

6020

HYDRAULIC MINING SHOVEL



Engine:	Cat® C32B
Engine output (HRC):	771 kW / 1,033 HP
Engine output (LRC):	776 kW / 1,040 HP
Operating Weight:	230.2 tonnes / 253.8 tons
Bucket Payload:	21.6 tonnes / 23.8 tons



CAT® HYDRAULIC
MINING SHOVELS

HIGH LEVELS OF DIGGING PERFORMANCE

When you need a durable digger to power through the toughest materials, our broad lineup of hydraulic mining shovels delivers. They've built a name for withstanding the harshest digging conditions on sites around the world, and we're working hard to make sure they keep meeting your expectations for reliable, predictable, efficient and productive performance. Each comes with the total package you expect from Caterpillar: deep product expertise, unmatched after-sale support and a commitment to help you squeeze more value and profit out of your entire load/haul system.

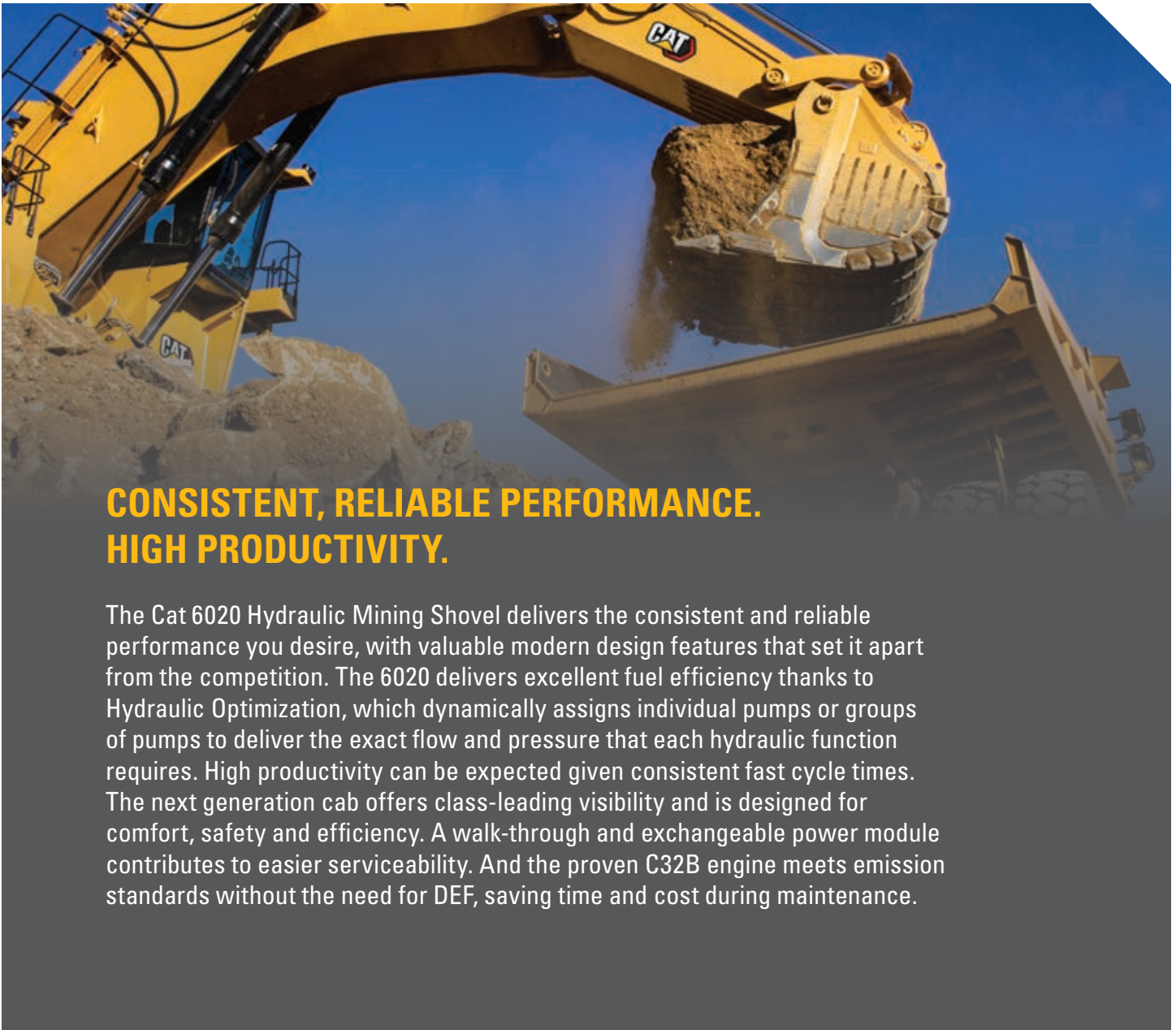




CAT[®] 6020

HYDRAULIC MINING SHOVEL





CONSISTENT, RELIABLE PERFORMANCE. HIGH PRODUCTIVITY.

The Cat 6020 Hydraulic Mining Shovel delivers the consistent and reliable performance you desire, with valuable modern design features that set it apart from the competition. The 6020 delivers excellent fuel efficiency thanks to Hydraulic Optimization, which dynamically assigns individual pumps or groups of pumps to deliver the exact flow and pressure that each hydraulic function requires. High productivity can be expected given consistent fast cycle times. The next generation cab offers class-leading visibility and is designed for comfort, safety and efficiency. A walk-through and exchangeable power module contributes to easier serviceability. And the proven C32B engine meets emission standards without the need for DEF, saving time and cost during maintenance.

HIGH RELIABILITY & DURABILITY

- » Proven C32B engine
- » Longer heavy duty undercarriage life

EXCELLENT FUEL EFFICIENCY

Thanks to Hydraulic Optimization

REDUCED EMISSIONS

- » Tier 4 engine that requires no Diesel Exhaust Fluid (DEF)
- » Compatible with biofuels

NEXT GENERATION CAB

- » Excellent visibility
- » Enhanced comfort

HIGH PRODUCTIVITY

- » Fast cycle times
- » Highest hydraulic oil flow in class

A large yellow CAT 6020 hydraulic mining shovel is shown in operation at a quarry. The machine is positioned on a pile of excavated earth and rock. The background features a dramatic, cloudy sky. The text 'LOAD MORE EVERY CYCLE' is overlaid on the image, with 'LOAD MORE' in white and 'EVERY CYCLE' in yellow.

