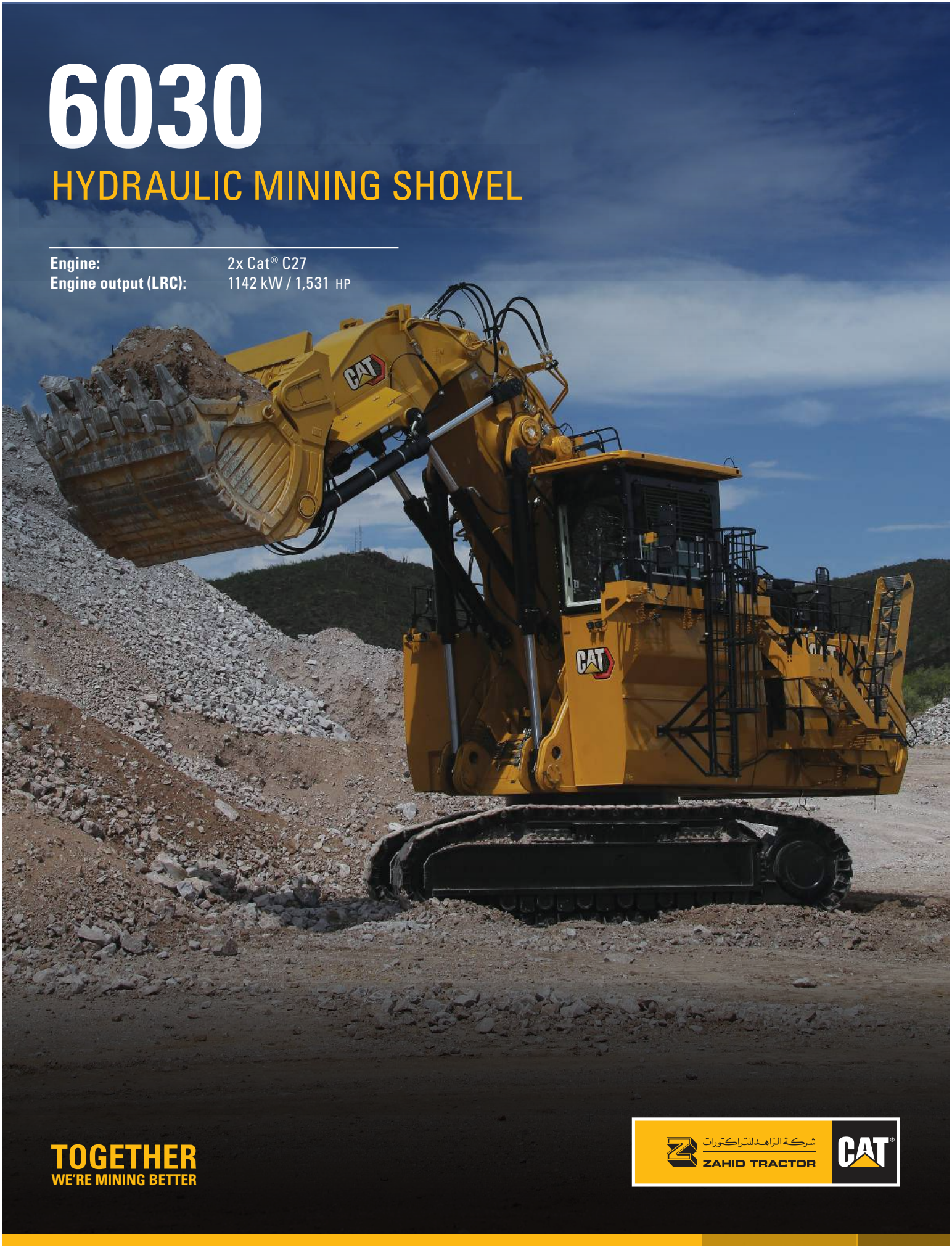
6030

HYDRAULIC MINING SHOVEL

Engine:	2x Cat® C27
Engine output (LRC):	1142 kW / 1,531 HP



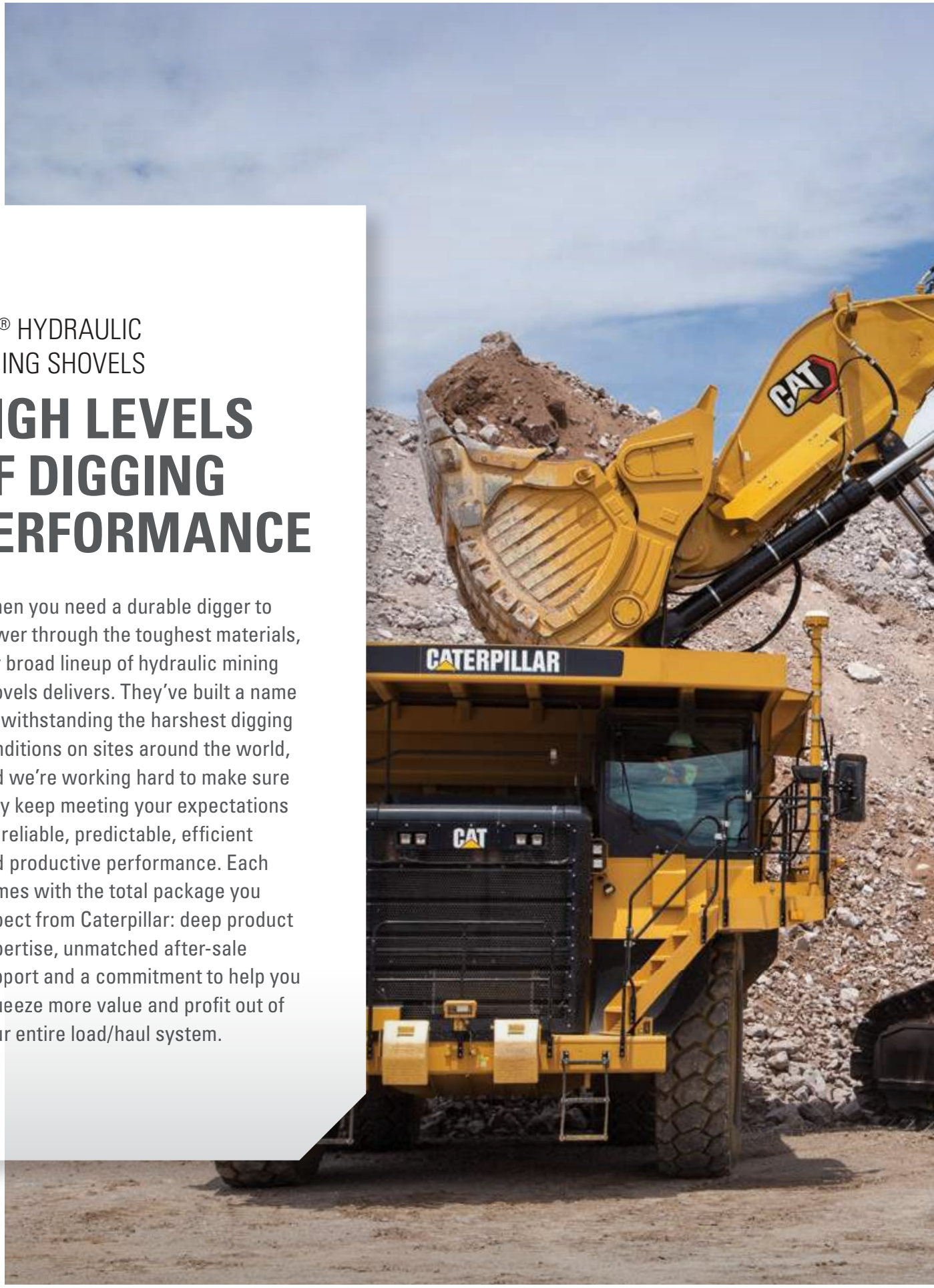
TOGETHER
WE'RE MINING BETTER

شركة الزاهد للتراكتورات
ZAHID TRACTOR
CAT®

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
6030

CAT® 6030

HYDRAULIC MINING SHOVEL



THE PRODUCTIVITY YOU EXPECT. THE RELIABILITY YOU DEMAND.

The Cat® 6030 may be the smallest shovel in the Cat Productivity Class lineup, but it's the most popular. Owned by more customers than any other product in the HMS portfolio, the 6030 is in operation around the world.

