

707

WIDE BODY TRUCK



Engine Model
Engine Power – ISO 14396
Peak Power
Operating Weight (MGW Maximum Gross Machine Weight)

Cat® C13B/Cat C13*
375 - 359 kW
400 kW @ 2,100 rpm 385 kW @ 1,800 rpm
102.500 - 102.200 kg**

**The Cat 707 with the C13B meets China Nonroad Stage IV emission standards; the C13 meets Brazil MAR-1 emission standards, equivalent to U.S. EPA Tier 3*

***Empty Weight + 100% payload = Total weight of machine fully loaded = Gross machine weight*



BUILT FOR COMFORT, SAFETY, AND KEEPING YOUR PRODUCTIVITY MOVING FORWARD.

Experience enhanced operator confidence with the 707 Wide Body Truck's next-generation cab, designed for comfort, safety, and productivity. The cab features a standard left-side driver's seat for easy access and an optional right-side trainer seat for on-site training. Multiple mirrors, a rearview camera, and wide sightlines provide excellent visibility, plus the Rollover Protective Structure (ROPS) and Falling Objects Protective Structure (FOPS) certified reinforced cab for protection. Low interior noise, automatic climate control, and intuitive transmission controls reduce fatigue and keep operators productive. Built for comfort, safety, and keeping your operation moving forward.



THE CAT[®] 707

Wide Body Truck

Designed specifically for efficient hauling, this 707 truck provides various configuration options and a high payload capacity, allowing for fewer trips and increased profitability.



PROVEN DURABILITY

The truck is equipped with a Cat C13 engine, Cat CX31 transmission, and proprietary Cat axles, offering dependable and smooth operation. Together, these components promote consistent productivity and help reduce maintenance needs, ultimately extending the machine's lifespan.

DESIGNED FOR PERFORMANCE

To achieve the highest level of operational efficiency, the Cat 707 Wide Body Truck can be specifically paired with Cat 350, 374, and 395 Excavators, along with Cat 982 and 986 Wheel Loaders. This pass match compatibility streamlines the loading and hauling cycles, leading to improved productivity.

OPTIMAL SAFETY AND COMFORT

The 707 truck features the availability of a reinforced ROPS certified cab that delivers an extra level of protection for the operator. This sturdy design is engineered to safeguard the operator in the event of a rollover or other unforeseen incidents, promoting a safer working environment. Meeting strict safety standards, the optional reinforced cab construction also enhances the vehicle's durability and safety.

PASS MATCH COMPATIBILITY LEADING TO IMPROVED PRODUCTIVITY



WHEN UPTIME MATTERS MOST

PROVEN TECHNOLOGY

Customize technologies from factory to optimize your machines uptime and productivity.

BUILT TO CARRY THE LOAD

Purpose built for efficient hauling with flexible configurations and large payload capacity, reducing trips and boosting profits.

CONVENIENT SERVICE POINTS ACCESS

Save time on daily inspections thanks to ground-level walkarounds, emergency disconnect, and convenient access to service points and filter platforms.

EASY FUEL AND DEF TANK ACCESS

Return to work faster with ground-level fueling. The fuel and diesel exhaust fluid (DEF) tank is located under the body for a better center of gravity and convenience.

