

ESPECIFICACIONES DEL PRODUCTO PARA 995



Modelo de motor	Cat® 3516E
Emisiones	Tier 4 final de la EPA de EE. UU./Stage V de la UE o equivalente a Tier 1 de la EPA de EE. UU.
Potencia del motor - ISO 14396	1847 CV
Potencia bruta - SAE J1995	1870 CV
Energía neta - SAE J1349 - Ambiente estándar	1739 CV
Energía neta - SAE J1349 - Ambiente alto	1696 CV
Aburrir	6,7 pulgadas
Ataque	8,5 pulgadas
Desplazamiento	4766 pulgadas ³
Par máximo - 1200 rpm - SAE J1995	8549 libras/pie
Aumento de par	39%
Nota 1)	Las clasificaciones de potencia se aplican cuando se prueban bajo las condiciones de referencia para el estándar especificado.
Nota 2)	La potencia neta anunciada es la potencia disponible en el volante cuando el motor está equipado con ventilador, alternador, filtro de aire y silenciador.

Nota 3)

La potencia bruta anunciada es con el ventilador a máxima velocidad.

Peso operativo: estándar

540555 libras

Rango de capacidad del cucharón

17,2-43,6 m³ (22,3-57 yd³)

Peso operativo: elevación alta

544457 libras

**Carga útil nominal: elevación estándar
(resistencia a la excavación de baja a moderada)**

60 toneladas (EE. UU.)

**Carga útil nominal: elevación estándar
(resistencia a la excavación de moderada a alta)**

50 toneladas (EE. UU.)

**Carga útil nominal: elevación alta
(resistencia a la excavación de baja a moderada)**

55 toneladas (EE. UU.)

**Carga útil nominal: elevación alta
(resistencia a la excavación de moderada a alta)**

50 toneladas (EE. UU.)

Nota

*Comuníquese con su distribuidor local para determinar si su aplicación es adecuada para esta carga útil nominal aumentada.

Tipo de transmisión

Servotransmisión planetaria Cat

Delantero - 1

4,6 millas por hora

Delantero - 2

8 millas por hora

Forward - 3

13.6 mile/h

Reverse - 1	5 mile/h
Reverse - 2	8.8 mile/h
Reverse - 3	14.9 mile/h
Direct Drive - Forward 1	Lock-up disables
Direct Drive - Forward 2	8.7 mile/h
Direct Drive - Forward 3	15.2 mile/h
Direct Drive - Reverse 1	Lock-up disables
Direct Drive - Reverse 2	9.6 mile/h
Direct Drive - Reverse 3	16.8 mile/h
Note	Travel speeds based on 58/85-57 tires.
Lift/Tilt System - Circuit	Positive Flow Control
Lift/Tilt System - Pump	Variable Displacement Piston
Maximum Flow at 1,700 rpm Engine Speed	541 gal/min
Relief Valve Setting - Lift/Tilt	5004 psi
Cylinders, Double Acting - Lift, Bore and Stroke	370 × 1713 mm (14.6 × 67.4 in)
Cylinders, Double Acting - Tilt, Bore and Stroke	310 × 1086 mm (12.2 × 42.8 in)
Pilot System	Open Loop and Pressure Reducing
Rack Back	4.9 s

Raise	12.6 s
Dump	3.1 s
Lower Float Down	4.2 s
Total Hydraulic Cycle Time - Empty Bucket	23.5 s

Fuel Tank - Standard	856 gal (US)
Fuel Tank - With 24 hr Attachment	1414 gal (US)
Cooling System	138 gal (US)
Engine Crankcase	76 gal (US)
Transmission	110 gal (US)
Differential - Final Drives - Front	220 gal (US)
Differential - Final Drives - Rear	200 gal (US)
Hydraulic Tank - Implement and Hydraulic Fan	270 gal (US)
Hydraulic Tank - Steering and Braking	100 gal (US)
Oil Renewal System (ORS)*	20 gal (US)
Note	*Not available on Tier 4 Final/Stage V machines. Not available in all regions.

