

# CX31-P600

## PETROLEUM TRANSMISSION

Input Power 600 bhp (447 kW)

Peak Input Torque 2025 lb-ft (2746 N•m)

POWER FOR THE WELL SERVICE INDUSTRY

### A LOW COST OF DOING BUSINESS

- World-class reliability and durability
  - Tough yet extremely light aluminum casing for road-mobile applications
- Lightweight design is easy to move and meets road permit limits
- Industry-leading component overhaul life
- Remote mounting of components improves serviceability

### MAKING YOUR INVESTMENT WORK HARDER

- Optimized for pumping, workover, and cementing applications
- Intelligent well service controls provide customer flexibility and optimal performance
- Multiple modes of operation optimize transmission functionality
  - Auto pumper mode
  - Manual pumper mode
  - Workover mode
  - Road mode
- Lightweight design with highest power-to-weight ratio in the market
- Evenly spaced gear ratios provide smooth shifting for pumping
- Integral options offer unsurpassed application flexibility
  - Integral drop box provides an integrated solution with greater performance
  - Integral pump drives are factory installed, reducing installation costs and increasing durability
  - Rear PTO option increases application flexibility
  - Hydraulic retarder improves brake life and braking performance of rig

### IMPROVING WORKFORCE EFFICIENCY

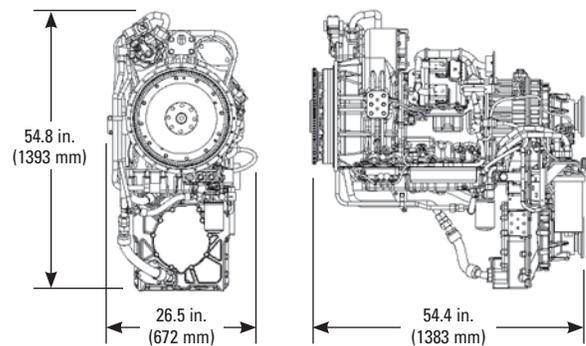
- State-of-the-art controls tailored to well service applications improve operator safety
  - Prevent operation in an inappropriate gear
  - Over pressure quick to neutral functionality
- Diagnostics via Cat Electronic Technician streamlines support
- Worldwide dealer network with more than 100,000 trained technicians means that parts and support are never out of reach

### FULLY INTEGRATED PETROLEUM SOLUTIONS

- Cat integrated power train solutions offers engine, transmission, and radiator packaging
- Ease of integration with Cat engines for optimized power train
  - C9 ACERT™, C11 ACERT, C13 ACERT, C15 ACERT, and C18 ACERT
- Full range of attachments allows customization
- Integral options streamline service
  - Same warranty for dropbox, integral pump drives, and rear PTO
  - One-source supplier, one-source service



### DIMENSIONS



<b>Length</b>	54.4 in.	1383 mm
<b>Width</b>	26.5 in.	672 mm
<b>Height</b>	54.8 in.	1393 mm
<b>Weight (dry)</b>	1857 lb	842 kg

Note: Do not use for installation design. See general dimension drawings for detail.

Weights and dimensions are approximations.

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