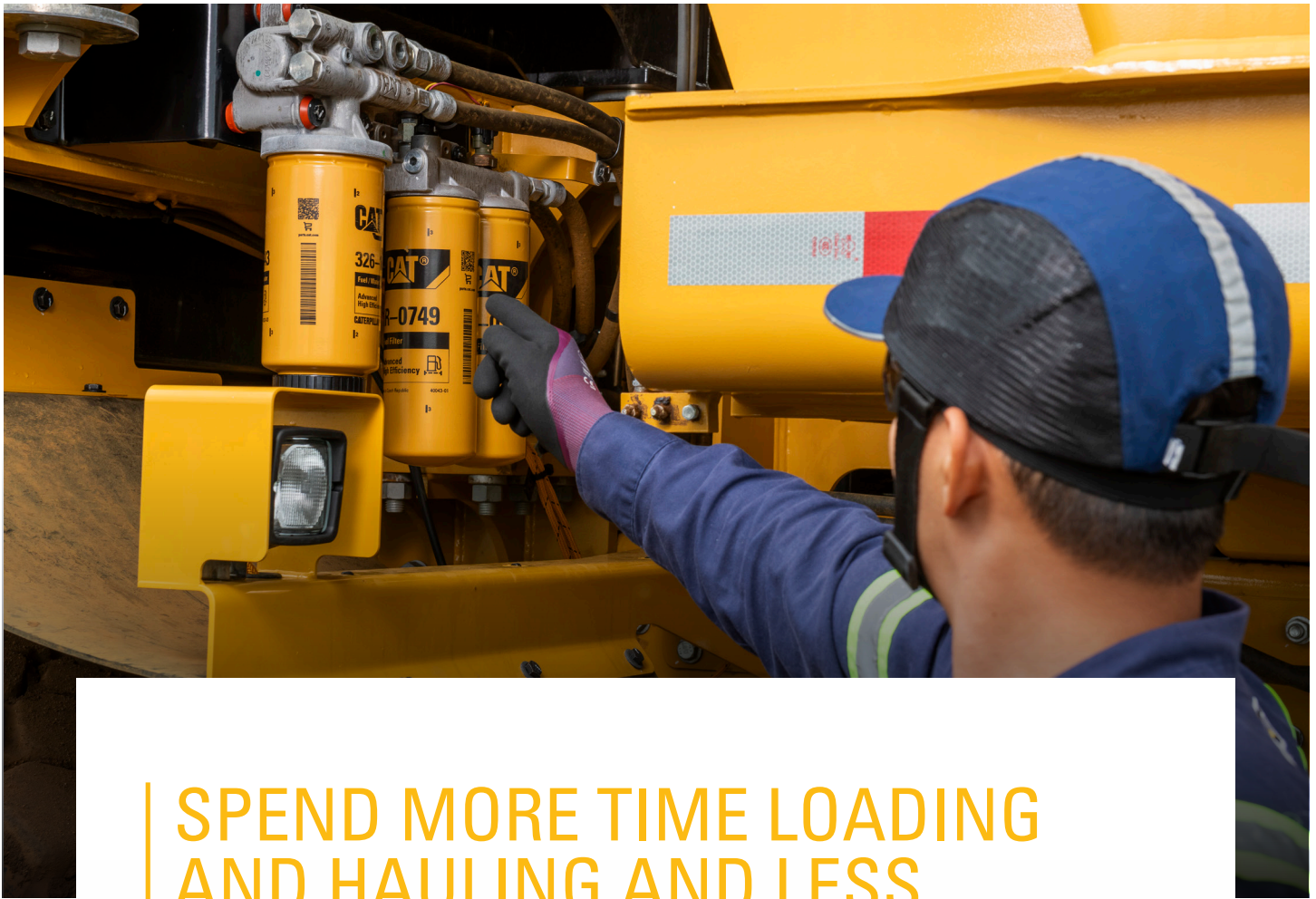
ENHANCED VISIBILITY AND EMERGENCY FEATURES

This truck features several mirrors to enhance the driver's field of vision, a rearview camera for better visibility, and a left-hand sliding window for added convenience. In case of emergencies, the right-side window is specially designed to allow for quick exit.



EFFICIENCY AND SAFETY

The cab features a standard left-side driver's seat for easy access, an optional right-side trainer seat, and the availability of a unique reinforced ROPS certified cab for enhanced protection.



SPEND MORE TIME LOADING AND HAULING AND LESS TIME SERVICING

The 707 is equipped with standard Product Link technology, providing operators and supervisors with essential updates regarding machine health and utilization to maintain consistent performance. This system supports proactive service planning and facilitates effective management of service requirements.

- + Ground-level or platform access for all filters and grouped service points enable safe and convenient service.
- + A standard, comprehensive filtration system maintains clean fluids to enable high component reliability.
- + Swing-up door for the engine compartment provides easy access to important daily service checks.
- + Improved access to the cooling package makes cleaning faster and easier.
- + High-pressure screening system prevents catastrophic system damage in the event of a hydraulic component failure.

