m**
 - **45 cm distance between rows: Total width: < 3 m**



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The O in HRO stands for Oppel.

In 1958, the German American Heinz Carl Oppel filed a patent application for a beet harvesting system in Idaho. The basic idea of this technology has remained the same until today, therefore this system is internationally known as Oppel Wheel. The oldest known patent for this technology dates back to 1893. The first HOLMER Oppel wheel lifting unit was developed in 2006.



HRO lifting unit

The new HRO lifting unit achieves optimum harvesting results especially in light, sandy and moist soils. Under these conditions, the HOLMER Oppel wheel lifting unit works more gently than conventional Oppel wheels. The drive power of the HRO lifting unit is 40 % higher than that of other Oppel wheel systems. The speed of the Oppel wheels is controlled depending on the travel speed and the advance is automatically readjusted by the computer. The depth of the individual Oppel wheel pairs is automatically adjusted via the patented HOLMER EasyLift system.

More gentle harvesting for light soils:

- > Guided beet flow through active drive of the Oppel wheels – to prevent the beet body from tipping over in very light soils
- > Optimum lifting of beet roots – for maximum yield
- > Automatic single row depth control HOLMER EasyLift – for optimum lifting results and driver relief
- > Break-proof Oppel wheels made of hardened steel – for maximum longevity and perfect operational safety
- > Cutting properties of the Oppel wheels – for minimum risk of clogging even with weed growth
- > 70 mm lateral mobility of all Oppel wheels – for flexible row adjustment

