**ENGINE**

- Rated speed, full load .......... 2200
- Low idle.......................... 800 - 900
- High idle, no load ............ 2380 - 2480 Horsepower
- Gross .......... 95 (71 kW) @ 2200 rpm
- Net ............... 90 (67 kW) @ 2200 rpm Maximum torque @ 1500 rpm
- Gross ............ 294 lb·ft (398 N·m)
- Net ................ 289 lb·ft (392 N·m)
- Torque rise at rated speed ....... 29%

**POWERTRAIN**

Transmission................. 4-speed synchromesh with hydraulically actuated clutches and electric F/R shuttle control, clutch disconnect buttons on the transmission shifter and loader control lever Gear ratios Forward Reverse 1st .................. 5.491 .......... 4.550 2nd ................ 3.043 .......... 2.522 3rd ................ 1.584 .......... 1.313 4th ................ 0.793 .......... 0.657 Torque converter
- Ratio ......................... 2.63 Differential lock......... On-the-go push-button activation Front 4WD axle
- Differential ratio .............. 2.0 Planetary hub ratio .......... 6.0 Total reduction ratio ............. 12.0 Rear axle
- Differential ratio .............. 2.33 Planetary hub ratio .......... 6.923 Total reduction ratio ............. 16.153 Service brakes.. Individually applied, hydraulically actuated, maintenance-free, self-adjusting, inboard mounted, wet disc
- Disc area .................. 53 in² (.03 m²)
- Parking brakes .......... Mechanically applied with electric activation sensors at each brake Travel speeds – mph (km/h)
- 1st 2nd 3rd 4th Forward ...... 3.5 .... 6.7 .... 13.5 .... 25.5 (5.7) (10.8) (21.7) (41.0) Reverse ...... 4.3 .... 8.1 .... 16.3 .... 30.8 (6.9) (13.0) (26.2) (49.6)

**HYDRAULICS**

Pump ............... Gear-type tandem, transmission driven
Main relief pressure
- 3050 + 50 - 50 psi @ 38 gpm
- (210 + 3 - 3 bar @ 144 L/min)
Filtration ..................... 7-micron, full flow replaceable cartridge on return line, condition indicator light for filter
Oil cooler ................. Heavy-duty
Loader flow @ rated engine rpm
- 28.5 gpm @ 3050 psi
- (108L/min @ 210 bar)
Loader control valve ...... Monoblock single lever control for lift, tilt and auxiliary hydraulics, positive hold float and return-to-dig
Loader auxiliary hydraulics
- with full loader flow available 14 to 28.5 gpm
- (53 to 108 L/min)
Backhoe flow @ rated engine rpm
- 38 gpm @ 3050 psi
- (144 L/min @ 210 bar)

**TIER II CERTIFIED**

**580 Super M**

**Series 2 Loader/Backhoe**

**ELECTRICAL**

Voltage .... 12 volts, negative ground
Alternator................. 90 amp Battery...... 850 cold-cranking amps
Optional batteries ............. (2) 600 cold-cranking amps
Power plugs............... (2) 30 amps ea.
OPERATOR ENVIRONMENT

- ROPS/FOPS canopy
- Key start
- Hydrostatic steering
- Non-suspension seat w/180° swivel
- Hand and foot throttles
- Loader control lever w/push-button activation of differential lock and transmission de-clutch
- Backhoe foot-swing w/3 lever control
- (2) Accessory power plugs (30 amp)
- Anti-vandalism covers (canopy only)
- Cup holder
- Coat hook w/tether strap (cab only)
- Interior rearview mirror
- 2” (51 mm) retractable seat belt
- Storage compartment w/lid
- Left side storage tray

INSTRUMENTATION

- Gauges:
  - Engine water temperature
  - Converter oil temperature
  - Fuel
  - Tachometer/hourmeter
  - Voltmeter
- Warning lights:
  - Air cleaner restriction
  - Alternator
  - A/C low/high pressure
  - Cold start
  - Engine oil pressure
  - Hydraulic oil filter bypass
  - Parking brake
  - Rear axle fluid temperature sensing system
  - Low fuel
- Audible alarms:
  - Coolant temperature
  - Engine oil pressure
  - Parking brake engagement
  - Shuttle engagement/seat position
  - Backup alarm
- Turn signal indicators
- Horn - dual switched front & rear

TURNING DIAMETER

2WD
- Brakes on................. 21’3” (6.48 m)
- Brakes off.............. 24’8” (7.52 m)

4WD – engaged
- Brakes on................. 22’1” (6.72 m)
- Brakes off.............. 28’3” (8.62 m)

4WD – disengaged
- Brakes on................. 22’0” (6.70 m)
- Brakes off.............. 25’3” (7.70 m)

NOTE: Turning diameter dimensions curb to curb w/general purpose bucket.

