

# 304 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
42/2000	24000	13.6 R28	SAE 4 10" Clutch	1368	108	152.4	M16 x 1,5	1192	200

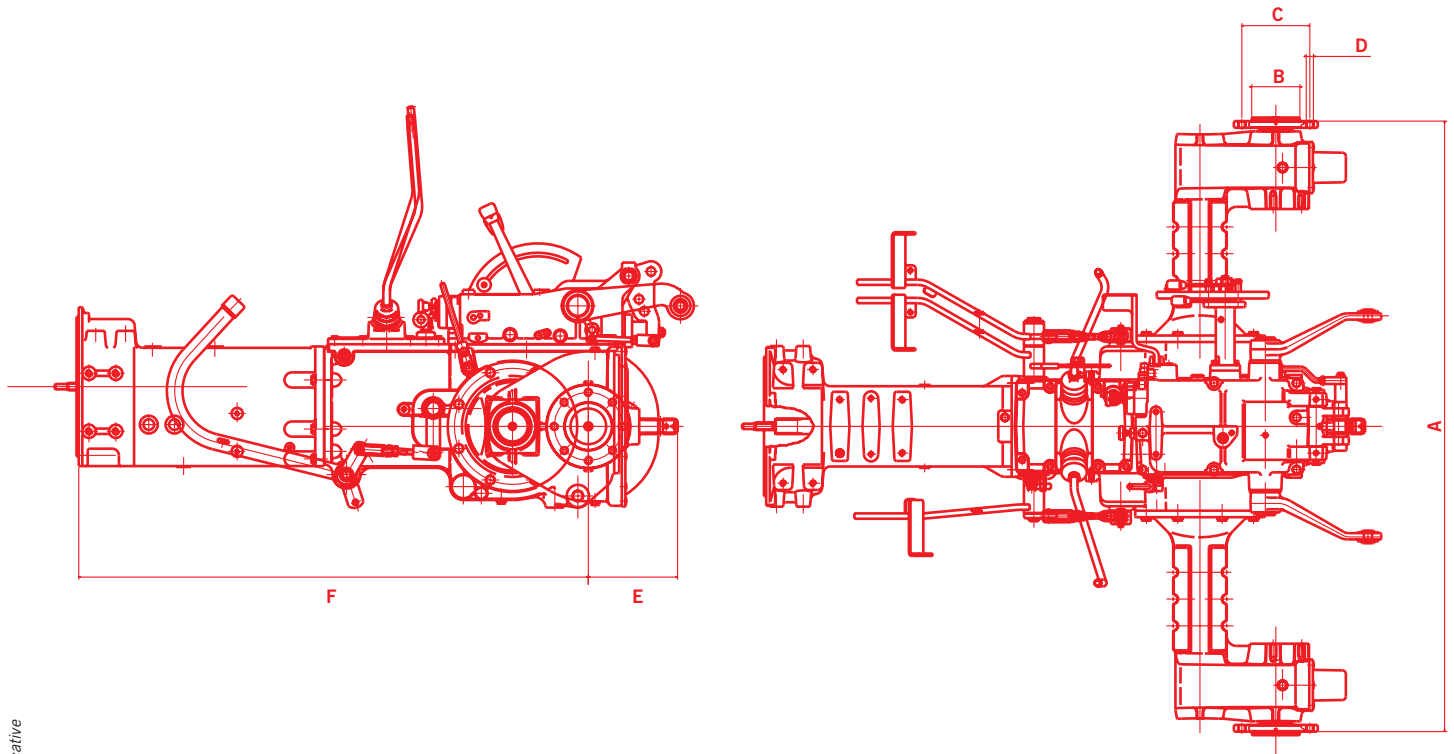
## Main specifications

- 8F/2R speeds, constant mesh gears "collar shift"
- 2.6 - 32 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
- out board bull gear final drive 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 35-42 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 2.6-32 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 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.