**LOAD
MORE
EVERY
CYCLE**



HIGH-PERFORMING ENGINE

The durable Cat C32B engine offers unsurpassed performance, high power output and proven reliability, and has been designed to withstand the challenging conditions found at mine sites across the globe. The engine is optimized for low fuel consumption at 1,800 rpm and lower speeds, plus offers significant gains in fuel consumption through collaboration of engine and machine integration. The C32B delivers high uptime, without work interruption for regeneration, engine derate, or cold weather treatment of secondary fluid.

FASTER CYCLE TIMES

Cycle times are reduced thanks to the use of float valves rather than engaging pumps to lower the boom. This feature reduces engine demand, facilitating faster boom movements and allowing other operating functions such as bucket curl and stick in/out to occur simultaneously.

A close-up photograph of a worker in a white hard hat and orange safety vest working on the hydraulic system of a yellow mining shovel. The worker is focused on a component, possibly a hose or valve, amidst a complex network of yellow machinery and hoses. The background shows more of the shovel's structure, including a large yellow bucket and various mechanical parts.

LOWER COSTS BY BOOSTING EFFICIENCY

The largest contributor to the operating cost of hydraulic mining shovels is fuel. And thanks to optimization of the hydraulic system and other enhancements, today's 6020 offers field-proven improvements in fuel efficiency.

INTELLIGENT OPERATION

The intelligent pump managing system contributes to lower costs by improving component life while reducing fuel consumption. The system continuously evaluates actual engine and hydraulic operating values against set values and adjusts pump output accordingly. This results in efficient use of the engine for greater productivity, less energy and fuel consumption, and reduced component wear.



EXCELLENT
— FUEL —
EFFICIENCY

HYDRAULIC OPTIMIZATION

Conventional hydraulic systems operate all pumps at the maximum required cylinder pressure, regardless of the cylinder's demand. The Cat 6020 takes a different approach, using specific dedicated pumps to deliver the exact flow and pressure that each hydraulic function requires. Called Hydraulic Optimization, this approach saves fuel and makes the 6020 very efficient.