OPERATING WEIGHTS

**Lightest Configuration**
- Unit equipped with 2WD, ROPS canopy, non-suspension seat, 82” (2.08 m) general purpose loader bucket, 24” (610 mm) Universal backhoe bucket, standard dipper, 17.5L x 24 rear tires, 11L x 16.1 front tires, single battery, standard cast stabilizer pads,
- no operator............... 14,285 lb (6480 kg)

**Heavy Configuration**
- Unit equipped with 4WD, ROPS cab, suspension seat, 82” (2.08 m) 4 IN 1® loader bucket, 24” (610 mm) Universal backhoe bucket, Extendahoe® dipperstick, 19.5L x 24 rear tires, dual batteries, flip stabilizer pads,
- no operator............... 17,545 lb (7958 kg)

Add-on weights:
- Cab (over canopy) ... +454 lb (206 kg)
- Counterweights........ +440 lb (200 kg)
- +900 lb (408 kg)
- Extendahoe®............... +496 lb (225kg)
- 4WD w/driveshaft guard....... +283 lb (128 kg)

SERVICE CAPACITIES

- Fuel tank ..................... 31.4 gal (119 L)
- Optional tank ............ 40 gal (151 L)
- Hydraulic system
  - Total .......................... 31.5 gal (119 L)
  - Total w/Extendahoe®........ 33.0 gal (125 L)
- Reservoir w/filter.. 14.5 gal (54.9 L)
- Reservoir w/o filter... 14.0 gal (53 L)
- Transmission
  - 2WD Total system .. 19.5 qt (18.5 L)
  - 4WD Total system .. 22.0 qt (20.8 L)
- 4WD Front axle
  - Differential................... 5.8 qt (5.5 L)
  - Planetaries (each)...... 0.7 qt (0.66 L)
- Rear axle
  - Differential.............. 15.0 qt (14.2 L)
  - Planetaries (each)...... 1.6 qt (1.5 L)
- Engine oil w/filter...... 14.4 qt (13.6 L)
- Cooling system
  - w/heater................... 19.0 qt (18.0 L)
  - w/o heater............... 18.3 qt (17.3 L)
- Window washer reservoir...... 2.5 qt

**LOADERS**

- Single-lever control for lift and tilt
- Positive hold float
- Return-to-dig
- Automatic self-leveling
- In-line, reverse linkage
- Dual parallel dump cylinders
- Clutch disconnect button on loader control and shift levers

**Backhoe**

- Over-center design
- Cast, ductile iron boom, and swing tower
- Open-center hydraulics - Pro Control System
- 17, 940 lb·ft (24 370 N·m) swing torque
- Case attachment coupler
- Foot-swing w/3 lever control
- Wing stabilizers w/cleated dirt pad

**Loader Bucket Sizes**

**General Purpose Bucket**
- Width: 82”
- Weight: 686 lb (311 kg)
- Struck: 0.87 yd³ (0.67 m³)
- Heaped: 1.03 yd³ (0.79 m³)
- 93”
- Weight: 933 lb (423 kg)
- Struck: 1.07 yd³ (0.82 m³)
- Heaped: 1.25 yd³ (0.96 m³)

**4 IN 1® Bucket**
- Width: 82”
- Weight: 1,462 lb (663 kg)
- Struck: 0.85 yd³ (0.65 m³)
- Heaped: 1.04 yd³ (0.80 m³)

**NOTE:** Add 103 lb (47 kg) for bolt-on cutting edge.
## LOADER DIMENSIONS

**General Purpose Bucket**

### Overall operating height – fully raised
- 13'11" (4.25 m) .......... 14'3" (4.34 m)

### Height to –
- Bucket hinge pin fully raised
  - 11'2" (3.4 m) .......... 11'2" (3.4 m)
- Bucket hinge pin @ SAE carry
  - 13.1" (334 mm) .......... 14.6" (372 mm)
- Dump angle @ full height
  - 45° ................. 45°

