
345 Agricultural transaxle

Features

- › Designed for tractors bound for the emerging markets.
- › The two-axis design reduces dimensions, leaving ample room for the driver area.
- › The basic version has 8 forward plus 2 reverse speeds and constant mesh “collar shift” gears.
- › The hydraulic lift draft, position and mixed control type, lift capacity 10,000 N, is designed for heavy attachments.
- › The wet oil brakes are ball and ramp type mechanically operated, located aside of differential unit and maintenance free.
- › The transmission is equipped with 100% differential lock controlled by a pedal.
- › The optimal speed distribution between 2.6-30 Km/h allows smooth operation with the different attachments carried on the 3-point hitch or towed.
- › The SAE 4 clutch housing enables to interface a large options of different engines.

Options

- › The fully synchronised 8 forward plus 2 reverse version offers a smooth, progressive gear change with the tractor on the go.
- › The independent PTO at 540 rpm or 540/540E rpm is designed to transmit all the engine power available and is therefore ideal for jobs with balers, rotary cultivators, etc. It also allows for tractor stop during implements use.
- › The factory fitted “Rice paddy” seals enable working also in the such high demanding environments.
- › The facility for mechanical-control 4WD take-off will soon be incorporated, adding further versatility to the transaxle.

Input power max kW (ECE R24)	kW	28
Input rotational speed max	rpm	2000
Input torque max	Nm	167

NUMBER OF GEARS

· Main transmission		4 x 2
· Split/reversing transmission		1F + 1RS
· Total		8F + 2RS

SHIFTING

· Main transmission		Speeds and range collar shift type
· Split transmission		-
· Forward/Reverse Transmission		

Flange to flange distance	mm	1368
Max torque at rear axle	kNm	8.534
Total weight of vehicle max	kN	2.1
Rear axle max allowed tires		13.6R28
Radius index	mm	625
Total weight of transaxle max [including rockshaft and MFWD]	kN	0.48

OPTIONS

1 or 2 Pto speed / Ground drive Pto / MFWD / Syncro speeds / Total speeds 8F + 8R