Hydraulic Optimization:

- + Cuts down on waste
- + Eliminates metering losses
- + Reduces excess heat
- + Prolongs component lives
- + Conserves energy

OPTIMIZED COOLING

The Independent Oil Cooling system is a more efficient means of cooling that protects and extends the life of hydraulic components. The system is independent of return oil, achieving efficiency through the utilization of dedicated pumps that provide cooling capacity as needed, whether the engine is idling or under load. That means optimum oil temperature is being maintained, even while your operator waits for the next truck to load. Competitive hydraulic shovels provide cooling only when the machine is working and the engine is under load. Additional efficiency is achieved via our thermostatically controlled radiator fan speed.

FOCUS ON SAFETY

IN, ON AND AROUND THE SHOVEL

The 6020 is designed with the operator in mind and has been updated to incorporate mining safety best practices as part of its standard design. With an eye on safety during both operation and maintenance, the design focuses on visibility, access and egress, hydraulic hose routing, electric wiring and fire prevention.

EXCELLENT VISIBILITY
SAFETY GLASS
WINDSHIELD

HIGH-POWERED
LED LIGHTS

LOCKABLE
BATTERY
ISOLATION AND
STARTER LOCKOUT
SWITCH

OPERATOR
PROTECTIVE
GUARD (TOP
GUARD)

EMERGENCY
STOP
BUTTONS,
INCLUDING
PULL
SWITCH
ACCESSIBLE
FROM THE
GROUND

ALTERNATE
EGRESS LADDER

RETRACTABLE
45-DEGREE
STAIRWAY

WIDE ANTI-SLIP
WALKWAYS





EXCELLENT VISIBILITY

The 6020 gives the operator excellent visibility to digging and loading areas thanks to a large windshield and in-floor window. Visibility is further enhanced by strategically positioned and high-powered LED lights. The result is optimized operator situational awareness and safe machine positioning and truck loading.

SAFER TRAINING

The 6020 offers a safer training environment, facilitated by unobstructed views of the digging environment and an emergency stop button that can be easily accessed from both training seats, which are seatbelt equipped.



SAFER SERVICE

Service personnel can work more safely thanks to a lockable battery isolation and starter lockout switch, plus safe access to power module components from the machine platform and counterweight.



COUNT ON THE CAT 6020

The 6020 features highly durable structures designed to withstand the toughest loading conditions, and it's designed for reliability — from robust tracks and an enhanced undercarriage to a highly reliable crawler and extended swing component life. The result is the uptime you need to keep your operation moving.

LONGER-LIFE UNDERCARRIAGE COMPONENTS

The undercarriage features a floating push tube, which delivers even idler slide wear and extended component life. A high quantity of induction-hardened sprocket teeth reduces wear on the drive system. The 6020 is available with an optional belly plate and rear plumbing guard to further protect undercarriage components from harsh ground conditions.

EXTENDED SWING COMPONENT LIFE

Extending component life and ultimately improving machine uptime, the 6020 swing system includes a triple-race swing roller bearing with internal gearing connected to an automatic lubrication system. For added reliability, all lube lines supplying the swing roller bearing are located inside the superstructure and help maximize protection.



LONGER TRACK LIFE

The 6020 uses tracks designed for high-impact and high-travel applications. The Cat exclusive Positive Pin Retention 2 (PPR2) track design resists pin walking and link cracking for reliable sealing and longer track life. The design resists end-play generation and link movement on the pin; tightly controls seal motion for long internal pin and bushing wear life; and resists fatigue and crack formation with redesigned, stronger track links.

RELIABLE CRAWLER PERFORMANCE

Three carrier rollers eliminate unnecessary wear and assist in easier track tensioning to boost crawler life. Standard track guides that run the length of the crawler deliver exceptional track guidance. Travel motors and gearboxes are well-protected by robust steel covers.

NEW ROLLED TRACK SHOES

The 6020's new heavy-duty rolled track shoe offers extended life thanks to an updated manufacturing process and higher-strength material. We've also moved from two size offerings to three (750 mm, 950 mm and 1200 mm), allowing these track shoes to provide lower ground pressure for a wider range of applications.