### Dump clearance @ full height, 45° dump –
- Bucket
  - 8'10" (2.69 m) .......... 8'11" (2.72 m)
- Clam open
  - NA .......... 9'8" (2.95 m)

### Dump reach @ full height, 45° dump –
- Bucket
  - 30.0" (763 mm) .......... 27.8" (707 mm)
- Clam open
  - NA ............... 14.3" (362 mm)

### Bucket rollback –
- @ groundline
  - 40° ................. 40°
- @ SAE carry
  - 45° ................. 45°
- @ full height
  - Adjustable .......... Adjustable

### Digging depth below grade –
- Bucket flat
  - 5.9" (149 mm) .......... 6.8" (180 mm)
- Clam open (dozing)
  - NA .......... 4.1" (103 mm)

### Reach from front axle centerline – bucket on ground
- 77.6" (1.97 m) .......... 75.2" (1.91 m)

### Lift capacity to full height
- 6,182 lb (2804 kg) .......... 5,514 lb (2501 kg)

### Breakout force –
- Lift cylinders
  - 9,164 lbf (40 760 N) .......... 8,904 lbf (39 600 N)
- Dump cylinders
  - 9,480 lbf (42 170 N) .......... 10,302 lbf (45 820 N)

### Bucket cutting edge width
- 82" (2.08 m)/93" (2.36 m) .......... 82" (2.08 m)

### Maximum grading angle
- 116° .......... 116°

### Maximum clam opening
- NA .......... 38.3" (972 mm)

### Moldboard height
- NA .......... 36.8" (934 mm)

### Raising time to full height
- 3.4 sec .......... 3.4 sec

### Bucket dumping time
- 1.5 sec .......... 1.5 sec

### Lowering time –
- Power down
  - 2.4 sec .......... 2.4 sec
- Return-to-dig
  - 3.2 sec .......... 3.2 sec

### Clam –
- Open time
  - NA .......... 2.3 sec
- Close time
  - NA .......... 3.1 sec

---

**NOTE:** Loader dimensions taken with 4WD, 19.5L x 24 rear tires and 82" (2.08 m) general purpose bucket *without bolt-on cutting edge.*
### DIMENSIONS

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Standard Backhoe</th>
<th>Extendahoe® Retracted</th>
<th>Extendahoe® Extended</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>M. Overall transport length</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>General purpose bucket</td>
<td>22’10” (6.95 m)</td>
<td>22’10” (6.95 m)</td>
<td>NA</td>
</tr>
<tr>
<td>4 IN 1® bucket</td>
<td>22’8” (6.92 m)</td>
<td>22’8” (6.92 m)</td>
<td>NA</td>
</tr>
<tr>
<td><strong>Overall transport width</strong></td>
<td>7’2” (2.18 m)</td>
<td>7’2” (2.18 m)</td>
<td>NA</td>
</tr>
<tr>
<td><strong>Height</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>To top of canopy</td>
<td>8’9” (2.67 m)</td>
<td>8’9” (2.67 m)</td>
<td>8’9” (2.67 m)</td>
</tr>
<tr>
<td>To top of cab</td>
<td>8’10” (2.69 m)</td>
<td>8’10” (2.69 m)</td>
<td>8’10” (2.69 m)</td>
</tr>
<tr>
<td>To top of exhaust stack</td>
<td>8’6” (2.59 m)</td>
<td>8’6” (2.59 m)</td>
<td>8’6” (2.59 m)</td>
</tr>
<tr>
<td><strong>N. Transport</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Transport</td>
<td>10’10” (3.29 m)</td>
<td>11’3” (3.42 m)</td>
<td>NA</td>
</tr>
<tr>
<td>Ground clearance at backhoe frame</td>
<td>14.6” (371 mm)</td>
<td>14.6” (371 mm)</td>
<td>14.6” (371 mm)</td>
</tr>
<tr>
<td>Angle of departure</td>
<td>20°</td>
<td>20°</td>
<td>20°</td>
</tr>
<tr>
<td><strong>Front wheel tread</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2WD</td>
<td>67.5” (1.71 m)</td>
<td>67.5” (1.71 m)</td>
<td>67.5” (1.71 m)</td>
</tr>
<tr>
<td>4WD</td>
<td>67.7” (1.72 m)</td>
<td>67.7” (1.72 m)</td>
<td>67.7” (1.72 m)</td>
</tr>
<tr>
<td><strong>Width across tires</strong></td>
<td>81.7” (2.07 m)</td>
<td>81.7” (2.07 m)</td>
<td>81.7” (2.07 m)</td>
</tr>
<tr>
<td>17.5L x 24</td>
<td>81.4” (2.67 m)</td>
<td>81.4” (2.67 m)</td>
<td>81.4” (2.67 m)</td>
</tr>
<tr>
<td>19.5L x 24</td>
<td>81.4” (2.67 m)</td>
<td>81.4” (2.67 m)</td>
<td>81.4” (2.67 m)</td>
</tr>
<tr>
<td><strong>O. Wheelbase</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2WD</td>
<td>84” (2.13 m)</td>
<td>84” (2.13 m)</td>
<td>84” (2.13 m)</td>
</tr>
<tr>
<td>4WD</td>
<td>84.5” (2.15 m)</td>
<td>84.5” (2.15 m)</td>
<td>84.5” (2.15 m)</td>
</tr>
</tbody>
</table>

