

PRODUCT SPECIFICATIONS FOR 631 PARTIAL SCRAPER



ENGINE

Tractor Engine	Cat® C18
Flywheel Power - Tractor	425 kW
Note	Meets U.S. EPA Tier 4 Final or EU Stage V emission standards, or equivalent to U.S. EPA Tier 2, or equivalent to U.S. EPA Tier 3 and EU Stage IIIA.

TRANSMISSION

Top Speed - Loaded	55.8 km/h
1 Forward	5.5 km/h
2 Forward	10 km/h
3 Forward	12.4 km/h
4 Forward	16.9 km/h
5 Forward	22.7 km/h
6 Forward	30.6 km/h
7 Forward	41.4 km/h
8 Forward	55.8 km/h
Reverse	9.9 km/h

STEERING

Width - 180° Turn	12.23 m
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STANDARDS

Brakes ISO 3450:2011

ROPS/FOPS ROPS: ISO 3471:2008. FOPS:ISO 3449:2005 Level II.

Cab Seat Belt: SAE J386:FEB2006

SERVICE REFILL CAPACITIES - TRACTOR

Fuel Tank 874 l

Crankcase 52 l

Transmission 110 l

Differential 158 l

Final Drive - Each 19 l

Cooling System 142 l

Hydraulic Reservoir 83 l

Windshield Washer 5 l

631 PARTIAL SCRAPER STANDARD EQUIPMENT

NOTE

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

POWERTRAIN

Cat® C18 engine with Mechanically Actuated Electronic Unit Injection (MEUI™)

Transmission: 8-speed planetary powershift, ECPC control, APECS software, programmable top gear selection, transmission hold, differential lock, guard - power train, ground speed control, machine speed limit

Cat engine brake

Electric start, 24V

Air cleaner, dry type with precleaner

Fan, hydraulic

Ground level engine shutdown

Radiator, aluminum unit core, 9 fins per inch

Guard, crankcase

Starting aid, ether

Braking system: primary and secondary, wet disc, hydraulic; parking, hydraulic-released, spring-applied

ELECTRICAL

Alternator, 115 ampere

Batteries (4), 12V, 1,000 CCA, maintenance free, high output

Electrical system, 24V

Lighting system: LED

Starting/charging receptacle

OPERATOR ENVIRONMENT

HVAC system, heat, AC, defrost

Thermostat control of HVAC system

Coat hook

Lunchbox platform with holding strap

Diagnostic connection (2)

12V power ports (2)

Differential lock

Dome courtesy light

Horn, electric

T-handle implement control

Radio ready

ROPS/FOPS cab, pressurized

Keypad switches: rear engine start; throttle lock; wipers/washers; hazard lights; worklights on, off; information mode; messenger display; safety tab rocker switches, parking brake

Seat belt, static two-piece

Windows, sliding

Windows, laminated, zipped in

Windshield wipers, front and rear windows, includes washers

Mirror, rearview

Door lock

Messenger display

Display gauges, warnings include: coolant temp; engine oil temp; hydraulic oil temp; DPF temp; fuel level; park brake; implement lockout; brake system, regeneration required; throttle lock; system voltage; secondary steering; bail down; differential lock; apron float; transmission hold; high beam lights; action lamp; engine speed, rpm; gear selection; DPF fill levels

Safety tab rocker switches

Seat: Cat Advanced Ride Management (ARM), Cat Comfort Series III, rotates 30 degrees

Steering wheel, tilt, telescoping, padded

Windows, right side emergency egress

Messenger display

FLUIDS

Extended life coolant to -37° C (-34° F)

OTHER EQUIPMENT

Advanced cushion hitch

Accumulators (cushion hitch and brake) with Canadian registration number (CRN)

Tow pin, front

Fenders, non-metallic

Heater, engine coolant 120V

OTHER ATTACHMENTS

Fast-fill fuel tank

631 PARTIAL SCRAPER OPTIONAL EQUIPMENT

OTHER ATTACHMENTS

Camera arrangement: Work Area Vision System (WAVS)

Cab beacon

Air horn

Air horn and beacon

Kingbolt housing

Rear wheel arrangement (set of 2)

Scraper draft arm package

Steering cylinder group (set of 2)