Front	Fixed
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Rear		Trunnion
Oscillation Angle		9°
Brakes		ISO 3450:2011
Ambient Capability Hydraulically Driven Demand Fan - Standard		109.4 °F
Ambient Capability Hydraulically Driven Demand Fan - High (Tier 1 equivalent)		131 °F
Ambient Capability Hydraulically Driven Demand Fan - High (Tier 4 Final)		127.4 °F
Operator Sound Level (ISO 6396:2008) - Tier 1/EU Stage I Equivalent	72 dB(A)	
Machine Sound Level (ISO 6395:2008)	119 dB(A)	
Note	The measurement was conducted at 70 percent of the maximum engine cooling fan speed. Hearing protection may be needed when the machine is operated with a cab that is not properly maintained or when the doors or windows are open for extended periods or in a noisy environment.	
Operator Sound Level (ISO 6396:2008) - Tier 1/EU Stage I Equivalent	71 dB(A)	
Machine Sound Level (ISO 6395:2008)	117 dB(A)	
Note	The measurement was conducted at 70 percent of the maximum	

engine cooling fan speed. Hearing protection may be needed when the machine is operated with a cab that is not properly maintained or when the doors or windows are open for extended periods or in a noisy environment.

Steering System - Circuit

Pilot, Load Sensing

Steering System - Pump

Piston, Variable Displacement

Total Steering Angle

80 degrees

Steering Cycle Times - Low Idle

7.6 s

Steering Cycle Times - High Idle

4.3 s

B-Pin Height - Maximum Lift 28.8 ft

Clearance at Maximum Lift 19.8 ft

Dump Angle at Maximum Lift –50 degrees

**Front Axle Centerline to
Bucket Tip** 21.9 ft

**Ground to Bumper
Clearance** 4.4 ft

Ground to Center of Axles 6 ft

**Ground to Lower Hitch
Clearance** 2.9 ft

**Ground to Top of Exhaust
Stacks** 23.2 ft

Ground to Top of Hood 18.6 ft

Ground to Top of ROPS	23.4 ft
Maximum Overall Height - Bucket Raised	39.3 ft
Maximum Overall Length	64.6 ft
Note	Assumes loaded 58/85-57 tires, tires at a static loaded radius of 1830 mm (6 ft), 596-5330 26 m3 (34 yd3) bucket, 431-0064 HD tips.
Rack Angle at Maximum Lift	59.5 degrees
Rack Back Angle - Carry	47.7 degrees
Rack Back Angle - Ground Level	39.7 degrees
Reach - Maximum Lift	9.6 ft
Rear Axle - Centerline to Bumper	20.4 ft
Tread Width	14.1 ft
Wheel Base	22.3 ft
Width - Over Tires - With Bulge	18.8 ft
B-Pin Height - Maximum Lift	31.6 ft
Clearance at Maximum Lift	22.6 ft
Dump Angle at Maximum Lift	–50 degrees
Front Axle Centerline to Bucket Tip	24.2 ft

Ground to Bumper Clearance	4.4 ft
Ground to Center of Axles	6 ft
Ground to Lower Hitch Clearance	2.9 ft
Ground to Top of Exhaust Stacks	23.2 ft
Ground to Top of Hood	18.6 ft
Ground to Top of ROPS	23.4 ft
Maximum Overall Height - Bucket Raised	42.1 ft
Maximum Overall Length	66.9 ft
Note	Assumes loaded 58/85-57 tires, tires at a static loaded radius of 1830 mm (6 ft), 596-5330 26 m3 (34 yd3) bucket, 431-0064 HD tips.
Rack Angle at Maximum Lift	59.4 degrees
Rack Back Angle - Carry	53.5 degrees
Rack Back Angle - Ground Level	45 degrees
Reach - Maximum Lift	9.4 ft
Rear Axle - Centerline to Bumper	20.4 ft
Tread Width	14.1 ft
Wheel Base	22.3 ft

Width - Over Tires - With Bulge	18.8 ft
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995 STANDARD EQUIPMENT