KEEP OPERATORS COMFORTABLE AND PRODUCTIVE

Operator performance is critical to the overall efficiency of your truck; therefore, the 707 cab is engineered with advanced features designed to optimize productivity, safety, and comfort, ensuring effective operation throughout the workday.

The 707-operator environment is carefully designed with advanced features to promote comfort, reduce fatigue, and deliver exceptional visibility throughout the workspace. Available options include a next-generation deluxe seat, an optional trainer seat, a ROPS- and FOPS-certified cab with reduced interior noise levels, and automatic climate controls. Additionally, intuitive automotive-style transmission controls contribute to sustained comfort and operational efficiency during each shift.

A reverse camera is available as an option to support safer operations. The cab layout is also prepared for further safety enhancements, including integration with Cat DSS (Driver Safety System) or Cat Guardian 2.



VALIDATED POWER AND RELIABILITY **ELEVATE YOUR PERFORMANCE**

The 707 Wide Body Truck is powered by a trusted six-cylinder Cat C13B or C13 engine and features an integrated powertrain, ensuring dependable performance and optimal power in every gear.



The 707 powertrain can be equipped with a fully integrated hydraulic retarder within its CX31 transmission, enhancing safety during downhill operations, minimizing brake wear and improving overall hauling efficiency.



SEE YOUR INVESTMENT GO FURTHER

DESIGNED TO LAST

BUILT TO BE REBUILT

The Cat 707 is built to be rebuilt, providing dependable mechanical performance throughout two lifecycles. Its fully integrated powertrain and reinforced chassis, supported by flexible Customer Value Agreements (CVAs) from Cat dealers, ensure high uptime and allow for a midlife powertrain overhaul.



RIGID TRUCKS BODY CAPACITY AND RAIL HEIGHT COMPARISON



770-07
(TIER 2 AND 3/TIER 4/
STAGE V)
38.6 MT/42.5 T
Decatur/Tiruvallur



772-07
(TIER 2 AND 3/TIER 4/
STAGE V)
47.2 MT/52.0 T
Decatur/Tiruvallur



773-08 NEXT GEN
(TIER 2/TIER 4/
STAGE V)
57 MT/63 T
Decatur/Tiruvallur



775-08 NEXT GEN
(TIER 2/TIER 4/
STAGE V)
65 MT/71.5 T
Decatur/Tiruvallur



707
(C13 TIER 3 BRAZIL MAR-1/
C13B CNR4)
66 MT/72.7 T
CQL (China)

