

**BROOKVILLE EQUIPMENT CORP.
MODEL 1044TC
Diesel 10 Ton Rubber Tire Tractor**

General Specifications of the Diesel-Powered Equipment Package

Engine Manufacturer		Deutz		
Engine Model		BF4M2012		
Horsepower		100 HP		
Rated Speed		2500 RPM		
Manufacturer's Maximum Recommended Exhaust Backpressure (In H ₂ O)		40.15 Inches Water Gauge		
Maximum Exhaust Out Temperature		302 deg F		
MSHA Engine Approval		MSHA Part 7		
MSHA Certification No.		07-ENA040002-0 (Part 7)		
Rated Speed		2500 RPM		
Rated Horsepower		100 HP		
Exhaust GAS Flow (SCFM)		703 CFM @ 500 deg C		
ISO 8178-1 Average DPM (gr/hr)		4.51 gr/hr		
Average Ambient DPM Level (mg/m3)		0.0137 mg/m3		
MSHA Ventilation Rate (CFM)		6,000 CFM (Part 7)	CFM (Part 32)	
Pa. State Ventilation Rate (CFM)				
Emissions Control System		DST Management System		
Fuel Injection Pump	Make	Bosch		
	P/N	0 118 2384 KZ		
Oxidation Catalyst	Make	Syncat Corp.		
	P/N	M113-210-02		
Heat Exchanger	Make	Paas Tech.		
	P/N	M150-301-01		
DPM Filter	Make	Fleet Guard	Model	M 30
	P/N	M 30	Outer Filter Size	16 x 12 in Diameter
	Air Rating (CFM)	2100 CFM	Inner Filter Size	10 x 6 in Diameter
	Surface Area (in ³)	42,231 in ³	Filter Length	20 in
	Efficiency			
	Recommended Exhaust Back-Pressure			25 Inches Water Gauge