Spend more time loading and less time servicing

We've designed the 6020 to be productive almost immediately when it arrives on site, and we've incorporated serviceability features that ensure it continues to spend more time producing than it does being maintained.



EXCEPTIONAL COMPONENT ACCESSIBILITY

The spacious walk-through power module provides exceptional component accessibility and weather protection. In addition, the swing system offers enhanced component accessibility thanks to the boom-mounted hydraulic valve block, ground-level accessible service fluid fill points and battery charging socket.

CAT HOSE & COUPLINGS

Cat Hose & Coupling Solutions offer unrivaled reliability and performance because they're designed and built as a complete system, tested beyond industry standards and supported by expert services.

Hose assembly data is integrated within the Cat engineering system, parts logistics and dealer support network. The Hydraulic Information System (HIS 2.0) provides information for individual hoses and the ability to download a full list of hose assemblies.

- + Complete on-site hose solution
- + Ability to source locally using all Cat materials
- + Hassle-free identification and ordering
- + Faster and more accurate assembly
- + Faster delivery times and support
- + Leak-free connections
- + No special tooling required
- + In addition, XT hoses are designed and tested to exceed 1 million impulse cycles without failure — double the industry standard.

QUICK ASSEMBLY

The 6020 features a modular design that facilitates quick field assembly — as few as 14 days in typical conditions.

SIMPLIFIED UNDERCARRIAGE SERVICEABILITY

The 6020's automatic track tensioning is a simplified design that requires no manual adjustment. Service is simplified with an externally serviceable break. The PPR2 tracks are easily serviced with a master joint, which allows for easy removal and installation of the undercarriage.

BOOM-MOUNTED HYDRAULIC VALVE BLOCK

The main hydraulic valve block is located on the top of the boom, which makes it possible to reduce the number of hydraulic lines routing from the superstructure to the front attachment. This reduction, along with a design that divides flow only at the main valve block, results in fewer hydraulic hoses within this transition point.

EXCHANGEABLE POWER MODULE

The power module can be quickly swapped out for a spare, then transported for repair in a safe, convenient and clean environment.





KEEP OPERATORS COMFORTABLE AND PRODUCTIVE

We understand that the most important factor in your hydraulic shovel's effectiveness is the performance of its operator. To help make their workday as productive as possible, we've incorporated productivity, safety and comfort features into the 6020 operator's cab.

DESIGNED FOR COMFORT

Operators sit in a quiet and fully pressurized cab with ergonomic operator seat and controls, excellent insulation, extensive in-cab air distribution via a powerful HVAC unit and multiple, optimally positioned vents.

DESIGNED FOR CONTROL

Operators experience greater controllability with ergonomic joystick controls and five circuit hydraulics that allow for two-cylinder motions, two travel motions, and swing to be controlled simultaneously.

DESIGNED FOR PRODUCTIVITY

The Electronic-Hydraulic Servo Control relays actuating signals from the joysticks, delivering fast and precise machine reactions that facilitate a reduction in operator fatigue. No hydraulic lines are present in the cab or the cab module, ensuring a clean arrangement with less noise emission.

A 10-inch high-definition color touchscreen puts vital machine and diagnostic data at the operator's fingertips for convenient troubleshooting and service assistance.



GET CONNECTED TO REDUCE DOWNTIME

We've made it easier to connect the 6020 to industry-leading technologies and service offerings that improve maintenance and reduce downtime of your machine.

Key to connectivity is an improved Product Link™ Elite system, which increases the availability of data provided by the 6020 and allows it to collect and transmit information into locally hosted or cloud-hosted applications such as Cat MineStar™ Solutions Health Office, Health - Equipment Insights, Equipment Care Advisor or VisionLink™.

MINING — FOR A — BETTER WORLD

Governments and regulatory agencies mandate that you establish and follow environmentally sound policies and practices as you meet the demand for mined materials. We're focused on doing our part to make sure our shovels help you meet those regulations.

The 6020's highly regulated C32B engine reduces NOx and particulate matter. In addition, we continue to research alternative energy sources such as biofuels and liquefied natural gas and power options like electrification to find new ways to reduce emissions.

