

JCB 444 ENGINE



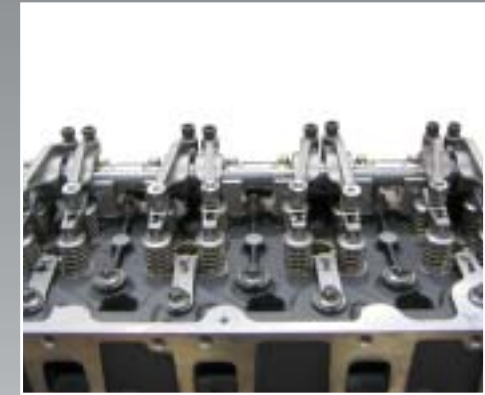
Hard Working
by Design

FAST FACTS

- Designed specifically for mid range construction equipment
- Robust and durable
- Increased low speed torque
- Low noise: 89dBA at 1m max
- Power ratings from 54kW to 106kW (72hp to 140hp)
- Low fuel consumption
- 4 valves per cylinder
- Heavy duty bedplate structure
- Rear gear train
- 60kW (80hp) power take off
- Tier 3 mechanical and electronic common rail fuel systems
- Service and parts support from JCB Worldwide network



Heavy duty power take off



Four valves per cylinder



Integrated water pump & alternator mounting with poly vee drive



Bedplate, integrated oil cooler & second power take off

Stage 2 / Tier 2 Emissions	JCB444	JCB444T	JCB444TA	
Maximum Power (kW) @ 2200rpm	63	74	106	
Maximum Torque (Nm) @ 1300rpm	320	425	525	
Minimum BSFC (g/kW hr)	210	210	200	
Maximum Noise (dBA @ 1m)	89	89	89	
Fuel System	Rotary Mech	Rotary Mech	Rotary Mech	
Aspiration	Natural	Turbo	Turbo intercooled	
Stage 3a / Tier 3 Emissions	JCB444	JCB444T	JCB444TA	JCB444TAE
Maximum Power (kW) @ 2200rpm	58	68	74	120
Maximum Torque (Nm) @ 1300rpm	300	390	425	650
Fuel System	Rotary Mech	Rotary Mech	Rotary Mech	Common Rail
Aspiration	Natural	Turbo	Turbo intercooled	Turbo intercooled