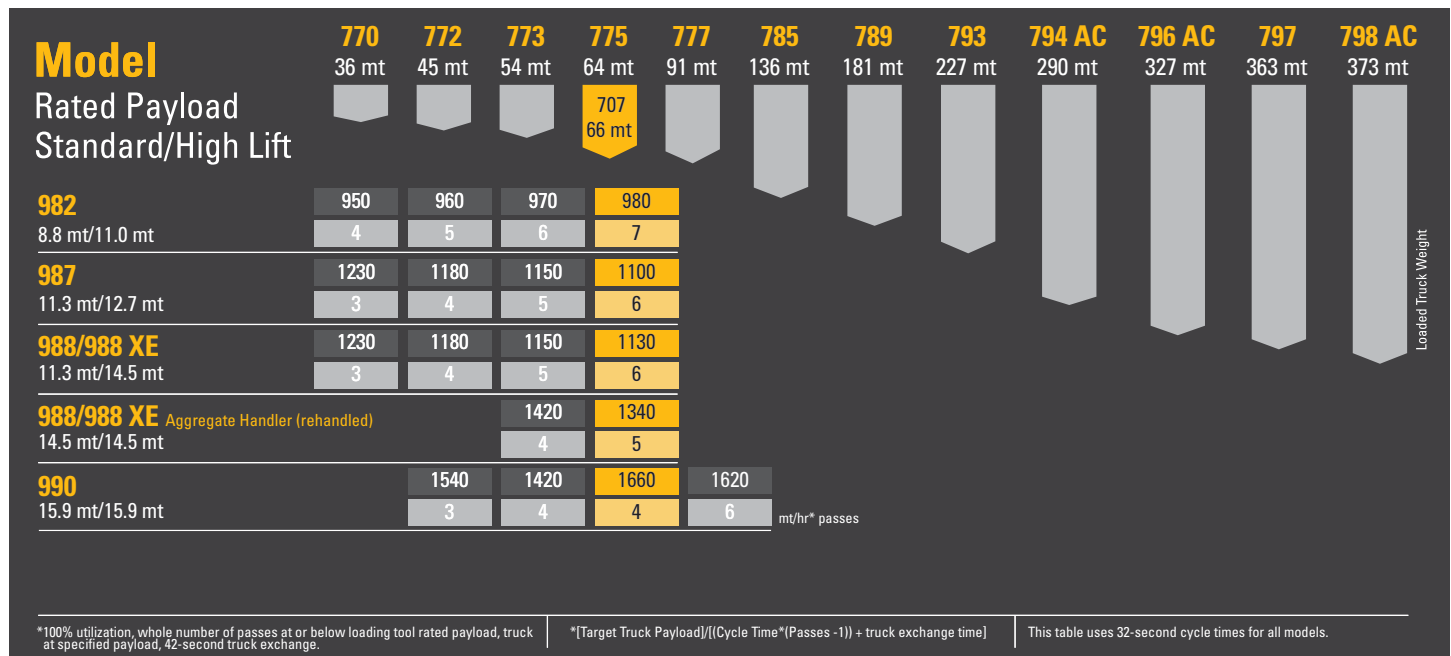


773-05
(TIER 2)
59.1 MT/65.1 T
Tiruvallur

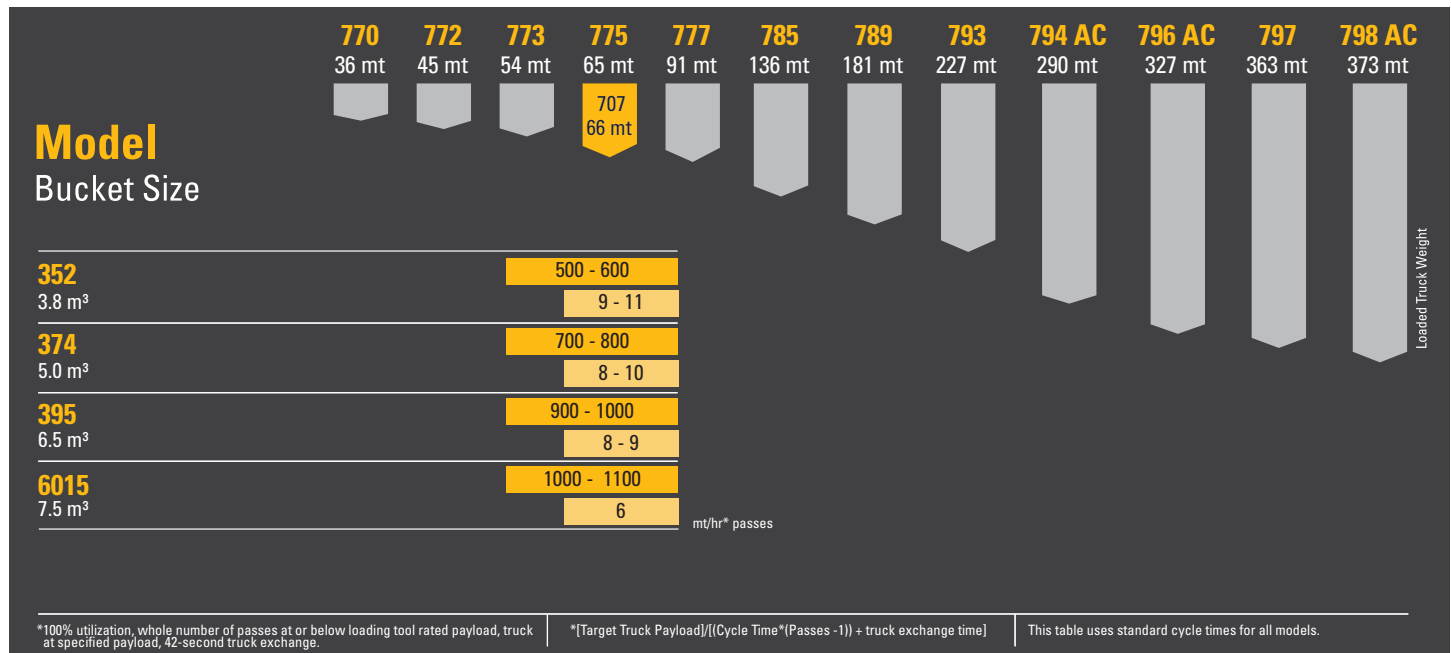
+	BODY CAPACITY – 25.2 m ³	+	BODY CAPACITY – 31.3 m ³	+	BODY CAPACITY – 35.8 m ³	+	BODY CAPACITY – 45.0 m ³	+	BODY CAPACITY – 42.0 m ³	+	BODY CAPACITY – 35.8 m ³
+	LOADING HEIGHT – EMPTY 3147 mm	+	LOADING HEIGHT – EMPTY 3570 mm	+	LOADING HEIGHT – EMPTY 3771 mm	+	LOADING HEIGHT – EMPTY 3963 mm	+	LOADING HEIGHT – EMPTY 3560 mm	+	LOADING HEIGHT – EMPTY 3771 mm
+	2 AXLES	+	2 AXLES	+	2 AXLES	+	2 AXLES	+	3 AXLES	+	2 AXLES