POWERFUL PERFORMER

Equipped with proven and reliable C27 engines, the fully converted 6030 provides the most powerful engine output in its class along with the mobility and flexibility you need from a 300-tonne machine. It delivers the productivity you expect, with the reliability you demand.

The 6030 offers a standard bucket capacity of 17 m^3 (22.2 yd^3) in backhoe configuration, and 16.5 m^3 (21.5 yd^3) in face shovel (FS) configuration with the unique Cat TriPower™ system. The 6030 is ideal to load Cat 777 to 793 mining trucks.

But we're always looking for ways to make the 6030 better. The only shovel in its size class offered with dual engines, it's available with a Tier 4 Final engine solution that eliminates the need for Diesel Exhaust Fluid (DEF), saving time and cost during maintenance.

MORE PRODUCTIVE

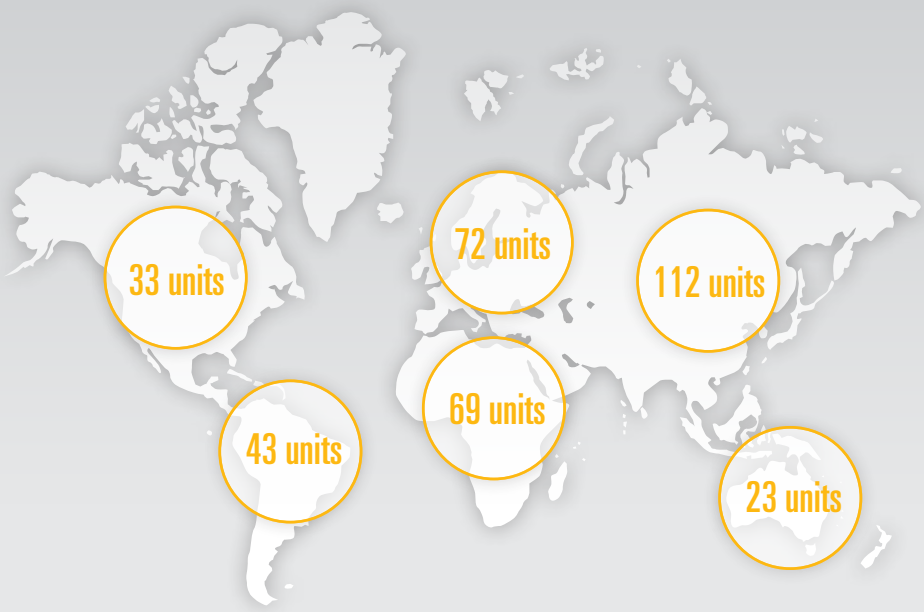
» Highest engine output in class
» Highest Crowd and Tearout Forces in Class
» Only non-DEF solution in class

MORE RELIABLE

» 100% Cat Hose assemblies
» HD Undercarriage with fixed axle technology
» Product Link™ Elite enables improved condition monitoring

MORE SUSTAINABLE

» Reduced number of unique parts
» New visibility arrangements



PROVEN

» 350+ Cat 6030 Hydraulic Mining Shovels
» Over 9.5 million hours in operation



LOAD MORE EVERY CYCLE

The Cat 6030 is a proven and powerful global leader, loading more every cycle and every shift. Its powerful engine and efficient hydraulic system allow higher working speeds for fast cycle times and high production — delivering more to your bottom line.

FASTER FACE SHOVEL OPERATION

The 6030's unique TriPower face shovel design has been proven to deliver safer, easier and faster face shovel operation. Generating superior mechanical leverage and control, our FS configured hydraulic mining shovels utilize a unique boom design that employs rotatable triangular rockers. This design facilitates quicker cycle times, increased effective lifting forces, constant boom momentum, automatic constant bucket angle, and automatic roll-back limitation.



UNIQUE TWIN ENGINE CONCEPT

The 6030's twin engine concept delivers greater uptime and increased productivity without compromising fuel consumption. Move away from high walls, blast zones or other safety hazards when in need of engine repair with single-engine operation. By comparing one engine and associated hydraulic network to the other engine, troubleshooting is expedited and simplified, therefore generating more uptime and more productivity.

FASTER BOOM MOVEMENT

Cycle times are reduced thanks to the use of float valves rather than engaging pumps to lower the boom. This facilitates faster boom movements and allows other operating functions such as bucket curl and stick in/out to occur simultaneously.