POWER TRAIN

Engine, 3516E High Displacement (HD) Mechanical Electronic Unit Injector (MEUI™-A), Air-to-Air Aftercooling (ATAAC) diesel, turbocharged/aftercooled
Engine prelube
Fuel priming pump (electric)
Ground-level engine shutoff
Engine air intake (above hood) precleaner
Aluminum Modular Radiator (AMR)
Automatic, ether starting aid
Electronic throttle lock
Impeller Clutch Torque Converter (ICTC) with Lock-Up Clutch and rimpull control system
Rimpull control system
Planetary powershift, 3F/3R electronic control transmission
Delayed engine shutdown
Oil-cooled, multi-disc, service brakes
Electro-hydraulic parking brake

LINKAGE

Standard lift

ELECTRICAL

Alternator
Batteries, low maintenance
10/15 amp, 24V to 12V converter
Disconnect switch to bumper
LED warning lights (pattern selectable)
LED lighting system (working lights, access and service platform lights, turn signals/hazard lights)
Emergency jump-start receptacle
Starter and transmission lockout in bumper
24V starting and charging system
Electric starters

OPERATOR ENVIRONMENT

Premium seat with heated and actively cooled leather, adjustable lumbar support, air adjustable bolsters on the seat and backrest, seat cushion tilt adjustment and two-way thigh support adjustment

Bonded glass, tinted
Trainer seat
Dual-lever lift and tilt function controls
Implement kickouts
Air conditioner
Cab pressure indicator
Graphical touchscreen information display conveys real-time operating information
Heater, defroster, auto temperature controls
Powered cab precleaner
Operator presence status
Starting/charging system malfunction
Electronic OMM
Operator controls help
Two USB charging ports
CB mounting, 12V/24V power and antenna
14-pin service port
12V power
Selectable application profiles
Entertainment radio mute
Push-To-Start (PTS)
Warning/indicator instrumentation
Keypad control with indicator lights
Dome light in cab
Lunchbox and beverage holders
Electro-hydraulic force feedback steering
Vital Information Management System (VIMS™) with information display: external data port, cycle timer
Coat hook
Gauge instrumentation with configurable widgets:

- Status indicators
- Wheel rev counter
- Simplified payload
- Tire pressure monitoring system (optional)
- Bucket angle
- Coolant temperature
- Hydraulic oil temperature
- Fuel level
- Power train oil temperature
- Engine speed (tachometer)
- Transmission gear
- Ground speed
- Engine hour meter

SAFETY

Ground-access ladders
Rear-vision camera
Front frame access with steps

Front walkway around cab
Pump bay access ladders with T-handle and platform
Tie-offs on ROPS and radiator guards
Steering frame lock
Stairways on both sides of the machine
LED stairway and access lights
Toe kicks
Electric (field and shop) horns
Retractable seatbelt, 76 mm (3 in) wide
Trainer seat with lap belt, 76 mm (3 in) wide
Back-up alarm
Secondary steering

MACHINE CONTROL AND GUIDANCE

MineStar™ Health ready
MineStar GUIDE ready
MineStar Edge ready

FUEL TANK

12 hour (3240 L/856 gal)

COOLING

Standard ambient package (recommended for site conditions that do not exceed 43° C [110° F])

GROUND-LEVEL SERVICE CENTER

Service center light
Implement and cooling fan oil level indicator
Steering and brake oil level indicator
Window washer solvent level indicator
Transmission oil level indicator
DEF level indicator (if equipped)
Fuel level indicator
Engine oil level indicator
Engine coolant level indicator
Automatic lubrication system grease tank level indicator
DEF purge indicator lamp
Transmission lockout and LED
Starter lockout and LED
Heavy-duty battery disconnect switch
Stairway light switch
Service lighting switch (if equipped)
Fuel shutoff engine shutdown switch
Engine oil fast-fill port
Transmission oil fast-fill port

Steering and brake hydraulic oil fast-fill port
Steering and brake hydraulic oil drain port
Oil renewal system fast-fill port (if equipped)
Engine coolant fast-fill port
DEF fill port (HRC only)
Implement and cooling fan hydraulic oil fast-fill port
Implement and cooling hydraulic oil drain port

