

# 10K ATFL



## Material Handler

Joint Services



### Cat® C6.6 ATAAC Engine

Net Power	119 kW	160 hp
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### Weight

Operating Weight	11 725 kg	25,850 lb
Rated Operating Capacity	10,000 lb @ 48" Reach	

## MISSION CAPABLE

### *The Cat® 10K All-Terrain Forklift – Tested, Proven, and Reliable – Mission Capable*

**The Cat 10K All-Terrain Forklift (ATFL)** has emerged as the forklift of choice on unimproved surfaces. The Cat 10K provides true rough terrain capability for work in adverse underfoot conditions. Utilizing the Cat 928Hz platform, the 10K ATFL is capable of lifting and carrying 10,000 lbs, and is able to reach a height of 96” fully loaded. The open center hydraulic system provides precise load management, with maximum productivity.



**Transportability.** A cab and counterweight removal device is stowed on the left side of the machine (below). This self contained system allows the 10K to be reconfigured for air transport without the assistance from support machines. With both cab and counterweights removed, the overall machine height is reduced to 102”. This capability enables the 10K to be driven onto a C-130 for quick and easy air transport.

**Versatility.** The pallet fork trays have conveyor style rollers which allow for quick loading and unloading of ISO-type containers and align with the C-130 463L pallet system. The pallet fork trays stow conveniently on the fork carriage. An optional on-board air compressor is located in lower rear of the machine, and provides ground level operation of air-powered tools. The 24V NATO Start Receptacle allows the machine to be started in the event of a battery failure, and is located near the rear counterweight for easy accessibility.



### Machine Dimensions with 72” Hydraulic Adjustable Forks

**Machine Width** – 8’ 1”

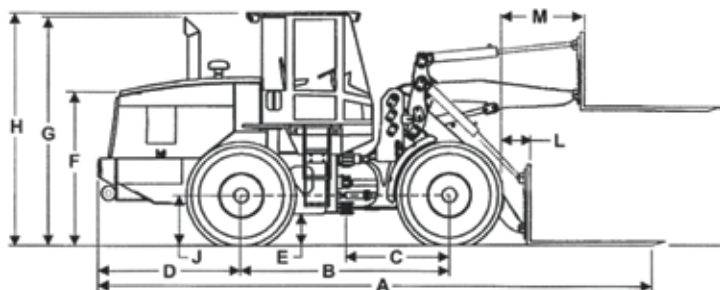
**Turning Radius** – at Tires 18’ 3”, at Fork Tip 19’ 6”

**Rated Load** – 10,000 lb at 48” Load Center

**Reduced Height for Air Transport** – 102.0”

**Drive-On Weight for 13,000 lb Axle Load for Air Transport\*** – 24,500 lb

**Weight Distribution** – Front Axle 12,620 lb, Rear Axle 11,880 lb



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|---------------------|--------------------|---------------------|--------------------|
| <b>A)</b> 305.0 in. | <b>D)</b> 77.0 in. | <b>G)</b> 123.6 in. | <b>K)</b> 77.0 in. |
| <b>B)</b> 114.2 in. | <b>E)</b> 13.5 in. | <b>H)</b> 126.0 in. | <b>L)</b> 15.1 in. |
| <b>C)</b> 57.1 in.  | <b>F)</b> 84.8 in. | <b>J)</b> 24.4 in.  | <b>M)</b> 34.8 in. |

\* Cab and exhaust stack removed. Rear counterweights removed and secured on fork carriage. Seat adjusted to lowest setting. Cab removal device in stowed position. Fork Roller Attachments mounted on Forks. A quarter full fuel tank.

**Worldwide Locations.** The Caterpillar global network of authorized dealers supports the U.S. Military in every corner of the globe. With heavy construction equipment dealers located in over 200 countries, Caterpillar's support organization provides global coverage.



**Service Capabilities.** Cat field service technicians have the experience and tools necessary to service your equipment on-site. Field service trucks are fully loaded with state-of-the-art tools and diagnostic equipment as well as specifications and schematics for every Cat machine. Technical experts at the Dealership and at Caterpillar are available to provide assistance to field service technicians when needed. When on-site repair isn't enough, Cat Dealerships are fully-equipped to service your equipment quickly.