WIDE BODY TRUCK PASS MATCH

707 TRUCK AND LARGE LOADER – LOADING SYSTEM MATCH



707 TRUCK AND LARGE HEX – LOADING SYSTEM MATCH



Cat 707 is designed for optimum performance in combination with Cat loading tools. Optimal pass match for performance, loader reach, efficiency, and lowest cost per hour are:

- + Cat 374 large excavator
- + Cat 986 High Lift large loader

REAL-TIME INFORMATION FROM CAT EQUIPMENT MANAGEMENT TAKES THE GUESSWORK OUT OF MANAGING YOUR EQUIPMENT

Cat Equipment Management technologies work together to put equipment information at your fingertips. Get real-time access to information on every machine in your fleet on any jobsite – no matter the size of the operation or the brands of equipment you run.



VISIONLINK™

Gather and summarize machine telematics and jobsite data from all your equipment – regardless of the manufacturer.* View actionable information such as idle time, fuel burn, location, total cycles, and more to improve machine efficiency, productivity, and utilization. Access data anywhere via a mobile, tablet, or desktop device – on or off the jobsite.

*Data field availability can vary by equipment manufacturer. VisionLink™ subscription required. Availability may vary by region. Consult your Cat dealer for more details.



CAT INSPECT

Cat Inspect is a mobile application that allows you to easily perform digital preventative maintenance checks, inspections, and daily walkarounds. The app includes machine-specific Preventive Maintenance (PM) checklists to perform service intervals as recommended in the Operation and Maintenance Manual. Inspections can easily be integrated with other Cat data systems like VisionLink, so you can keep a close eye on your fleet.

TECHNICAL SPECIFICATIONS

See cat.com for complete specifications.

ENGINE		
Engine Model	Cat® C13B	Cat C13
Engine Power – ISO 14396	400 kW 536 hp 2,100 rpm	358 kW 480 hp 2,000 rpm
Engine Power – ISO 14396 (DIN)	543 hp (metric)	486 hp (metric)
No. Cylinders	6	
Bore and Stroke	130 mm x 157 mm	
Displacement	12.5 L	
High Idle Speed	2,200 rpm	
Low Idle Speed	750 rpm	
Net Torque	2408 N-m	2306 N-m
Net Torque Rise	35%	
Air Cleaner – No. Used	2	
Type	Dry	
Emissions	C13B meets China Nonroad Stage IV emission standards	C13 meets Brazil MAR-1 emission standards, equivalent to U.S. EPA Tier 3

