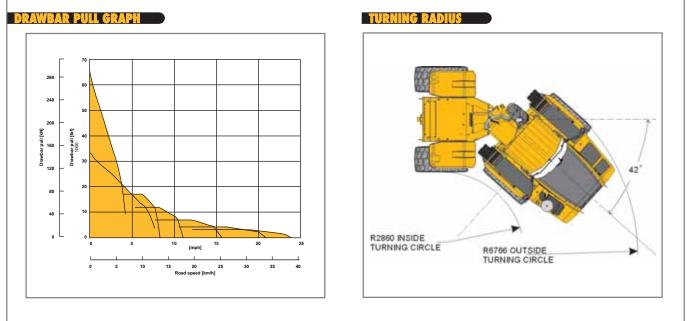




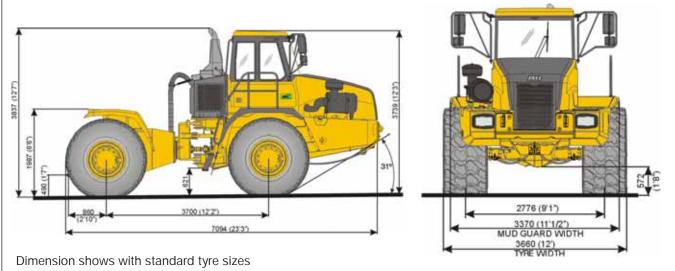


ENGINE			
	Mercedes Benz OM501LA		
Configuration Aspiration Cooling System	V-6 Turbocharged and intercooled Liquid cooled with single pass radiator as well as charge air cooler	HYDRAULIC SYSTEM (continued) Filter	10 micron
Gross power	315 kW (422 hp) @ 1 800 rpm SAE J1349	Scraper Configurations	2 Scrapers: 3 controls per scraper 3 Scrapers: 2 controls per scraper
Net Power Gross torque Net Torque Displacement Fuel tank capacity Certification	308 kW (413 hp) @ 1 800 rpm 2 000 Nm (1,473 lbft) @ 1 080 rpm SAE J1349 1 974 Nm (1,453 lbft) @ 1 080 rpm 11,95 litres (730 cu.in) 485 l (128 US gal) Tier3/Stage3a (Tier 2 for non regulated countries)	Hydraulic Control Valve - Scrapers	The Control Valve is a stackable multi- section, load sensing, pressure compensated, proportional directional valve with port relief valves in the down ports. The valve consists of 6 sections. Coupling is done via 12 female quick couplers situated on the rear of the machine.
TRANSMISSION Layout Gear layout	Allison HD 4060 Engine mounted box with rear output	Electro Hydr. controls - Scrapers	Parker Hydraulics IQAN System. Fully programmable. Hydraulic Flow Rates can be adjusted on Display Module.
Gears Clutch type Control type Torque converter layout	Constant meshing planetary gears, clutch operated 6 Forward, 1 Reverse Hydraulically operated multi-disc Electronic	PNEUMATIC SYSTEM	Air drier with heater and integral unloader valve, serving park brake and auxilia ry functions 810 kPa (117 psi)
Vehicle speeds km/h mph	Hydrodynamic, with lock-up in all gears 1st 2nd 3rd 4th 5th 6th R 7,6 14,0 18,7 26,7 36,2 39,0 5,6 4.7 8.7 11.6 16.6 22.5 24.2 3.5	ELECTRICAL SYSTEM Voltage Battery type	24 V Two maintenance free permanently sealed
TRANSFER CASE	VGR 17000	Battery capacity Alternator rating	2 x 105 Ah (optional 2 extra batteries) 28 V 100 A
AXU S Differential type	Three inline helical gears, 50/50 torque split Bell 25 tonne Spiral bevel type with Controlled Traction	STEERING SYSTEM Angle Lock to lock turns	Hydrostatically actuated by two double acting cylinders, with ground-driven emergency steering pump. +- 42 degrees 4.7
Final drive type Housing type BRAKING SYSTEM	Differentials (CTD) Outboard heavy duty planetary Steel fabricated	OPERATING WEIGHTS Front Rear Gross Weight	14 000 kg (30,867 lbs) 6 976 kg (15,379 lbs) 20 976 kg (46,148 lbs)
SERVICE BRAKE Maximum brake force PARK & EMERGENCY	Dual circuit, full hydraulic actuation ventilated dry disc brakes 134 kN (30, 124 lbf) Spring applied, air released driveline-	GCM STANDARD EQUIPMENT	153 376 kg (205,628 lbs) (When used in combination with Terra Titan S4412B Scraper)
Maximum brake force Auxilliary Brake	mounted disc. 440 kN (98,920 lbf) Automatic exhaust brake and Engine Valve Brake (EVB)	Cab	ROPS/FOPS certification • Handrails on fenders • Tilt cab for service access • Gas strut supported door • Tinted safety glass • Sliding windows • Rearview mirrors- regular
Tyre Size Type Optional Size Type	875/65R29 Radial Earthmover 73x50 32PR Log Stomper		and wide angle • Sun visor • Wiper/washer with intermittent control • Rear window wiper/washer • Tilt and telescoping steering wheel • Adjustable, air suspension seat with
Front type Rear type HYDRAULIC SYSTEM	Semi-independent leading A-frame supported by nitrogen/oil struts Solid mounted		<ul> <li>degrees • HVAC climate control system</li> <li>with filtered and ducted air • Air horn</li> <li>Electrical relays and circuit breakers</li> <li>Ashtray • Drinks holder</li> <li>Cooled/heated lunchbox • Wheel</li> </ul>
Pump Type Application Flow: Pressure:	prioritized steering, scraper and brake functions. A ground-driven, load sensing emergency steering pump is integrated into the main system Variable displacement, loadsensing piston Steering, scraper operation, hydraulic brake charging and cooling fan drive		MDU Features • Trip timer • Trip distance • Diagnostics • Intermittent wiper timing control • Speedo calibration for alternative tyre sizes • Metric /Imperial unit selection • Warning lights with audible buzzerTow recovery cable
Optional Size Type SUSPENSION Front type Rear type HYDRAULIC SYSTEM Pump Type Application	73x50 32PR Log Stomper Semi-independent leading A-frame supported by nitrogen/oil struts Solid mounted Full load sensing system serving the prioritized steering, scraper and brake functions. A ground-driven, load sensing emergency steering pump is integrated into the main system Variable displacement, loadsensing piston Steering, scraper operation, hydraulic		<ul> <li>Rear window wiper/washer telescoping steering wheel</li> <li>Adjustable, air suspension stretractable seat belt, rotated la degrees • HVAC climate control with filtered and ducted air • 1</li> <li>Electrical relays and circuit la Ashtray • Drinks holder</li> <li>Cooled/heated lunchbox • V spanner set</li> <li>MDU Features • Trip timer • Ta distance • Diagnostics • Inter wiper timing control • Speedd calibration for alternative tyre</li> <li>Metric /Imperial unit selectio</li> <li>Warning lights with audible but set of the section of</li></ul>

