

345 Agricultural transaxle

Max input power/speed (HP/rpm)	Gross vehicle weight with max ballast (N)	Max rear tyres size	Engine interface	Main dimensions (mm)					
				A	B	C	D	E	F
47/2000	24000	13.6 R28	SAE 4 10" Clutch	1368	108	152.4	M16 x 1,5	1022	370

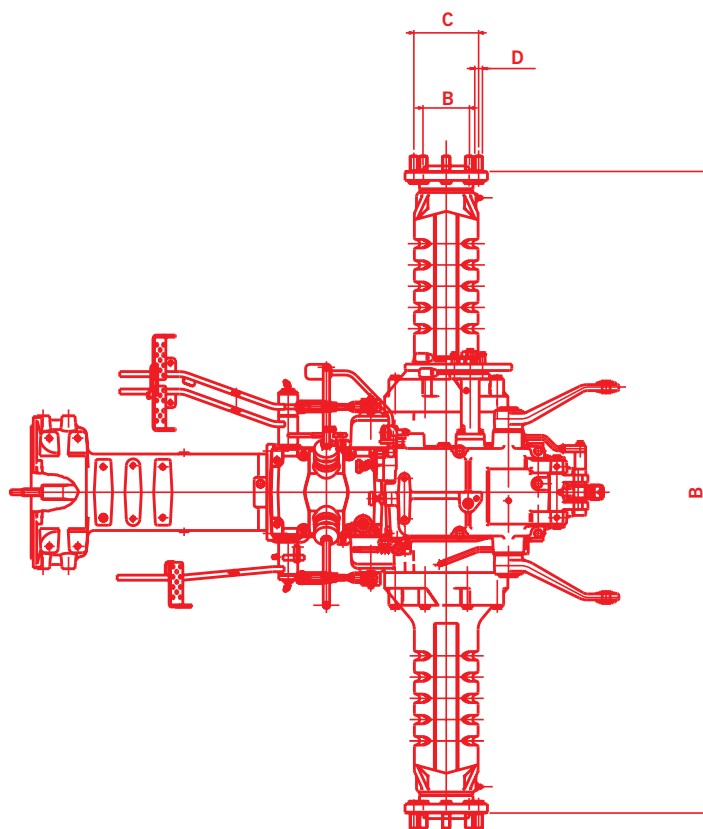
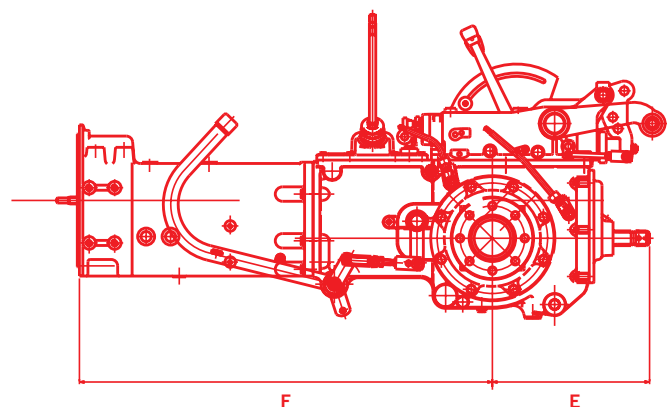
Main specifications

- 8F/2R speeds, constant mesh gears "collar shift"
- 2.6 - 30 Kph speed
- 4 collar shift gearbox
- 2 collar shift ranges
- non ind. 540 rpm or 540/540E rear PTO
- foot pedal operated diff. lock
- wet oil service brakes mechanical actuation
- central top cover gearshift control levers
- in board epicyclic final reduction
- draft & position control top located hydr. lift
- 10,000N lift capacity at lower link balls

Options*

- fully synchro gearbox 8F/2R speeds
- ind. rear PTO 540 rpm or 540/540E rpm
- factory fitted "rice paddy" version
- FWD transfer box for front axle drive
- 8F/8R speeds, synchro reverser

*development in progress



Information are to be considered indicative



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Features

- Application range, with engine outputs of 35-47 HP at a 2000 rpm, specifically designed for tractors bound for the emerging markets and non-demanding tasks.
- The two-axis design substantially reduces dimensions, leaving ample room for the driver area.
- The basic version, with 8 forward plus 2 reverse speeds and constant mesh “collar shift” gears, allows massive cost savings.
- The hydraulic lift draft, position and mixed control type, lift capacity 10,000 N, is designed for large attachments, thereby reducing job performance times.
- The mechanically operated “Ball & Ramp” wet brakes positioned close to the differential act before the reduction unit and are virtually maintenance free.
- The mechanical pedal-controlled differential locking ensures optimal grip even on difficult terrain.
- 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 interfaces with different engine makes and satisfies the need for flexibility and image demanded by the various manufacturers.

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.