We preserve raw materials, conserve energy and reduce emissions through the Cat Reman program, which returns end-of-life components to like-new condition.

We also consider the people living in the environments where we operate, incorporating features like the sound-suppressed power module, which helps keep spectator sound levels low during operation.



MAINTENANCE-FREE EMISSIONS REDUCTION SYSTEM

The durable and reliable C32B Engine is certified to meet U.S. EPA Tier 4 Final/ EU Stage V emissions standards. The non-SCR solution is maintenance-free and does not require DEF.





GAIN AN EDGE

WITH TECHNOLOGY SOLUTIONS

A number of onboard and optional technology offerings are available to help you boost the productivity, efficiency and health of your 6020.

CAT MINESTAR SOLUTIONS

The 6020 is factory-ready for Cat MineStar Solutions, with MineStar Health as a fully integrated option as well as a range of scalable capabilities available as retrofit options.

- + Health delivers critical event-based machine condition and operating data for your entire fleet. It includes comprehensive equipment health and asset monitoring capabilities, with a wide range of diagnostic, analytic and reporting tools.
- + Fleet provides real-time machine tracking, assignment and productivity management, providing a comprehensive overview of all your asset operations from anywhere in the world.
- + Terrain enables guidance technology and high-precision management of loading operators to increase machine efficiency. Efficiency is also improved through real-time feedback.
- + Detect helps increase operator awareness, enhancing safety at your operation. It includes a range of capabilities designed to assist the operator, including blind spot and proximity detection of fixed and mobile equipment.

SHOVEL TECHNOLOGY SOLUTIONS

A number of specific shovel technology solutions are available on the 6020.

The Monitoring and Diagnostic System enhances diagnostic capabilities and provides detailed troubleshooting functions.

The Board Control System uses sensors throughout the machine to monitor operating data, record faults, and notify the operator audibly and visually. This promotes the earliest possible detection of faults and allows for timely maintenance planning and assistance for speedy repair.



Our commitment to your success doesn't end when your Cat 6020 begins loading material. We immediately start looking for ways to make your shovel work more efficiently, safely and productively. From addressing performance issues, to training operators and technicians, to calibrating onboard technologies — our support of your shovel productivity is ongoing.





SUPPORT FOR THE COMPLETE EQUIPMENT LIFECYCLE

No one knows more about how to get the most from a piece of Cat equipment than Caterpillar and your local Cat dealer. We start with validation and testing of the machine and continue through the complete lifecycle of the shovel.

The one-of-a-kind Cat dealer support network delivers expert service, integrated solutions, after-sales support, fast and efficient parts fulfilment, world-class rebuild and remanufacturing capabilities and more.

Cat dealers operate as more than 150 local businesses — each one fully embedded in and committed to the geographic area it serves. That means you work with people you know, who know your business, and who respond on your timeframe.

Caterpillar and Cat dealer personnel will work with you on site to improve the performance not only of your shovels but of your overall loading and hauling operation. You'll have access to parts and service, as well as technicians who are focused on helping you optimize repairs to keep machines productive. And we help with training to ensure your operators have the skills and knowledge they need to work as efficiently and productively as possible.

We also work alongside you to help you get more value throughout the life of your equipment. Together with our Cat dealer network, we customize service offerings to provide a maintenance solution that fits your operation—whether you want to perform the majority of service yourself, or you're looking for an onsite expert to manage your maintenance organization. We're also consultants who can help you make smart decisions about buying, operating, maintaining, repairing, rebuilding and replacing equipment.

BETTER
LOADING
BETTER
HAULING
**BETTER
BOTTOM
LINE**

With a broad lineup of hydraulic mining shovels and a truck for every site or application — no matter the size class or drive system — Caterpillar can provide a complete loading and hauling solution that delivers a lower cost per ton. Trucks and loaders are ideally matched to improve the loading and hauling cycle. From iron to engines, hydraulics to electronics, software to hardware, transmissions to ground engaging tools — systems work together to deliver optimized performance and a better bottom line.



772 **3** PASSES



773 **3** PASSES



777 **4** PASSES



785 **6** PASSES



789 **8** PASSES



6020

TRUCK-SHOVEL MATCH

THE 6020 IS SUITED TO
LOAD A RANGE OF TRUCKS.



