The PTR-DM is a gearbox-mounted, medium speed, clutch dependent power take-off with a DIN connection for a directly mounted hydraulic pump.

The power take-off is available for manual gearboxes, I-Shift included. It is driven via the gearboxes' intermediate shaft and is mounted on the rear side of the gearbox. Rpm and output are governed by the engine's speed and the gearboxes' gear ratio. Clutch dependent power take-offs can only be used when the vehicle is at a standstill, and they are engaged by a pneumatic system. The power take-off stops when the clutch pedal is depressed, which means that this power take-off can only be used when the vehicle is at a standstill. The power take-off is suitable for applications such as:

- Dumpers
- Container lifters
- Crane-equipped trucks
- Tank trucks

The following product features characterise the PTR-DM:

- Fitted on the rear side of the gearbox and driven via the gearbox intermediate shaft.
- Robustly dimensioned gears, shafts, and bearings offer high operating reliability and a long service life.
- Rpm and output are governed by the engine's speed and the gearboxes' gear ratio.
- Reliable engagement is carried out by a pneumatic system.
- Kraftuttaget passar till manuella växellådor, inklusive I-Shift.

**Engagement/disengagement from the driver's seat**

Engagement and disengagement are done with a conveniently located switch on the instrument panel.

The pneumatic and mechanical design is constructed as follows:

An engaging sleeve (6) connects the connecting shaft (2) to the power take-off input shaft (3). The engaging ring is operated with a selector fork (7) by a compressed-air powered piston (8) in the control cylinder (9). The compressed air for the control cylinder is regulated by a solenoid valve that is engaged and disengaged by a switch on the instrument panel.

**Specification**

- **Designation**: PTR-DM
- **Type**: Clutch dependent, medium speed
- **Location**: Rear section of gearbox
- **Max. output**: Continuous operation 100* kW
- **Max. permitted torque**: 600 Nm
- **Rotation (viewed towards power take-off)**: Anticlockwise
- **Hydraulic pump connection**: DIN 5462/ISO 7653
- **Gear ratios**: Dependent on choice of gearbox
- **See data in power take-off brochure**
- **Weight**: 13 kg

* Gearbox oil cooler is required if used power exceeds 75 kW for more than 15 minutes.