

6040 CARBONIZER

The 6040 carbonizer is an advanced, cost-effective and environmentally appealing wood debris conversion system. The carbonizer sequesters carbon for carbon credits and beneficial reuse while reducing total fibre volume onsite.



BENEFITS AND ADVANTAGES:

Sequesters carbon for carbon storage, carbon credits and carbon-based product reuse

Eco-friendly method to reduce wood debris

- Self contained mobile off road process
- Reduces wood debris volume onsite
- Accepts logs, limbs, brush, stumps, yard waste

High processing capacity

- High infeed rates
- No material pre-processing required
- Manufactures a high quality organic carbon

Cost-effective solution

- Reduces debris transportation
- Low operating cost with single person operation

Easy mobility within site and from site-to-site

- Simple remote control two-speed drive system
- Track mounted to effortlessly manoeuvre for travel
- Easily transported from site-to-site

Operator friendly with excellent service access

- Live stream video provides full visibility for feeding
- Clear access to engine and daily service points
- Product discharge conveyer for final product handling

6040

DIMENSIONS	
LENGTH	11 350 mm (447 in)
WIDTH	3 660 mm (144 in)
HEIGHT	3 660 mm (144 in)
GROUND CLEARANCE	330 mm (13 in)
WEIGHT	37 650 kg (83,000 lb)
POWER	
ENGINE Tier 4f	Tigercat FPT N67 Tier 4f 151 kW (202 hp) @ 2,200 RPM
COOLING	Side-by-side aluminum radiator, oil cooler
FAN	Hydraulic driven, fixed pitch blower, reversible
FUEL CAPACITY	455 L (120 US gal)
DEF capacity	45 L (12 US gal)
HYDRAULIC SYSTEM	
PUMP, MAIN	Piston for all machine functions
RESERVOIR	200 L (54 US gal)
FILTRATION	(4) Spin-on, 7 micron full flow
UNDERCARRIAGE	
TRACK FRAMES	5 Series, heavy-duty
FINAL DRIVE	(2) Axial piston motors with brake valves Infinitely variable speed
FRONT IDLER	Hydraulic track adjuster; Spring shock absorber
SLIDES, UPPER	Replaceable
ROLLERS, LOWER	(10) D5 single/double flange tractor type
TRACK SHOE	700 mm (28 in) triple grouser
CARBONIZING CHAMBER	
ENCLOSURE	(19) Individually hung, replaceable thermo-ceramic panels
GRATES	(7) Primary chamber grates Rotatable for extended use life
WEAR PLATES	Replaceable, upper perimeter of primary chamber
AIRFLOW SYSTEM	Single over-air fan, hydraulically driven Dual under-air fans, hydraulically driven

QUENCHING SYSTEM	
PUMP, QUENCHING	Hydraulically driven Onboard quenching water system (external water supply required) System drain for cold weather
CONNECTION	Camlock, 25 mm (1 in)
FLOW RATE	4-11 L/min (1-3 US gal/min)
AUGER SYSTEM	
AUGER TROUGH	Bolt-in assembly
AUGERS	(2) 3-Section, horizontal (1) Centre incline
WEAR STRIPS	Bolt-in, replaceable auger wear strips
DISCHARGE SYSTEM	
CONVEYOR	3,65 m (12 ft) clearance, 105° rotation Foldable for transport
BELT	Neoprene rubber with molded cleats
ELECTRICAL	
BATTERY	(2) 12 v
ALTERNATOR	75 amp, 24 v
SYSTEM VOLTAGE	24 v
OPERATOR CONTROLS	
CONTROL SYSTEM	Electronic control system with LCD colour touchscreen for machine monitoring and function adjustment
CAMERA SYSTEM	Video coverage of entire feeding area
OTHER EQUIPMENT	
STANDARD	LogOn™ local wifi machine monitoring system
OPTIONAL	RemoteLog® telematics system Over band magnet with discharge chute Quenching water pre-pump filter Weather monitoring system records temperature, wind direction, wind speed and humidity

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WEIGHTS AND DIMENSIONS MAY VARY SUBJECT TO MACHINE OPTIONS AND CONFIGURATIONS.

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