The Tigercat C640E is a specialized high capacity clambunk skidder best suited to long distance skidding and extremely soft terrain.

**BENEFITS AND ADVANTAGES:**

**Powerful, efficient Tigercat FPT Tier 4f engine**
- Simple, reliable SCR emission control technology
- Automatic, variable engine speed for high fuel efficiency
- Operator controlled maximum speed setting

**High capacity cooling system**
- Automatic variable pitch fan for reduced fuel consumption

**Enhanced hydrostatic drive system**
- Extremely efficient driveline
- Excellent performance in adverse terrain

**Advanced electronic control system**
- Intuitive user interface
- Provides precise control of all machine functions

**Designed and built for extreme duty**
- Strength optimized frames; strong centre section

**Excellent service access**
- Spacious engine enclosure
- Tilt cab for access to pumps, motors and driveline

**Turnaround® equipped operator’s station**
- Two-position Turnaround seat with ergonomic joystick steering
- Full rear-facing drive controls reduces cycle times
- Excellent visibility to the sides of the engine house

**Large capacity Tigercat clam grapple**
- Elevates the load for reduced drag resistance
C640E CLAMBUNK SKIDDER

SPECIFICATIONS

DIMENSIONS
- LENGTH: 10 290 mm (405 in)
- WHEELBASE: 6 325 mm (249 in)
- WIDTH: 3 480 mm (137 in)
- HEIGHT: 3 150 mm (124 in)
- GROUND CLEARANCE: 635 mm (25 in)
- WEIGHT: 20 850 kg (45,960 lb)

POWER
- ENGINE: Tigercat FPT N67 Tier 4f
  Optional: Tigercat FPT N67 Tier 2
  - 194 kW (260 hp) @ 2,200 rpm
  - 198 kW (266 hp) @ 2,100 rpm
- AIR FILTRATION: Pre cleaner and 2-stage engine air cleaner
- TOP SPEED: 21 km/h (13 mph)
- COOLING: Side by side aluminum radiator, oil cooler, charge air cooler and A/C condenser
- FAN: Fixed pitch, blower
- Optional: Flexxaire® variable pitch, reversing
- FUEL CAPACITY usable: 305 L (81 US gal)
- DEF CAPACITY Tier 4f: 43 L (11 US gal)

POWER TRAIN
- TRANSMISSION: Single-speed mechanical
  Optional: Variable speed hydrostatic (2) variable displacement motors
- AXLE, FRONT: Tigercat OB17, outboard planetary, barrel differential, +/- 15° oscillation
- AXLE, REAR: Tigercat WOF17 wide-spread bogie, outboard planetary, flange differential
- DIFFERENTIAL LOCKS: Independent front and rear

HYDRAULIC SYSTEM
- PUMP, DRIVE: Piston
- PUMP, MAIN 1: Piston for all machine functions
- PUMP, MAIN 2: Gear for cooling
- FILTRATION: (2) spin-on, 7 micron full flow
- RESERVOIR: 105 L (28 US gal)
- CYLINDERS, CLAM: (2) 127 mm (5 in) bore
- CYLINDERS, STEER: (2) 85 mm (3.25 in) bore
- CYLINDERS, BLADE: (2) 90 mm (3.5 in) bore

BRAKES
- DYNAMIC BRAKING: Hydrostatic
- SECONDARY BRAKES: Enclosed, oil cooled
- PARK BRAKE: Caliper; Spring applied/hydraulic release

TIRES
- FRONT: 35.5x32.26
- REAR: 30.5x32.24
- OPTIONAL: Available upon request

GRAPPLE
- STANDARD: Tigercat 2,97 m² (32 ft²)
  - 2-cylinder, box tong
- MAXIMUM OPENING: 2 670 mm (105 in)

BLADE
- WIDTH: 2 285 mm (90 in)
  With optional extensions: 2 920 mm (115 in)

ELECTRICAL
- BATTERY: (2) 12 v
- ALTERNATOR: 80 amp, 24 v
- SYSTEM VOLTAGE: 24 v

OPERATOR’S STATION
- CAB: Insulated, pressurized and isolation mounted air conditioner/heater/defroster; (2) doors with slide side windows and hinged screens
  - Forward sloping windshield
  - AM/FM digital stereo CD, CB radio
- SEAT: Extreme duty Turnaround, air ride; Fully adjustable height, seat back recline, lumbar support and armrests; 2-position mechanical lock, 100° rotating for rear-facing drive, heated and cooled
- OPERATOR CONTROLS: Electronic joystick for grapple/blade/steering
  - Electronic foot pedal, front and rear with forward/reverse selector switch for drive
  - Electronic control system with colour LCD display screen interface for machine monitoring and function adjustment

OTHER STANDARD EQUIPMENT
- Alarm for reverse drive; Fuel suction strainer
- Fire extinguisher; Pressurized water system
- Fenders

OPTIONAL EQUIPMENT
- Halogen lighting package; HID lighting package
- Cold weather kit

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