**NOTE:** Dimensions taken with 19.5L x 24 rear tires and 11L x 16 front tires except that data marked 4WD is taken with 12 x 16.5 front tires.

### CYLINDERS

<table>
<thead>
<tr>
<th>Cylinder</th>
<th>Bore Diameter</th>
<th>Rod Diameter</th>
<th>Stroke</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Loader</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lift (2)</td>
<td>3.25” (82.6 mm)</td>
<td>1.75” (44.5 mm)</td>
<td>30.2” (766 mm)</td>
</tr>
<tr>
<td>Bucket (2)</td>
<td>3.0” (76 mm)</td>
<td>1.5” (38.1 mm)</td>
<td>20.6” (522 mm)</td>
</tr>
<tr>
<td>4 IN 1® clam (2)</td>
<td>3.0” (76 mm)</td>
<td>1.75” (44.5 mm)</td>
<td>9.1” (231 mm)</td>
</tr>
<tr>
<td><strong>Backhoe</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Boom</td>
<td>5.25” (133.4 mm)</td>
<td>2.50” (63.5 mm)</td>
<td>33.2” (842 mm)</td>
</tr>
<tr>
<td>Dipperstick</td>
<td>5.0” (127 mm)</td>
<td>2.5” (63 mm)</td>
<td>22.9” (583 mm)</td>
</tr>
<tr>
<td>Bucket</td>
<td>3.5” (89 mm)</td>
<td>2.5” (63 mm)</td>
<td>34.3” (872 mm)</td>
</tr>
<tr>
<td>Extendahoe®</td>
<td>3.0” (76 mm)</td>
<td>1.75” (44.5 mm)</td>
<td>42.0” (107 mm)</td>
</tr>
<tr>
<td>Swing (2)</td>
<td>4.0” (101.6 mm)</td>
<td>2.0” (50.8 mm)</td>
<td>11.5” (292 mm)</td>
</tr>
<tr>
<td>Stabilizer (2)</td>
<td>4.25” (108 mm)</td>
<td>2.0” (50.8 mm)</td>
<td>21.8” (553 mm)</td>
</tr>
<tr>
<td><strong>Steering</strong></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>2WD</td>
<td>2.75” (69.9 mm)</td>
<td>1.5” (38.1 mm)</td>
<td>6.7” (170 mm)</td>
</tr>
<tr>
<td>4WD</td>
<td>2.48” (63 mm)</td>
<td>1.5” (38.1 mm)</td>
<td>9.53” (242 mm)</td>
</tr>
</tbody>
</table>
## BACKHOE LIFT CAPACITIES