**Dealer Support.** The Caterpillar global network of authorized dealers is the best in the world at providing support to keep your equipment up and running. With 99.7% of parts shipped within 24 hrs, Cat Dealers are supporting the 10K ATFL.

**Engine**

Rated net power @ 2,300 rpm	111 kW	149 hp
Model	Cat® C6.6	
SAEJ1349	111 kW	149 hp
ISO 9249 (1997)	112 kW	150 hp
EEC 80/1269	112 kW	150 hp
Max. net power @ 2,000 rpm	119 kW	160 hp
SAEJ1349	119 kW	160 hp
ISO 9249 (1997)	120 kW	161 hp
EEC 80/1269	120 kW	161 hp
Bore	105 mm	4.13 in
Stroke	127 mm	5 in
Displacement	6.6 L	403 in <sup>3</sup>
Net Torque	727 N·m	536 ft·lb
Peak Torque	742 N·m	547 ft·lb

**Service Refill Capacities**

Fuel tank	225 L	59.4 gal
Cooling system	42 L	11.1 gal
Crankcase	15 L	4.0 gal
Transmission	34.5 L	9.1 gal
Differentials and final drives:		
Front	26 L	6.9 gal
Rear	25 L	6.6 gal
Hydraulic system (including tank)	125 L	33 gal
Hydraulic tank	70 L	18.5 gal

**Cab**

ROPS	SAE J1040 MAY94, ISO 3471-1994
POPS	SAE J/ISO 3449 APR98 Level II, ISO 3449 1992 Level II

- Cat cab and Rollover Protective Structure (ROPS) are standard in North America and Europe.
- When properly installed and maintained, the cab offered by Caterpillar, when tested with doors and windows closed as per work cycle procedures specified in ANSI/SAE J1166 May 90, results in operator sound exposure Leq (equivalent sound pressure level) of 74 dB(A).

**Transmission**

Standard transmission max. travel speeds	37.7 km/h	23.4 mph
Forward 1	7.9 km/h	4.9 mph
2	12.6 km/h	7.8 mph
3	25.8 km/h	16 mph
4	37.7 km/h	23.4 mph
Reverse 1	7.9 km/h	4.9 mph
2	12.6 km/h	7.8 mph
3	25.8 km/h	16 mph



**Remanufactured Parts.** Cat engines and major components are designed to be remanufactured and provide multiple life cycles. Components are remanufactured in the factory to original specifications with necessary product updates.

## MILITARY MODIFICATIONS

- Pin-on Fork Carriage & Removable Backguard
- 72" Hydraulic Adjustable Forks
- On-board Cab/Counterweight Removal Device
- Keyless Engine Start Switch
- Rear Pintle Hook
- C-130 Aircraft Drive-On Transportable
- NATO Start Receptacle
- External Military Paint

## STANDARD EQUIPMENT

*Standard equipment may vary. Consult Caterpillar Defense & Federal Products for details.*

Cat C6.6 ATAAC Engine  
95 Amp Alternator  
Cab, ROPS  
Cat Power Shift Transmission  
Michelin 17.5-R25 XHA L3 Tires  
3 Valve, 2 Lever Hydraulics Controls  
Load Check Valves  
Modified Commercial Lift Arms  
Ether Starting Aid  
Sliding Glass Cab Windows  
Heater & Defroster  
Vinyl Suspension Seat  
2 Adjustable Floodlights  
Parking Block Storage Location  
EMI & Tier 3 Compliant  
Modified Commercial Manuals  
Conveyerized Fork Attachment  
Air Conditioning  
Type C Winterization

### Optional Features

Corrosion Protection  
Air Compressor  
Rifle Bracket  
Green, Tan or Commercial Paint  
Type A Winterization

For more information visit: [www.catdfp.com](http://www.catdfp.com)

*All dimensions are approximate. Dimensions may vary with configuration. Specific military service configurations are available upon request.*