LOWER COSTS
BY BOOSTING EFFICIENCY

The largest contributor to the operating cost of hydraulic mining shovels is fuel. The Cat 6030 offers a number of features that contribute to overall efficiency — reducing fuel usage and lowering overall operating costs.

INTELLIGENT OPERATION

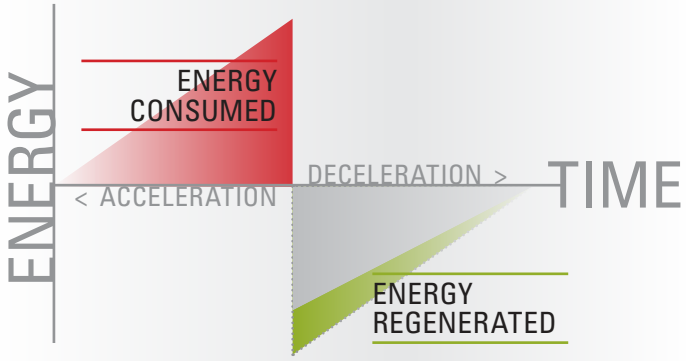
The intelligent pump managing system contributes to lower costs by improving component life while reducing fuel consumption. The system continuously evaluates actual engine and hydraulic operating values against set values and adjusts pump output accordingly. This results in efficient use of the engine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



CAPTURED ENERGY

The Closed-loop Swing System delivers faster cycle times and improved energy efficiency, while also generating less heat. Kinetic energy captured during the swing motion is fed back into the system during deceleration, providing more power to drive the main and auxiliary pumps. The system:

+ Uses pumps to decelerate
+ Uses energy instantaneously
+ Creates less heat
+ Lowers engine load factor
+ Reduces fuel consumption



PROTECTING AND EXTENDING THE LIFE OF HYDRAULIC COMPONENTS

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.

+ Independent from return oil / machine movement
+ Continuous cooling keeps oil at optimal temperature
+ Temperature controlled