GET THE RIGHT OPTIONS FOR THE JOB

Rugged Cat attachments are designed to withstand harsh mining conditions. They're designed with high-strength steel and castings, and joined and thermally stress-relieved to extend service life and achieve productivity targets.

Buckets and ground engaging tools (GET) are designed to maximize durability and productivity and ideally matched to your shovel and application. They're integrated to work as part of a machine system—helping you achieve high productivity and a lower cost per ton.

A variety of sizes and wear packages are available to create the ideal match to your shovel and application. Four tip shapes of hammerless GET are designed specifically for the 6020, with no special tools required for removal and installation.

BUCKETS

Cat Hydraulic Mining Shovel buckets are designed to improve durability and productivity. We have the right bucket size ideally matched to your shovel and your application.

BACKHOE BUCKET OPTIONS

Iron Ore	Heavy Rock	Standard Rock	Light Rock	Coal
9.0 m ³	11.0 m ³	12.0 m ³	13.7 m ³	15.7 m ³
11.9 yd ³	14.4 yd ³	15.7 yd ³	17.9 yd ³	20.5 yd ³

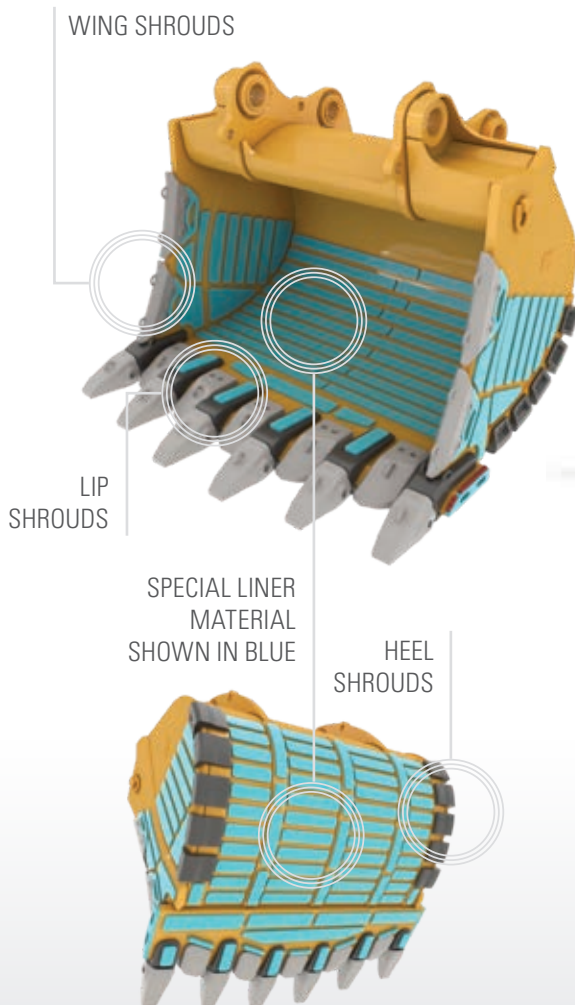
GET SYSTEM

WEAR PACKAGE

All buckets are equipped with a wear package that keeps you productive while protecting your investment. The wear package consists of:

- + Special liner material covering main wear areas inside and outside of bucket
- + Shrouds to protect the specific areas from impact and abrasion
 - Lip shroud between teeth
 - Wing shrouds on outer corners of the side walls
 - Heel shrouds at bottom edges

Special wear packages for highly abrasive materials are available upon request



EXPANDED OFFERINGS WITH SPECIALTY SOLUTIONS

- + Frontless shovel arrangements
- + Upper-only arrangements for fixed installations
- + Undercarriage and track arrangements

TECHNICAL SPECIFICATIONS

See cat.com for complete specifications.

DIESEL ENGINES – LESSER REGULATED		
Make and Model	Cat® C32B	
Rated Speed	1,800 min ⁻¹	1,800 rpm
Gross Power – J1995:2014	776 kW	1,040 hp
» Meets China Nonroad Stage III emission standards, equivalent to U.S. EPA Tier 2.		

