

## RobsonDrive - the original.

RobsonDrive's function is to transfer driving force from the drive axle to trailing axle via drive rollers that are moved down hydraulically between the drive wheel and the trailing wheel in the bogie. By doing this you have a 6x2 vehicle with the same properties as a 6x4 vehicle. The vehicle has four-wheel drive which ensures traction through poor road sections.

Using a module structure we can simply produce a RobsonDrive that suits your particular chassis. Simple and quick assembly in combination with all types of construction, with quick-action locking equipment if required. RobsonDrive is an inexpensive and easy option for enabling your chassis to be equipped with four-wheel drive, just when you need it. Naturally, RobsonDrive is CE marked.

- Well-tested and dependable
- Increases vehicle stability
- Four-wheel drive whenever required
- Lighter weight than permanent four-wheel drive
- Lower fuel consumption than permanent four-wheel drive

## Technical data model series R600:

**Type:** R600 without central axle. Adapted for Scania, Volvo and Mercedes. Solutions for other chassis manufacturers are available.

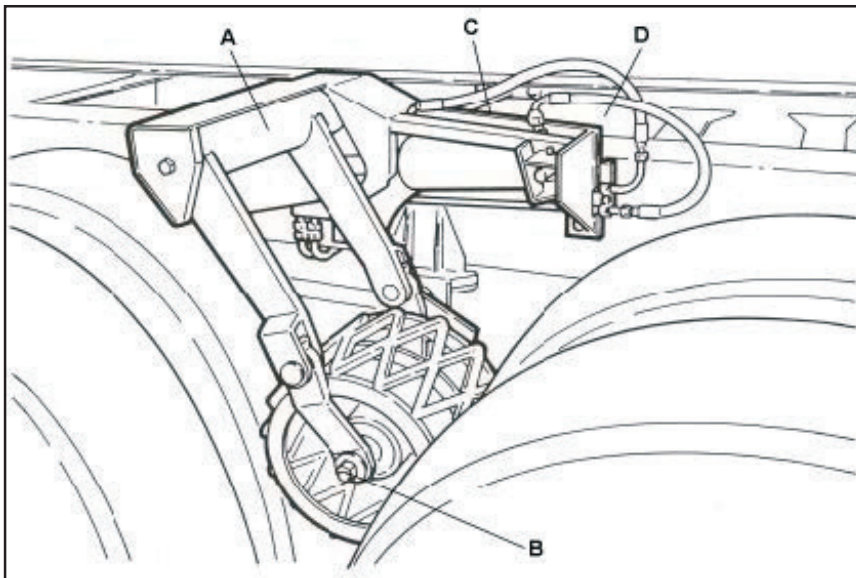
**Roller diameters:** 333, 358, 382, 406 or 430 mm.  
Adapted for truck bogie distance.  
Width 210 mm.

**Function:** Control over truck bogie lifting system.

**Weight Approx:** 215 kg.

## Robson Drive has further developed:

- A new generation adapted for most vehicle makes.
- Uniform basic design for several chassis frame widths.
- Module structure.
- Design without central axle, means no holes in the subframe.
- Quick assembly.
- Back piece used as drill template.
- Robot welded roller with saucer-shape hub.  
No spokes to prevent cleaning.



## MODULE STRUCTURE

**A:** Cylinder unit - 2 types adapted for different chassis heights.

**B:** Drive roller unit - one width but different diameters adapted to varying wheel diameters and bogie distances.

**C:** Back piece- adapted to chassis model, chassis height and chassis frame width.

**D:** Valve kit or hydraulic unit adapted for each type of vehicle.