

T-SERIES

BACKHOE LOADERS

SPECIFICATIONS

580T

ENGINE	Conform to 97/68/CE Tier 3 standards for reduced pollution - 4 cylinders Turbocharged 4,5 liter	
Injection system	Direct Mechanical	
Make	CNH 445TA/ML5	
Power (according to ISO 14396)	72 kW / 97 hp	
Maximum torque (according ISO 14963)	400 Nm @ 1400 1/min	
TRANSMISSION		
Powershuttle		
Forward speeds	6-10-21-40 Km/h	
Reverse speeds	7-12-25-47 Km/h	
Powershift		
Forward speeds	-	
Reverse speeds	-	
HYDRAULICS		
Type of pump and flow	Twin Gear Pump 156 l/min @ 2200 rpm	
Maximum pressure level	205 bars	
BATTERY	12 Volts / 12V 95Ah, 900A (SAE) / 120 A	
TURNING RADIUS		
Front tires 12.5/80-18, wheel not braked, 4WD engaged	4300 mm at ext. edge of front tires - 5600 mm at bucket corner	
AXLES, TIRES & BRAKE		
Brake	Power braking: brake with friction area of 2472 cm ²	
Tires	Tires must be multi-purpose, or industrial for hard terrain, or agricultural for loose terrain	
- Front tires	18" front with 26" or 28" rear	
- Rear tires	20" front with 30" rear	
Front axle: oscillation of +/- 11	Differential lock	
CAPACITIES		
Fuel tank	145 l	
Cooling system	24 l	
Hydraulic oil	122 l	
Gear box oil: Power Shuttle 4 WD	20.8 l	
PowerShift: Front axle 4WD Differential	6.5 l	
Output stage	0.7 + 0.7 l	
Rear axle 4WD Total	21.2 l	
EMISSIONS (g/kWh)		
CO ₂ emission	773	
NO _x emission	4.1	
HC emission	0.1	
CO emission	1.8	
PM emission	0.26	
NO _x + HCNM emission	4.2	
NOISE		
Internal dB(A)	77	
External dB(A)	102	
VIBRATION LEVELS	Upper limbs 2.5 m/s ² - Abdomen 0.5 m/s ²	