DIESEL ENGINES – HIGHLY REGULATED		
Make and Model	Cat C32B	
Rated Speed	1,800 min ⁻¹	1,800 rpm
Gross Power – J1995:2014	771 kW	1,033 hp
» Meets U.S. EPA Tier 4 Final and EU Stage V emission standards.		

ELECTRICAL SYSTEM		
System Voltage	24 V	
Batteries in Series/Parallel Installation	6 × 210 Ah – 12 V each 630 Ah – 24 V in total	

OPERATING WEIGHTS		
Standard Track Pads	950 mm	3 ft 1 in
Operating Weight*	232 050 kg	511,583 lb
Ground Pressure	18.9 N/cm ²	27.4 psi

* Operating weights include: base machine, front attachment, standard track pads, standard rock bucket, 100% fuel and lubricants.

SERVICE REFILL CAPACITIES		
Fuel Tank Capacity	3277 L	865 gal
Hydraulic Oil Tank Capacity	2800 L	740 gal
Total Volume of Hydraulic Oil	3500 L	925 gal
Engine Oil	109 L	28.8 gal
Engine Coolant	165 L	43.6 gal
Pump Transmission Gearbox including Cooling Circuit	25 L	6.6 gal
Swing Gearbox	2 × 26 L	2 × 6.7 gal
Travel Gearbox	2 × 48 L	2 × 12.6 gal
Grease Tank Capacity	205 L	54 gal

SWING SYSTEM		
Swing Drives	2 compact planetary transmissions with axial piston motors	
Parking Brake	Wet multiple-disc brake, springloaded/hydraulically released	
Maximum Swing Speed	4.2 rpm	
Swing Ring	Triple-race roller bearing with sealed internal gearing	
Swing Circuit	Open Loop with auto slow down when joysticks in neutral	

HYDRAULIC SYSTEM		
Main Pumps	6 × variable swash plate pumps	
Maximum Total Oil Flow	2350 L/min	621 gal/min
Maximum Swing Oil Flow	783 L/min	216 gal/min
Maximum Pressure, Attachment	310 bar	4,495 psi
Maximum Pressure, Travel	310 bar	4,495 psi

UNDERCARRIAGE		
Travel Speed (two stages)		
1st Stage – Maximum	1.1 km/h	0.68 mph
2nd Stage – Maximum	2.4 km/h	1.49 mph
Maximum Tractive Force	1183 kN	265,900 lbf
Gradeability of Travel Drives	54% approximate	
Track Pads (each side)	45	
Bottom Rollers (each side)	8	
Support Rollers (each side)	3	
Travel Drives (each side)	1 planetary transmission with 2 two-stage axial piston motors	
Parking Brake	Wet multiple-disc brake, spring loaded/hydraulically released	

OPERATOR ENVIRONMENT		
Operator's Eye Level	6.5 m	21 ft 4 in
Spectator Sound Power Level (L _{WA}) ISO 6395:2008*	116 dB(A)	
Operator Sound Pressure Level (L _{PA}) ISO 6396:2008*	69 dB(A)	
Optional Sound Suppression		
Spectator Sound Power Level (L _{WA}) ISO 6395:2008*	114 dB(A)	
Operator Sound Pressure Level (L _{PA}) ISO 6396:2008*	67 dB(A)	
Operator Protective Guard ISO 10262:1998 Level II	Front and Top Guard	

*Measurement was conducted at 70% of the maximum engine cooling fan speed. The sound level may vary at different engine cooling fan speeds. The cab was properly installed and maintained. The measurement was taken with the cab doors and windows closed.
NOTE: The dynamic sound power level and sound pressure level uncertainty is ± 2 dB(A).

