

PRODUCT SPECIFICATIONS FOR 140K

Base Power (1st Gear) - Net	128 kW
Engine Model	Cat C7
Displacement	7.2 l
Bore	105 mm
Stroke	127 mm
High - Ambient Capability	50 °C
Derating Altitude	3048 m
Number of Cylinders	6
Maximum Torque	996 N·m
Torque Rise	46%
Note (1)	Net power is tested per ISO 9249, SAE J1349, and EEC 80/1269 standards in effect at the time of manufacture.
VHP Range - Net	128-143 kW (171-191 hp)
Note (3)	Maximum torque measured at 1,000 rpm in gears 4-8.
Note (2)	Net power advertised is the power available at rated speed of 2,000 rpm, measured at the flywheel when engine is equipped with fan, air cleaner, muffler and alternator.

Blade Width	3.7 m
Arc Radius	413 mm
Throat Clearance	120 mm
End Bit - Width	152 mm
Cutting Edge Width	152 mm
End Bit - Thickness	16 mm
Cutting Edge Thickness	16 mm
Moldboard - Height	610 mm
Moldboard - Thickness	22 mm
Moldboard Sideshift - Left	512 mm
Circle Centershift - Left	752 mm
Moldboard Sideshift - Right	663 mm
Circle Centershift - Right	728 mm
Maximum Lift Above Ground	480 mm
Maximum Shoulder Reach Outside of Tires - Left	1896 mm
Blade Tip Range - Forward	40°
Maximum Shoulder Reach Outside of Tires - Right	1978 mm
Maximum Depth of Cut	735 mm

Blade Tip Range - Backward

5°

Circle - Outer Diameter

1530 mm

Front Axle - Wheel Lean - Left/Right

18°

Front Axle - Total Oscillation per Side

32°

Gross Vehicle Weight - Typically Equipped

17271 kg

Gross Vehicle Weight - Typically Equipped - Rear Axle

12335 kg

Gross Vehicle Weight - Typically Equipped - Front Axle

4936 kg

Gross Vehicle Weight - Base - Total

14750 kg

Gross Vehicle Weight - Base - Rear Axle

10491 kg

Gross Vehicle Weight - Base - Front Axle

4259 kg

Gross Vehicle Weight - Typically Equipped - Total

17271 kg

140K STANDARD EQUIPMENT

NOTE

Standard and optional equipment may vary. Consult your Cat dealer for details.

ELECTRICAL

Alternator, 115 ampere
Backup alarm, reversing lights
Batteries, maintenance free 750 CCA
Common fuse block
Electrical system, 24 volt
Horn, electric
Indication display
Lights, stop and tail
Motor, starting
Product Link ready
Working lights

OPERATOR ENVIRONMENT

Accelerator
Control console, adjustable
Gauge cluster (includes voltmeter, articulation, engine coolant temperature, air brake pressure and fuel level)
Guard rails, operator station
Hydraulic controls, load sensing (right/left blade lift, circle drive, centershift, sideshift, front wheel lean and articulation)
Indicator lights (includes high beam, LH and RH turn, low engine oil pressure, throttle lock, check engine, transmission filter bypass and check, centershift pin, brake air pressure, parking brake engaged, auto shift)
Key start/stop switch
Meter, hour

Power steering, hydraulic
Seat, vinyl-covered static
Seat belt
Steering wheel, tilt, adjustable
Storage area, cooler/lunch box
Throttle, electronic control

POWER TRAIN

Air cleaner, dry type radial seal with service indicator and automatic dust ejector
Air to air after cooler (ATAAC)
Blower fan
Brakes, oil disc, four-wheel air actuated
Differential with lock/unlock
Eco mode
Engine idle shutdown
Engine, Cat C7 diesel with automatic engine derate and idle control - emits equivalent to Tier 3/Stage IIIA

Fuel water separator
Muffler, under hood
Next gen filter design
Parking brake, multi-disc, sealed and oil cooled
Prescreener
Priming pump, fuel, resiliently mounted
Sediment drain, fuel tank
Tandem drive
Transmission, 8 speed forward and 6 speed reverse, power shift, direct drive with electronic shift control and overspeed protection
VHP (Variable Horse Power)

OTHER STANDARD EQUIPMENT

Blade Float
Bumper, rear
CD ROM Parts Book
Circle drive slip clutch
Cutting edges, 152 mm x 16 mm (6 in x 5/8 in) curved DH-2 steel
Doors, engine compartment
Drawbar, 6 shoe, replaceable nylon composite wear strips
End bits, 16 mm (5/8 in) DH-2 steel
Frame, articulated with safety lock
Fuel tank, 305 L (80.6 gal)
Ground level engine shutdown
Link bar, 7 position
SOS ports, engine, hydraulic, transmission and cooling
Toolbox with padlock
Vandalism protection - including cap locks for hydraulic tank, radiator access cover, fuel tank, engine and transmission oil check/fill and lockable battery boxes

ANTIFREEZE

Extended Life Coolant to -35 degrees Celcius (-30 degrees Fahrenheit)

140K OPTIONAL EQUIPMENT

NOTE

Standard and optional equipment may vary. Consult your Cat dealer for details.

GUARDS

Guard, transmission

OPERATOR ENVIRONMENT

Air conditioner with heater

Heater, cab

CAB/CANOPY

Cab, ROPS

Cab, Non-ROPS

Canopy, ROPS

Seat, vinyl adjustable

Seat, cloth, contour

Fan, defroster, front window

Fan, defroster, rear window

Sun shade, rear

Wiper/washer, rear

Wipers, intermittent front

Mirrors, dual inside

Mirror, heated

Mirrors, outside mounted

Power port, 12V accessory

Radio, Bluetooth

Radio ready entertainment

Rear vision camera

Tachometer/speedometer

RIPPER/SCARIFIER

Ripper/scarifier, rear mounted

Scarifier, mid mounted, V-Type

LIGHTS

Bar mounted, low, directional and headlights

Beacon light

Combination headlight

Cab and bar mounted, high, directional, headlights and work lights

Rear facing cab lights

POWER TRAIN

Autoshift

OTHER ATTACHMENTS

Cross Slope Indicate

Product Link

Product Link Elite

Snow Wing Mounting, frame-ready

AccuGrade ARO

Dryer, air

Push plate, counterweight

Accumulator, blade lift

Battery, extreme duty (1,400 CCA)

Ether, starting aid

Heater, engine coolant, 220V

Circle Saver

Ripper tow package

HYDRAULICS

Pump, hydraulic, high capacity (210 L/min, 55.7 gal/min)

Hydraulic arrangements with one or more additional hydraulic valves are available for rear ripper, mid-mount scarifier, dozer, snow plow and snow wing

BLADES, MOLDBOARDS

Moldboard - Blade 4267 mm x 610 mm x 22 mm (14' x 24" x 7/8")

Moldboard, top adjust drawbar, circle

Blade, front

Cutting edge, 203 mm x 19 mm (8" x 3/4") - for use with 4.3 m (14') blade

End bits, overlay, reversible pair for use with 203 mm (8") cutting edges

