

MODEL	MT945C	MT955C	MT965C	MT975C
Nebraska Test Number	Test 1928 - Summary 600	Test 1929 - Summary 601	Test 1930 - Summary 602	Test 1931 - Summary 603
Engine				
Manufacturer	Caterpillar C15 ACERT Tier III	Caterpillar C15 ACERT Tier III	Caterpillar C18 ACERT Tier III	Caterpillar C18 ACERT Tier III
Aspiration	Turbocharged / Air-to-Air Aftercooled	Turbocharged / Air-to-Air Aftercooled	Turbocharged / Air-to-Air Aftercooled	Turbocharged / Air-to-Air Aftercooled
Cylinders/Displacement, cu. in. (liters)	6 cyl/ 923 (15.2 L)	6 cyl/ 923 (15.2 L)	6 cyl/ 1105 (18.1 L)	6 cyl/ 1105 (18.1 L)
Performance				
Rated Engine Power HP (kW)	440 (328)	475 (354)	525 (391)	585 (436)
PTO HP (kW) @ Rated 2100 RPM	360 (268)	385 (287)	425 (316)	425 (316)
Engine Power Growth @ 1800 RPM (%)	8%	8%	8%	8%
Peak Engine Power	475 (3454)	513 (382)	567 (422)	631 (470)
Engine Torque Rise % (PTO) @ Eng RPM	42%@1400	42%@1400	42%@1400	42%@1400
Fuel Use, U.S. Gal./hr & HP hr./Gal. : (Power Take-Off Performance)				
PTO @ Rated Eng RPM	23.05 gal/hr / 15.77 HP hr/gal at 2100 RPM	24.92 gal/hr / 16.24 HP hr/gal at 2100 RPM	27.88 gal/hr / 15.79 HP hr/gal at 2100 RPM	32.80 gal/hr / 15.80 HP hr/gal at 2100 RPM
Standard PTO Speed @ Eng Speed	23.51 gal/hr / 16.29 HP hr/gal at 2000 RPM	25.94 gal/hr / 16.75 HP hr/gal at 2000 RPM	29.13 gal/hr / 16.43 HP hr/gal at 2001 RPM	33.32 gal/hr / 16.33 HP hr/gal at 2000 RPM
Maximum Engine Power @ Eng RPM	23.91 gal/hr / 17.41 HR hr/gal at 1700 RPM	25.96 gal/hr / 17.38 HP hr/gal at 1800 RPM	28.40 gal/hr / 17.66 HP hr/gal at 1750 RPM	32.91 gal/hr / 17.76 HP hr/gal at 1750 RPM
Fuel Use, U.S. Gal./hr & HP hr./Gal. (Drawbar Performance)				
Max Unballasted Drawbar Power @ Eng RPM	13.93 HP hr/gal at 2097 RPM	14.50 HP hr/gal at 2090 RPM	14.09 HP hr/gal at 2099 RPM	14.02 HP hr/gal at 2101 RPM
75% Load, Full Engine RPM (Unballasted)	12.77 HP hr/gal at 2199 RPM	12.36 HP hr/gal at 2199 RPM	12.74 HP hr/gal at 2200 RPM	12.80 HP hr/gal at 2204 RPM
75% Load @ Reduced RPM (Unballasted)	14.40 HP hr/gal at 1535 RPM	14.54 HP hr/gal at 1548 RPM	14.66 HP hr/gal at 1539 RPM	15.66 Hp hr/gal at 1546 RPM
Fuel Tank Cap., US Gal (L)	390 (1476)	390 (1476)	390 (1476)	390 (1476)
Transmission				
Std. Transmission; Type; # Gears; Forward/Reverse	Caterpillar Powershift 16F / 4R	Caterpillar Powershift 16F / 4R	Caterpillar Powershift 16F / 4R	Caterpillar Powershift 16F / 4R
Opt. Transmission; Forward/Reverse	NA	NA	NA	NA
On-the-Go Shifting (Yes/No/Partial)	Yes. Electronic control. Power management control: Max Power Output/Constant Ground Speed	Yes. Electronic control. Power management control: Max Power Output/Constant Ground Speed	Yes. Electronic control. Power management control: Max Power Output/Constant Ground Speed	Yes. Electronic control. Power management control: Max Power Output/Constant Ground Speed
Clutch; Wet/Dry	Wet	Wet	Wet	Wet
Power Take-Off (PTO)				