WORKING RANGE AND FORCE		
Boom	8.7 m	28 ft 7 in
Stick	3.9 m	12 ft 10 in
Standard Rock Bucket Capacity Heaped 1:1 (ISO 7451:2007)	12.0 m ³	15.7 yd ³
Ground Engaging Tools (GET) System	Cat C85	
Maximum Tearout Force	650 kN	146,125 lbf
Maximum Breakout Force	730 kN	164,050 lbf
Maximum Digging Depth	8.1 m	26 ft 7 in
Maximum Digging Reach	15.9 m	52 ft 2 in
Maximum Digging Height	13.9 m	45 ft 7 in

STANDARD & OPTIONAL EQUIPMENT

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

CAT POWER TRAIN	STANDARD	OPTIONAL
Cat® C32B engine	•	
Aftertreatment system (used in Tier 4 Final/Stage V only):	•	
» Diesel Oxidation Catalyst (DOC)		
» NOx Reduction System (NRS)		
» Non-Diesel Exhaust Fluid (DEF) solution		
Hydraulically driven radiator fan	•	
Electronically controlled fan speed	•	
Two-stage fuel filter with series filtration	•	
Automatic engine idle shut down	•	
HYDRAULICS	STANDARD	OPTIONAL
Pump managing system with:	•	
» Electronic load limit control		
» Flow on demand		
» Automatic zero flow regulation		
» Automatic engine RPM reduction		
» Reduced oil flow at high hydraulic oil or engine temperature		
Pressure cut-off for main pumps	•	
Open loop swing circuit	•	
Boom float valve	•	
ELECTRICAL SYSTEM	STANDARD	OPTIONAL
6 batteries	•	
9 LED high-brightness working flood lights	•	
7 LED service lights	•	
UNDERCARRIAGE	STANDARD	OPTIONAL
Forged double-grouser track pads	•	
» 950 mm (3ft 1 in) wide track pads	•	
» 750 mm (2ft 4 in) wide track pads*		•
» 1200 mm (3ft 9 in) wide track pads**		•
Undercarriage guard (belly plate)		•
HD Fixed axle carrier and load rollers	•	
Automatic hydraulic retarder valve	•	
Fully hydraulic self-adjusting track tensioning system with piston accumulator	•	

* 750 mm track pads result in an operating weight of 230 003kg (507,070lb) and 23.6 N/cm² (34.3 psi) of ground pressure.

** 1200 mm track pads result in an operating weight of 236 530kg (521,459lb) and 15.2 N/cm² (22.0 psi) of ground pressure.

FRONT ATTACHMENT	STANDARD	OPTIONAL
Backhoe attachment		•
Frontless base machine (no boom, no stick, no linkage or kinematics)		•
Internal service access in boom	•	
Boom and stick thermally stress relieved after welding	•	
Catwalks with rails at boom	•	
Wear Package (as per bucket selection)	•	
OPERATOR ENVIRONMENT	STANDARD	OPTIONAL
Dual HVAC system	•	
Pneumatically cushioned and multiadjustable comfort seat	•	
Independently adjustable seat consoles with intergrated joysticks	•	
FM/AM radio with USB and AUX input	•	
Fold away auxiliary seat	•	
Roller blinds at all windows	•	
Camera Monitoring System 2.0		•
Cat Board Control System with 254 mm (10 in) color touchscreen	•	
Sound Suppression Package		•
CAT TECHNOLOGY	STANDARD	OPTIONAL
Cat Product Link Elite™ (Satellite)		•
Cat Product Link Elite™ (Cellular)		•
Cat Product Link Elite™ (Dual)		•
Cat Product Link Elite (no radio)		•
Cat Minestar™ Solutions ready	•	
COLD WEATHER	STANDARD	OPTIONAL
Cold Weather Package (400V; 50Hz)		•
Cold Weather Package (208V; 60 Hz)		•
SERVICE AND MAINTENANCE	STANDARD	OPTIONAL
Ground level service station	•	
Scheduled Oil Sampling (S-O-S SM) ports	•	
Engine oil exchange interval: 500 hours	•	
Hydraulic oil change interval: 10,000 hours	•	
Cat CEM air filters with precleaner dust ejection system	•	
SAFETY AND SECURITY	STANDARD	OPTIONAL
Alternate egress ladder	•	
All-around safety glass	•	
Operator Protective Guard (Top Guard)	•	
Emergency stop switches in cab, engine module, 1 pull rope accessible from ground	•	
MISCELLANEOUS	STANDARD	OPTIONAL
ISO or ANSI decals	•	



6020 HYDRAULIC MINING SHOVEL

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

PEDJ1354

Materials and specifications are subject to change without notice. Featured machines in photos may include additional equipment. See your Cat dealer for available options.

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