BRAKES	
Rear	
Type	Drum
Actuation	Air
Parking	
Type	Drum
Actuation	Spring
Slope Holding Ability	15%
Secondary	
Type	Drum
Actuation	Spring
Front	
Type	Drum
Actuation	Air
Brake System	Air actuated drum brakes
Brake Standard	ISO 3450:2011

WEIGHT DISTRIBUTION – APPROXIMATE (DUAL SLOPE)		
Machine Weight	T3 and CNR4 (w/40 m³ General plate body)	
Total Empty Machine Weight with Body	35 500 to 36 500 kg pending options	
Front Axle	Loaded 24%	Empty 37%
Rear Axle	Loaded 76%	Empty 63%

SERVICE REFILL CAPACITIES		
Fuel Tank	540 L	143 gal
Cooling System	53 L	14 gal
Differentials and Final Drives	111 L	29 gal

BODY – TAILGATE	
Metric Tonnes	66
Cubic Meters - Struck (SAE)	33
Heaped 2:1 (SAE)	40
Plate Thickness	Heavy/STD Duty
Floor	16 mm
Side Walls	10 mm/12mm
Front Walls	10 mm
Canopy Backwall	12 mm
Canopy Top	6 mm

SUSPENSION	
Front	Hydro-pneumatic
Rear	Leaf spring

STEERING SYSTEM	
Turning Diameter on Front Wheel Track	23.7 m
Vehicle Clearance Turn Circle	24.1 m
2nd Steering (optional)	Electric

STANDARD AND OPTIONAL EQUIPMENT

Standard and optional equipment may vary. Consult your Cat® dealer for details.

POWERTRAIN	STANDARD	OPTIONAL
The Cat® 707 with the C13B meets China Nonroad Stage IV emission standards; the C13 meets Brazil MAR-1 emission standards, equivalent to U.S. EPA Tier 3	•	
Braking system: service dry air brakes, parking brake	•	
Cat engine brake	•	
Cat CX31RT transmission 6-speed automatic powershift	•	
Cat hydraulic retarder fully integrated in CX31RT transmission		•
Secondary steering		•
ELECTRICAL	STANDARD	OPTIONAL
LED lights	•	
LED lights high lumens		•
Jump starter		•
Radio		•
Radio ready	•	
OPERATOR ENVIRONMENT	STANDARD	OPTIONAL
Cat operator seat with 2-point seatbelt	•	
Cat operator seat air suspended		•
Cat operator seat with 3-point seatbelt		•
Rearview camera		•
Cat cab	•	
Cat cab with operator and trainer rollover protective structure (ROPS)		•
Cat cab with operator and trainer falling objects protective structure (FOPS)	•	
Trainer seat		•
DCDC converter		•
24V power source	•	
TECHNOLOGY PRODUCTS	STANDARD	OPTIONAL
Product Link™	•	
Network manager		•
24V - 12V converter		•

BODY	STANDARD	OPTIONAL
Tailgate body – general-duty 40 m³	•	
Tailgate body – heavy-duty 40 m³	•	
Tailgate body – general-duty 42 m³		•
Tailgate body – heavy-duty 42 m³		•
WEATHER	STANDARD	OPTIONAL
Weather Package – high ambient fluids		•
Weather Package – x2 battery	•	
Cold Weather Package-lite (CNR4) – x2 battery		•
Cold Weather Package (CNR4) – x4 battery		•
OTHER	STANDARD	OPTIONAL
Spare tire – bias		•
Spare tire – radial		•
Spare tire – Radial Advance (tubeless) (16.00R25 GLR29PRO normal distance)		•
Spare tire – Radial Advance (high TPKH)		•
Spare tire – Radial Advance (tubeless) (GLR32 long distance)		•
Wheel chocks		•
Air conditioning and heat	•	



AEXQ4646-00 (07-2026)
Build Number: 01
(Afr-ME, Asia Pacific, S Am,
SE Asia, Eurasia)

For more complete information on Cat products, dealer services and industry solutions, visit us on the web at www.cat.com.

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