Standard/Optional/Type	Optional: 1000 RPM, 20 Spline, 1.75" (45 mm); Electronically Controlled	Optional: 1000 RPM, 20 Spline, 1.75" (45 mm); Electronically Controlled	Optional: 1000 RPM, 20 Spline, 1.75" (45 mm); Electronically Controlled	Optional: 1000 RPM, 20 Spline, 1.75" (45 mm); Electronically Controlled
Hydraulics				
Type	Load Independent Flow Division (Closed-Center, Pressure-Flow Compensated)	Load Independent Flow Division (Closed-Center, Pressure-Flow Compensated)	Load Independent Flow Division (Closed-Center, Pressure-Flow Compensated)	Load Independent Flow Division (Closed-Center, Pressure-Flow Compensated)
Standard Pump Rated Output, GPM (L/min.)	43.5 (164.7)	43.5 (164.7)	43.5 (164.7)	43.5 (164.7)
Optional Pump Rated Output, GPM (L/min)	59 (224.2)	59 (224.2)	59 (224.2)	59 (224.2)
Rated Flow @ One Remote, GPM (L/min.)	36 (136.3)	36 (136.3)	36 (136.3)	36 (136.3)
Maximum Operating Pressure, PSI (kPa)	2900 (200)	2900 (200)	2900 (200)	2900 (200)
Remote Control Valves Available	4 Standard / up to 6 Optional	4 Standard / up to 6 Optional	4 Standard / up to 6 Optional	4 Standard / up to 6 Optional
Axles and Final Drive	GIMA	GIMA	GIMA	GIMA
Final Drive/Bar Diameter	Double inboard planetary: 5.7 (145)	Double inboard planetary: 5.7 (145)	Double inboard planetary: 5.7 (145)	Double inboard planetary: 5.7 (145)
Differential Lock Options	Electro-hydraulic enhancement	Electro-hydraulic enhancement	Electro-hydraulic enhancement	Electro-hydraulic enhancement
Axle Type	Bar	Bar	Bar	Bar
Brakes, Type and Control	Wet disc spring released	Wet disc spring released	Wet disc spring released	Wet disc spring released
Drawbar/3-Point Hitch				
Type	Roller Type +/- 32° Swing; optional Hydraulic Position Control / Dampening	Roller Type +/- 32° Swing; optional Hydraulic Position Control / Dampening	Roller Type +/- 32° Swing; optional Hydraulic Position Control / Dampening	Roller Type +/- 32° Swing; optional Hydraulic Position Control / Dampening
Load Rating lbs. (kg)	10,000 (4536)	10,000 (4536)	10,000 (4536)	10,000 (4536)
3-Point Hitch Type/Lift Capacity	Category 3/4N or 4; 19,500 Lb (8845 kg)	Category 3/4N or 4; 19,500 (8845)	Category 3/4N or 4; 19,500 (8845)	N/A
Operator Comfort				
dB(A) Rating	76.5	76.7	77.3	78
Seat Suspension System	Air	Air	Air	Air
Dimensions				
Wheelbase, in. (mm)	155 (3950)	155 (3950)	155 (3950)	155 (3950)
Wheel Tread, Min. to Max. in. (mm)	NA	NA	NA	NA
Turning Radius w/o Brakes, ft. (m)	1605 (5.0)	1605 (5.0)	1605 (5.0)	1605 (5.0)
Unballasted Weight, lb. (kg)	39,266 (17,810)	39,266 (17,810)	39,767 (18,038)	39,767 (18,038)
Maximum Operating Weight Ballast lbs. (kg)	50,000 (22,680)	54,000 (24,494)	60,000 (27,215)	60,000 (27,215)
Tires/Tracks				
Standard Tires	710/70R42 Duals	710/70R42 Duals	710/70R42 Duals	710/70R42 Duals
Standard Track Size In. (mm)	NA	NA	NA	NA
Track Size Option In. (mm)	NA	NA	NA	NA
Track Gauge in. (mm)	NA	NA	NA	NA
Track Undercarriage Type	NA	NA	NA	NA