

# Product Value DNA



## SEM655D Specification

Rated Payload : 5,000kg  
 Bucket Cap. : 3cbm  
 Operating weight : 16,800kg  
 Brake out Force : 168kN  
 Hydraulic Cycle Time : 9.5s



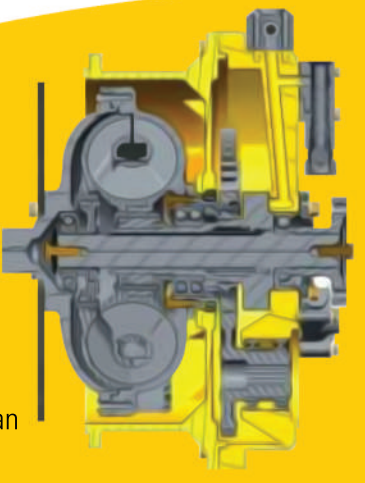
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### PRODUCTIVITY

- The optimized hydraulic system paired with the drive train reduces machine cycle time and increases productivity



- Max torque available at wide range of engine RPM
- Single stage torque converter improves efficiency up to 85% and is 10% higher than twin-turbine systems



- Large rim-pull in 1st gear and higher speed in 2nd gear provide high efficiency for load and carry applications

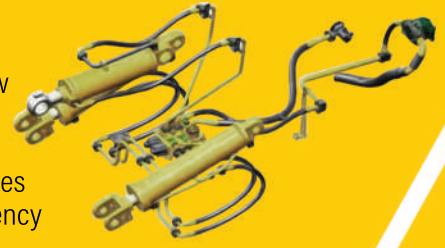
Performance Series Bucket provides 108% - 110% fulfill loading factor

- Best in the industry 9.5 seconds cycle time



### LOW OPERATING COST

- Twin pump flow merging hydraulic system increases machine efficiency



- Perfect match between engine and TC save 5% fuel consumption
- Mid articulation less tire wearing and fuel consumption



### SAFETY

- Premium operator station with big space and superior visibility
- Clutch cutoff selection switch ensures stable and safe operation



- Backup alarm and beacon
- Rear wiper
- Handrails and non-skid steps for three points contact

- Work on slope switch  
During on-slope operation, turn to OFF position to prevent the service brake from failing

### COMFORT

- Joystick hydraulic control for easy and precise operation
- Single lever shifting is flexible and convenient
- Pilot and HVAC as standard

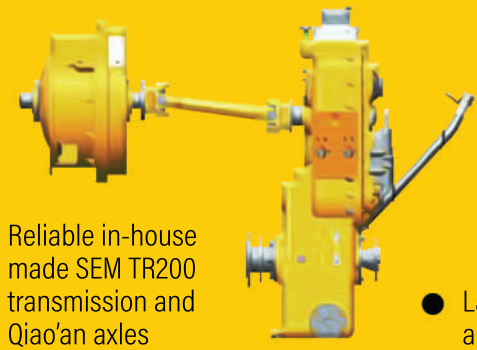


- Adjustable suspension seat, backrest, and armrest offers the most operator comfort
- Patented MAC mount provides less noise and increased comfort

### RELIABILITY



- Reliable in-house made SEM TR200 transmission and Qiao'an axles



- Large service doors and accessible rear grill provide easier service

- Improved transmission shifting quality
- Standard system pressure test ports
- Validated Cat technology chassis

- The air cleaner provides machine reliability even in the most severe applications

- Reliable Weichai WP6G125E22 engine