<table>
<thead>
<tr>
<th></th>
<th>Standard Backhoe</th>
<th>Retracted</th>
<th>Extended</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Boom Lift</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>+16' (4.87 m)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>+14' (4.27 m)</td>
<td>8'7&quot; (2.62)</td>
<td>7'9&quot; (2.35)</td>
<td>13'5&quot; (4.11)</td>
</tr>
<tr>
<td>+12' (3.66 m)</td>
<td>7'11&quot; (2.16)</td>
<td>6'11&quot; (1.91)</td>
<td>12'6&quot; (3.81)</td>
</tr>
<tr>
<td>+10' (3.05 m)</td>
<td>6'10&quot; (1.83)</td>
<td>5'11&quot; (1.80)</td>
<td>11'2&quot; (3.42)</td>
</tr>
<tr>
<td>+8' (2.44 m)</td>
<td>5'10&quot; (1.52)</td>
<td>4'11&quot; (1.45)</td>
<td>10'0&quot; (3.05)</td>
</tr>
<tr>
<td>+6' (1.83 m)</td>
<td>4'11&quot; (1.25)</td>
<td>4'0&quot; (1.22)</td>
<td>9'5&quot; (2.87)</td>
</tr>
<tr>
<td>+4' (1.22 m)</td>
<td>3'11&quot; (0.95)</td>
<td>3'10&quot; (0.92)</td>
<td>9'3&quot; (2.83)</td>
</tr>
<tr>
<td>+2' (0.61 m)</td>
<td>2'11&quot; (0.65)</td>
<td>2'10&quot; (0.63)</td>
<td>9&quot; (0.24)</td>
</tr>
<tr>
<td>Ground Level</td>
<td>14'11&quot; (4.34)</td>
<td>14'10&quot; (4.33)</td>
<td>18'3&quot; (5.54)</td>
</tr>
<tr>
<td>-2' (0.61 m)</td>
<td>14'5&quot; (4.40)</td>
<td>14'4&quot; (4.37)</td>
<td>18'0&quot; (5.48)</td>
</tr>
<tr>
<td>-4' (1.22 m)</td>
<td>14'2&quot; (4.32)</td>
<td>14'1&quot; (4.31)</td>
<td>17'9&quot; (5.42)</td>
</tr>
<tr>
<td>-6' (1.83 m)</td>
<td>12'4&quot; (3.75)</td>
<td>12'2&quot; (3.73)</td>
<td>16'9&quot; (5.14)</td>
</tr>
<tr>
<td>-8' (2.44 m)</td>
<td>10'5&quot; (3.18)</td>
<td>10'3&quot; (3.14)</td>
<td>15'7&quot; (4.76)</td>
</tr>
<tr>
<td>-10' (3.05 m)</td>
<td>7'6&quot; (2.29)</td>
<td>7'4&quot; (2.24)</td>
<td>13'1&quot; (4.00)</td>
</tr>
<tr>
<td>-12' (3.66 m)</td>
<td>4'6&quot; (1.40)</td>
<td>4'4&quot; (1.37)</td>
<td>11'7&quot; (3.55)</td>
</tr>
<tr>
<td>-14' (4.27 m)</td>
<td>1'6&quot; (0.46)</td>
<td>1'4&quot; (0.43)</td>
<td>7'11&quot; (2.16)</td>
</tr>
<tr>
<td><strong>Dipper Lift</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>+14' (4.27 m)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>+12' (3.66 m)</td>
<td>10'1&quot; (3.08)</td>
<td>10'0&quot; (3.06)</td>
<td>12'6&quot; (3.81)</td>
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<tr>
<td>+10' (3.05 m)</td>
<td>10'7&quot; (3.24)</td>
<td>10'6&quot; (3.22)</td>
<td>11'2&quot; (3.42)</td>
</tr>
<tr>
<td>+8' (2.44 m)</td>
<td>10'6&quot; (3.22)</td>
<td>10'5&quot; (3.18)</td>
<td>10'1&quot; (3.09)</td>
</tr>
<tr>
<td>+6' (1.83 m)</td>
<td>9'7&quot; (2.94)</td>
<td>9'6&quot; (2.91)</td>
<td>9'2&quot; (2.74)</td>
</tr>
<tr>
<td>+4' (1.22 m)</td>
<td>8'7&quot; (2.62)</td>
<td>8'6&quot; (2.59)</td>
<td>8&quot; (2.44)</td>
</tr>
<tr>
<td>-2' (0.61 m)</td>
<td>6'11&quot; (1.89)</td>
<td>6'10&quot; (1.88)</td>
<td>6&quot; (1.52)</td>
</tr>
<tr>
<td>-4' (1.22 m)</td>
<td>5'11&quot; (1.55)</td>
<td>5'10&quot; (1.54)</td>
<td>4'11&quot; (1.26)</td>
</tr>
<tr>
<td>-6' (1.83 m)</td>
<td>4'10&quot; (1.22)</td>
<td>4'9&quot; (1.48)</td>
<td>4&quot; (1.22)</td>
</tr>
<tr>
<td>-8' (2.44 m)</td>
<td>4'0&quot; (1.22)</td>
<td>3'9&quot; (1.19)</td>
<td>3&quot; (0.91)</td>
</tr>
<tr>
<td>-10' (3.05 m)</td>
<td>2'10&quot; (0.61)</td>
<td>2'9&quot; (0.88)</td>
<td>2&quot; (0.61)</td>
</tr>
<tr>
<td>-12' (3.66 m)</td>
<td>1'10&quot; (0.33)</td>
<td>1'9&quot; (0.58)</td>
<td>1&quot; (0.30)</td>
</tr>
<tr>
<td>-14' (4.27 m)</td>
<td>1'10&quot; (0.33)</td>
<td>9&quot; (0.24)</td>
<td></td>
</tr>
</tbody>
</table>

