ZF-synchromesh transmissions T-500 series

An unbeatable combination of long life, operational efficiency and easy handling are the remarkable features of the T-500 synchromesh transaxles.

Integrated into the most various tractor concepts for use in orchards and vineyards and for all types of grassland applications, particularly in extreme working conditions, these driveline systems with their manifold variants offer all benefits of a mature and market-proven technology.

The T-500 series is composed of the synchromesh transmissions T-537, T-557 and the versions of the 2-stage Powershift T-537 LS and T-557 LS. The T-557 PS is additionally equipped with Power Shuttle. The wide variance of the series enables perfect customization of the powertrain, matching any vehicle concept which is based on operational efficiency and ruggedness.

The ZF T-500 series offers a fine-tuned gear selection for every-day duty with 8 fully-synchronized forward gears in the main operating range between 4 and 12 km/h.
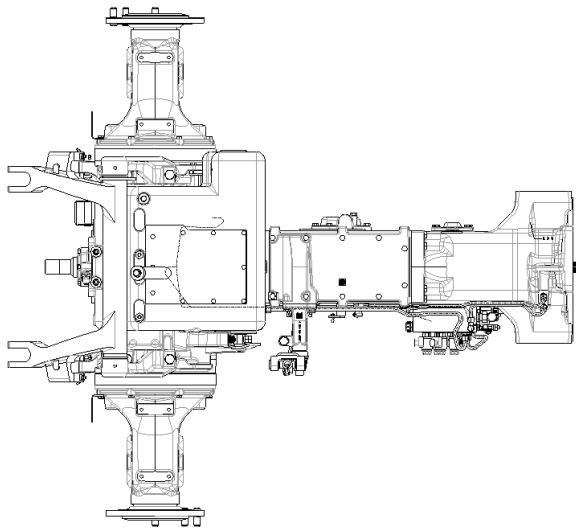
- Power range from 60 to 105 HP

- Complete transaxle (transmission & rear axle)

- Synchromesh or Powershift version optionally available

- Power Shuttle can be optionally included

- 8 fully-synchronized forward gears in the main operating range (4-12 km/h)

- Improved vehicle stability by inline design with low center of gravity
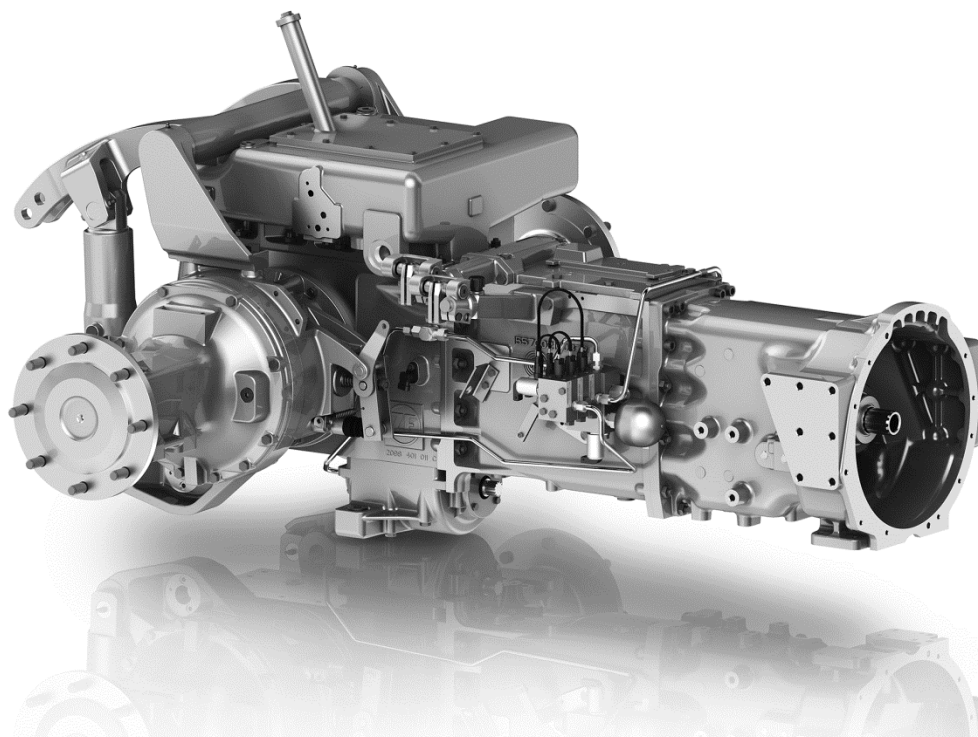
T-557 PS SIDEVIEW
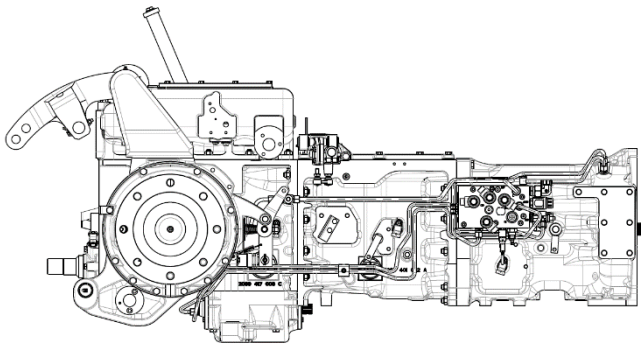
T-557 PS TOPVIEW

Technical Data	T-500			
	T-537	**T-537 LS**	**T-557 LS**	**T-557 PS**
Vehicle Data				
Engine power max [kW/HP] according to ISO 14396	59/80	66/90	75/100	77/105
Input speed [RPM]	2,200	2,200	2,200	2,200
Speed max. [km/h]	40	40	40	40
GVW [kg]	4,500	4,500	7,000	7,500
Rear axle load [N]	30,000	30,000	50,000	50,000
SRI [m]	0,695	0,695	0,795	0,795
ZF Transaxle Data				
transmission input power max. [kW/HP]	51/70	59/80	66/90	70/95
Transmission Input torque max. [Nm]	265	320	370	380
PTO speeds	4	4	4	4
Gears	16V/8R	16V/16R	16V/16R	16V/8R
Powershift gears	-	2	2	2
Power Shuttle	-	-	-	Yes
Weight [kg]	860	880	1100	1120