



BACK KHOE LOADER
ALPHA 388T

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Four-Wheel Drive (4WD)

1. ENGINE

- 1.1 ALPHA Brand Engine
- 1.2 Engine Manufacturer: ALPHA
- 1.3 Four-Cylinder, Four-Stroke Diesel Engine
- 1.4 Electronic Common Rail Fuel Injection with Turbocharger and Water Cooling System
- 1.5 Rated Engine Power: 100 hp
- 1.6 Rated Engine Speed: 2,200 rpm
- 1.7 Maximum Torque: 440 Nm
- 1.8 Peak Torque: 410 Nm @ 1,350 rpm
- 1.9 Emission Standard: US EPA Tier 3 or Higher
- 1.10 Engine Weight: 410 kg

2. POWERTRAIN

- 2.1 Four-Wheel Drive (4WD)
- 2.2 Maximum Travel Speed: 39 km/h
- 2.3 Torque Converter Transmission
- 2.4 Four Forward / Four Reverse Gears
- 2.5 Synch Shuttle Shift Transmission

3. STEERING SYSTEM

- 3.1 Hydraulic Power Steering

4. LOADER BUCKET

- 4.1 Front Loader Bucket with Hydraulic Control
- 4.2 Bucket Capacity: 1.0 m³
- 4.3 Maximum Dump Height: 3.40 m

5. BRAKE SYSTEM

- 5.1 Four-Wheel Hydraulic Service Brakes
- 5.2 Parking Brake

6. AXLE LOAD CAPACITY

- 6.1 Front Axle Capacity: 22.5 tons
- 6.2 Rear Axle Capacity: 18.75 tons

7. TIRE SPECIFICATIONS

- 7.1 Front Tires: 14-17.5
- Rear Tires: 19.5L-24

8. BACKHOE

- 8.1 Rear Backhoe with Hydraulic Stabilizer Outriggers
- 8.2 Side Shift Backhoe Frame
- 8.3 Auxiliary Hydraulic Circuit for Optional Attachments
- 8.4 Hydraulic Stabilizer Legs Operated from the Operator Station
- 8.5 Maximum Bucket Digging Force: 44 kN
- 8.6 Bucket Width: 600 mm
- 8.7 Bucket Capacity: 0.30 m³
- 8.8 Maximum Digging Reach: 5,300 mm
- 8.9 Maximum Digging Depth: 4,080 mm

9. ELECTRICAL SYSTEM

- 9.1 12-Volt Electrical System
- 9.2 Front and Rear LED Work Lights
- 9.3 LED Rotating Amber Beacon (150 mm Diameter)

10. OPERATOR'S STATION

- 10.1 ROPS Safety Canopy
- 10.2 Laminated Safety Glass with Sun Protection Film
- 10.3 ROPS/FOPS Certified Protective Structure
- 10.4 Factory-Installed Air Conditioning System
- 10.5 Standard Instrument Panel
- 10.6 Safety Alarm and Standard Safety Equipment

11. HYDRAULIC SYSTEM

- 11.1 Hydraulic System Pressure: 18 MPa

12. OPERATING WEIGHT

- 12.1 Operating Weight: 8,600 kg