Automatic lubrication system grease tank fill port
24V jump-start receptacle
240V jacket water and engine oil heater plug (if equipped)
12V power port
VIMS key switch
14-pin machine data port

SERVICE

EH steering eliminates need for neutralizer adjustment
In-tank mounted cartridge-type case drain filters with in-line magnetic plugs on implement, cooling fan, brake and steering pumps
High-pressure screens on the output side of implement, cooling fan, brake and steering pumps
Pump efficiency monitoring
Automatic lubrication system greases the linkage, hitch, steering and axle trunnion bearings
Electronic pressure control of the automatic lubrication system eliminates pressure adjustment and monitors grease thickness for temperature compatibility
Rock guards on linkage grease lines
Cat O-ring face seal couplings
Lockable service access doors
Ecology drains for engine, radiator, hydraulic tank, steering and brake tank, brake cooling tank and axles
High-speed engine oil change system
Ground-level fast-fill fuel system
Transmission guard
Drawbar hitch with pin
Cat XT™ hoses
Left-side service center
Oil sampling valves
Automatic Autolube filling shutoff valve
Telematics and Cat Electronic Technician service port in bumper
Air filter remaining useful life sensor
Premixed 50% concentration of extended-life coolant with freeze protection to -34° C (-29° F)
Rear access to cab and service platform
Load-sensing steering
Supplemental steering system
Vandalism protection caplocks
Cooling cleanout service package
VIMS download and Cat Electronic Technician service port in bumper
Service lights (engine bay, service center)
EH steering eliminates need for neutralizer adjustment

EFFICIENCY

On demand throttle, HP Plus, and Enhanced ECO Modes

Variable displacement implement pumps

Variable displacement load sensing steering

Variable displacement cooling fan pump

Torque converter lock-up clutch

995 OPTIONAL EQUIPMENT

POWER TRAIN

Oil Renewal System (ORS)* (for increased time between oil changes)

LINKAGE

High lift

OPERATOR ENVIRONMENT

Rubber-mounted, high-impact resistant solar control glass

Trainer seat with suspension

Joystick lift and tilt function controls

Bluetooth®-enabled machine security

Sun screen, pull down (front and rear)

AM/FM/AUX radio

AM/FM/AUX/USB/BT/CD/SAT radio

SAFETY

Powered ground-access stairs

Cat Detect (Rear Object Detection)

Wheel chocks

COLD WEATHER

Cold-weather cooling fan bypass (recommended for temperatures below -29° C [-20° F])

Heavy-duty starter (provides an additional electric starter motor and two additional batteries for a total of three starter motors and six batteries) (recommended for temperatures below 0° C [32° F])

240V engine oil and coolant heating elements (recommended in conditions from -18° C to -30° C [0° F to -22° F])

Fuel heater (heated by recirculation using engine heat and a heat exchanger) (recommended in conditions from -18° C to -30° C [0° F to -22° F])

Heated mirrors (recommended for below-freezing temperatures)

MACHINE CONTROL AND GUIDANCE

Cat Payload with Overload Prevention

New Autodig Components:

- Tire slip prevention
- Lift stall prevention
- Tire set

Operator coaching

FUEL TANK

24 hour (5350 L/1414 gal)

COOLING

High ambient package (recommended for site conditions that do not exceed 53° C [127° F])

RIMS AND TIRES

Rims – 1194 mm (47") (47 × 57); 152 mm (6") flange; For use with 58/85-57; 84PR L4 tires

Rims – 1194 mm (47") (47 × 57); 127 mm (5") flange; For use with 60/80 R57; L5R XMine D2 SR tires

Tires – 58/85-57 84PR L4 (require 47" rims)

SPARE RIMS

1194 mm (47") 152 mm (44 × 57) (6") flange

1194 mm (47") 127 mm (47 × 57) (5") flange

SERVICE

Product Link™ satellite

Product Link cellular

Product Link (modo dual: satélite/celular)

Luces de servicio adicionales (bahía de bomba, marco delantero y parachoques)

SONIDO

Paquete de insonorización