

# SPECIFICATIONS

## ENGINE

Make & Model	Continental TME27	Deutz D914L03	Cummins B3.3
Cu. In. (liters)	164 (2.7)	197 (3.2)	199 (3.3)
No. of Cylinders	4	3	3
Fuel	Gas or LP	Diesel	Diesel
Cooling System	Liquid	Air	Liquid
Net HP @ 2500 RPM (kilowatts)	58 (43.2)	57 (42.5)	60 (44.7)

Air Cleaner	Two element dry type with pre-cleaner
Electrical System	12 Volt system protected by fused breakers One battery - BCI group size 31, cold cranking, 625 AMPS @ 0° F (-18° C)
Governor Type	Gasoline - Electronic Diesel - Diesel injection pump control

## HYDRAULIC SYSTEM

Lift Cylinders, Bore & Strokes	2.5 in. x 25.25 in. (63.5 x 641.3 mm)
Bucket Cylinder, Bore & Stroke	4 in. x 8 in. (101.6 x 203.2 mm)
Pump Description	Vane type
Steering, Boom, Bucket Pump Capacity	14.5 GPM (54.88 lit./min) @ 2500 RPM
Priority Flow to Steering	4 GPM (15.4 lit./min)
Control Valve	Standard - 3 spool sectional open center
Auxiliary Hydraulics	Standard 3rd valve for additional unitractor attachments Power beyond hydraulics available
Filtration	10 micron spin-on
Relief Valve Setting	Drive train - 1950 PSI (13443 kPa) Boom and bucket - 1900 PSI (13098 kPa) Steering - 1800 PSI (12409 kPa)
Hydraulic Cycle Time @ 2200 RPM, Standard Bucket:	
Raise	6.0 seconds
Bucket Dump	1.5 seconds
Bucket Rollback	2.0 seconds
Lower	2.5 seconds
Total Cycle	12.0 seconds

## AXLES & HUBS

Type	Front and rear full floating Dana Model 60 axle
Description	Automotive type differential axles, (hubs with limited slip optional)
Torque Increase	6.176/1 Ratio
Oscillation, Frame	22°

## TRANSMISSION

Type	Low pressure, hydraulic 4-wheel drive with 2 speeds, forward and reverse
Control	Hand lever engine throttle Foot operated directional and tractor speed control pedal Mechanical high-low range lever
Description	Vane type pump - 31 GPM (109.7 lit./min.) @ 1950 PSI (1344 kPa) Gear type motor - fixed displacement
Transmission	two speed gear box, low or high
Travel Speeds @ 2250 RPM with 10.00 x 16.5 Tires, 12-Ply	
Low Range, Forward or Reverse	0-2.4 MPH (0-3.86 Km/h)
High Range, Forward or Reverse	0-7.7 MPH (0-12.39 Km/h)

## STEERING

Type	Articulating
Description	Center pivot articulating with hydraulic power steering. Front and rear tires always track.
Steering Angle (Left or Right)	37°
Minimum Turning Radius, Inside	54.0 in. (1371 mm)
Steering Cylinders, Bore & Stroke	3 in. x 8 in. (76.2 x 203.2 mm)

## BRAKES

Type	Four-wheel hydraulic
Description	Hydraulically actuated drum type brakes
Total Braking Area	265 in. squared (1709 cm squared) (Service and Parking)
Parking Brake	Mechanical

## SERVICE CAPACITIES

Radiator	15 Quarts (14.2 lit.)
Fuel Tank	18.0 U.S. Gal. (68.14 lit.)
Hydraulic System	
Reservoir Only	18.0 U.S. Gal. (68.14 lit.)
Complete System	24.0 U.S. Gal. (90.85 lit.)
Differentials (Each)	6.2 Pints (2.9 lit.)
Transmission	4.7 Pints (2.1 lit.)

