

Performance  
**DURABILITY** ◀  
Reliability

# C90-80hp ◀

2 Wheel drive powershuttle transmission

## SPECIFICATIONS

### FEATURES

- New Design with market leading performance standards
- Minimised, precision helical gear tooth design, maximises contact surface, reduces noise and increases reliability
- 80 Horse Power / 56 kilowatts
- 25% reduction in friction losses provide a 3% fuel saving
- Optimised taper roller bearings increase load capacity
- Fully synchronised, easy shifting between gears for increased productivity
- 2 Wheel drive

### DESIGN BENEFITS

- 4 speeds forward, and 4 reverse speeds
- Smooth shifting to reduce operator fatigue
- Directional change without braking
- Co-axial pump drive allows auxiliary pump installation
- 20% reduction in package size using a total of 11 litres of oil for transmission and torque converter

# C90-80hp Specifications

## RATINGS

Ratings Input Power	80hp / 59kW
Rating Input Torque	442 lb.ft / 600Nm
Rated Input Speed	2,400 rpm
Maximum Input Speed	2,600 rpm
Minimum Input Speed	600 rpm

All Ratings Subject to Duty Cycle and Application Approval.

## POWER TAKE OFF (PUMP AUXILIARY DRIVE)

Co-axial hydraulic pump drive SAE "B" 2 Bolt Drive on Rear of Transmission

Rated Power 80 hp / 59 kW

## CLUTCHES

Clutches Electro-Hydraulic, Oil-Cooled, Multidisc

Clutch Modulation Control Hydro-mechanical on / off valve

## GEARS

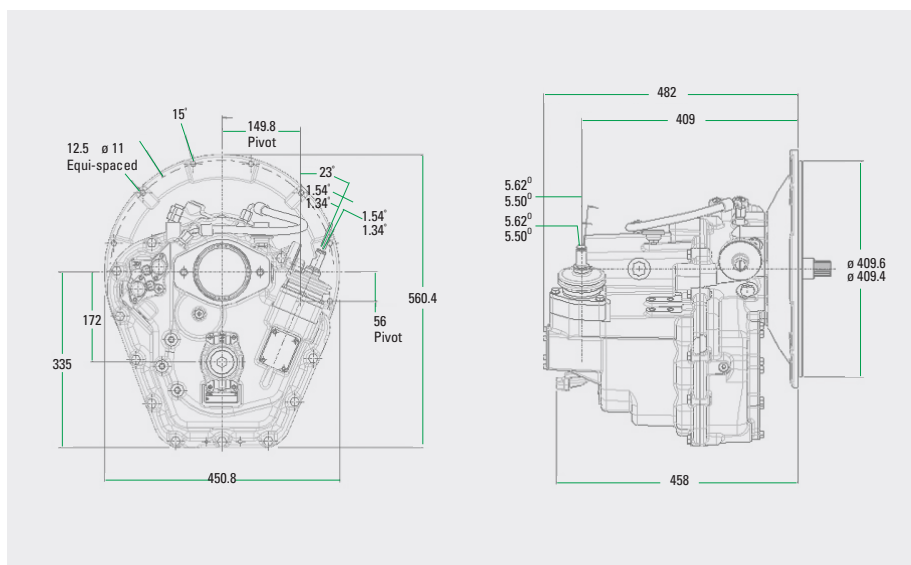
Gearing Type Helical

Standard Gear Ratios

1F	5.174
2F	3.097
3F	1.304
4F	0.774
1R	5.174
2R	3.097
3R	1.304
4R	0.7740

## OPTIONAL FEATURES

- Speed sensor
- Temperature sender
- Pressure sender
- Torque converter
- 'Spin-on' oil filter
- SAE3 or SAE4 flywheel housing



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