NOTE: Lift capacities apply straight to the rear of prime mover. Equipped with 24" (610 mm) Universal H.D. trenching bucket and Case coupler except as noted.
STANDARD EQUIPMENT

OPERATOR’S COMPARTMENT
See page 2

ENGINE
Case 445T/M2 turbocharged diesel
Integral crank driven balancer
Automatic fan belt tensioner
Integral engine oil cooling
Fuel filter w/ water trap
KKSB starter timing control
Dual element air cleaner with integral pre-cleaner
90 amp alternator
850 CCA 12-volt battery
Heavy-duty radiator w/ deaeration bottle
Non-spark-arresting muffler

OTHER
Forward tilt engine hood
Replaceable, molded front bumpers
Front / rear tie downs
Reflective logos
Lights - Cab and Canopy
2 Front flashers/turn
2 Rear flashers/turn
4 Front & 4 rear adjustable halogen lights (55 w)

OPTIONAL EQUIPMENT

OPERATOR’S COMPARTMENT
Cab with –
Heater
Defroster
Dome light - door activated
Wipers, front and rear
Tinted glass
Floor mat
Side window partial hold open
Inside release for side windows

Operator Convenience Package
Tilt wheel
Windshield washer w/ adjustable nozzles (front & rear)
Sun visor
Deluxe Cab Package
Operator Convenience Package PLUS
Vinyl-covered interior
Radio-ready kit w/ antenna and speakers
Reduced sound level to 72 dB(A)
Vinyl or cloth-covered mechanical suspension seat
Air Ride suspension seat
3” (76 mm) retractable seat belt
Cab air-conditioning, 100% filtered air, in-cab filter access, 8 adjustable roof vents, 2 floor vents, w/ heater
Ride Control
Cab, right door

Canopy Convenience Package
Front windshield w/ wiper & washer
85 dB(A) sound
Floor mat
Sun visor

LOADER
See page 2

HYDRAULICS
2-spool loader control valve
6-spool backhoe control valve
Heavy-duty oil cooler

BACKHOE
See page 2

POWERTRAIN
2WD
4F/4R Power shuttle synchromesh transmission
Torque converter
Transmission de-clutch
Electro-hydraulic differential lock
Hydrostatic steering
Wet disc brakes
Remote lube front axle pivot

ENGINE
Cold weather grid heater starting aid
Dual, 12-volt, 600CCA batteries
Fuel tank, 40 gal (151 L)
Exhaust aspirated air cleaner

POWERTRAIN
4WD w/ outboard planetary drive, on-the-go push-button activation and 12 x 16.5 front tires
Powershift transmission with Autoshift (4WD unit only)

HYDRAULICS
Auxiliary backhoe uni-directional hydraulics
Auxiliary backhoe bi-directional hydraulics
Hand lever operated for manual controls
Button operated for pilot controls

OTHER
17.5L x 24 rear tires
19.5L x 24 rear tires
Tool box
Special paint

NOTE: All specifications are stated in accordance with SAE Standards or Recommended Practices, where applicable.

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