	4206	CONSTRUC SCRAPER 4X4 M	
(continued) Brakes Other	<ul> <li>Analogue Gauges • Engine coolant temperature • Engine oil pressure • System air pressure • Transmission oil temperature • Fuel • Speedometer</li> <li>LCD Display • Transmission gear selection • Tachometer • Battery voltage • Hourmeter • Odometer</li> <li>Vented dry disc calipers on front and rear axles</li> <li>Fully hydraulically actuated Spring applied air release park brake on rear driveshaft</li> <li>Ground driven emergency steering Tow recovery cable • Fleetmatic Satellite Monitoring System</li> </ul>	OPTIONAL EQUIPHIE	<ul> <li>(Factory and field installed)</li> <li>Electrically adjustable rearview mirrors</li> <li>Retractable sun visor</li> <li>Tyre pressure monitoring</li> <li>Fleetmatic product packages</li> <li>29.5R25 radial earthmover tyres</li> <li>Groeneveld central lubrication system</li> <li>Flashing beacon</li> <li>Work lights</li> <li>Artic reverse light</li> <li>Electrical horn</li> <li>2 extra batteries</li> <li>Fuel filter heating element</li> <li>Electric adjust and heated mirrors (one per side)</li> <li>Dual circuit oil immersed multidisc brakes on front and rear axles with remote multidisc brake cooler</li> <li>CD/FM Radio</li> </ul>
		Provision for:	Wiggins quick fueling system



## DIMENSIONS







## What makes the 4206D the Ultimate Scraper Tractor...

- True construction machine heritage.
- Heavy duty drivetrain, transmission and axles designed for 60 ton + gross weight application.
- Supreme driver comfort from a nitrogen over oil strut semi independent suspension system.
- Programmable Hydraulic Control System permitting fine tuning of the Scraper controls.
- Torque converter drive with lock up clutch provides torque multiplication while reducing drivetrain shock loads.
- Lock up clutch provides direct drive economy.