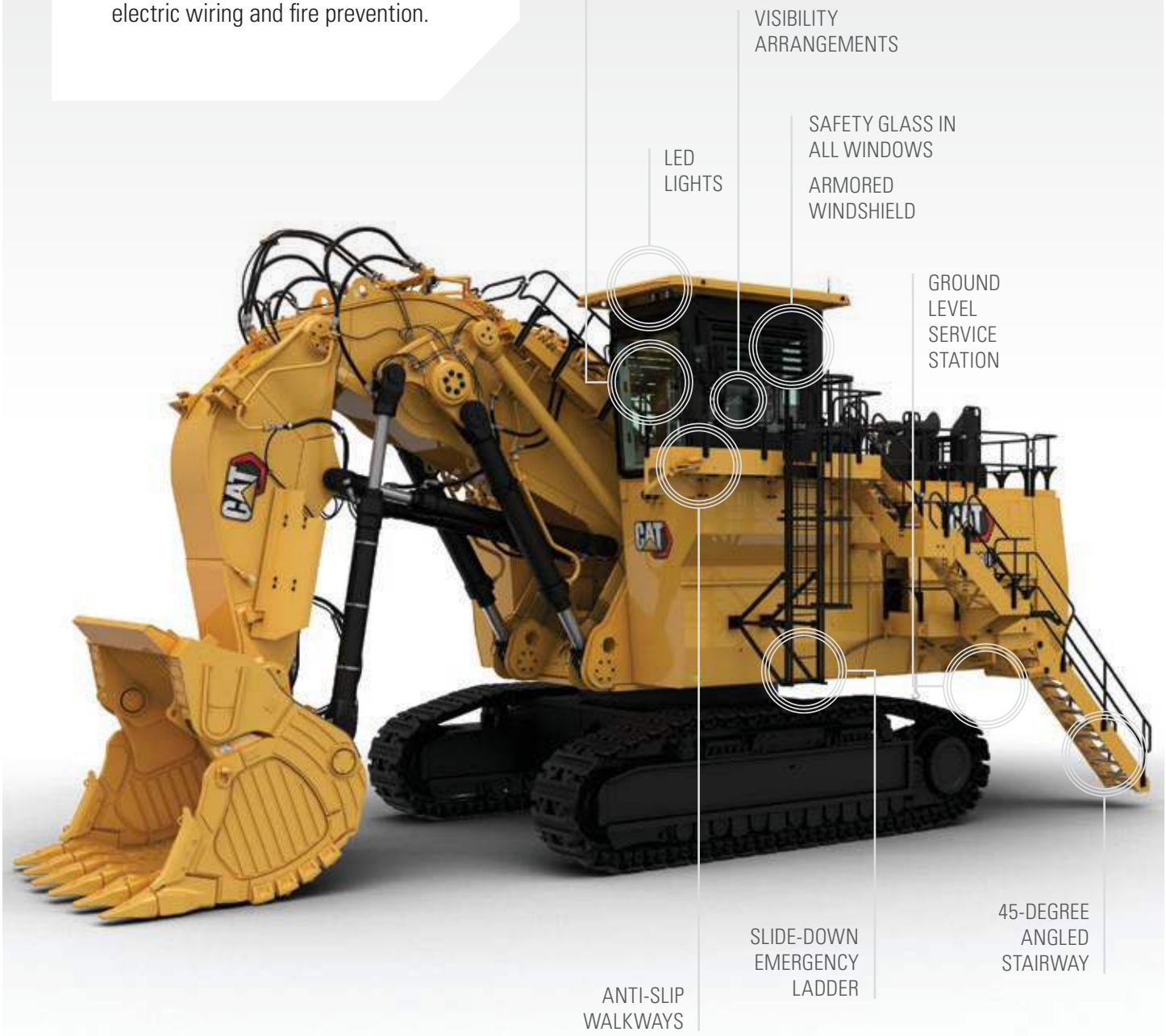
FOCUS ON SAFETY

IN, ON AND AROUND THE SHOVEL

The 6030 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 access and egress, hydraulic hose routing, electric wiring and fire prevention.

GREATER VISIBILITY

The height of the cab module ensures an eye level of approximately 6.5 m (21 ft 4 in), providing excellent visibility of the digging and loading areas.





EMERGENCY EGRESS LADDER

An emergency egress ladder is located in direct proximity to the cab.

» Self-closing door to emergency egress

» Escape route avoids possible risk zones

» Safety cage mitigates risk of falling



SAFER ACCESS AND EGRESS

The 45-degree hydraulically operated boarding stairway features emergency lowering via a nitrogen accumulator, which ensures it remains operational even when engines shut off. Machine swing and propel capabilities are automatically disabled while the boarding stairway is lowered.

SAFER SERVICE

Service personnel can work more safely thanks to improved sealing between engines and hydraulic pumps, improved routing and separation of hydraulic lines and electric cables, pressure relief caps, and protective covers on exhaust and turbo pipes, mufflers and coolant tanks. All service areas are accessible via anti-slip walkways, and trip hazards are eliminated.



ISOLATION SWITCHES

A lockable starter and battery isolation switch cabinet, mounted on the top deck directly above the battery box, allows for safe electrical and/or mechanical maintenance of the machine.



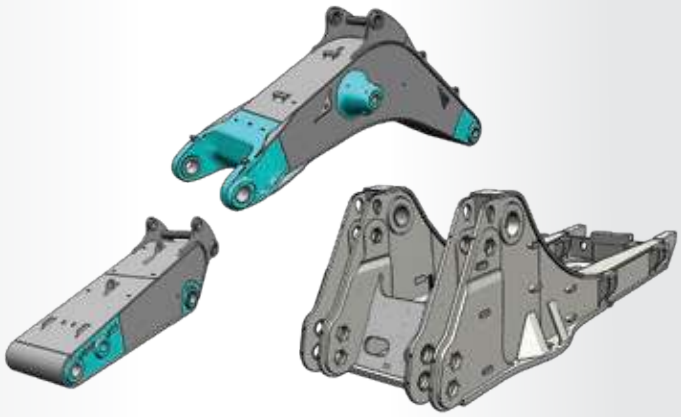
COUNT ON THE CAT 6030

We continue to improve the durability and reliability of the Cat 6030, with a number of significant improvements already made and others in progress.



ROBUST AND RELIABLE STRUCTURES

+ Designed and fabricated to withstand toughest digging conditions
+ Manufactured from high-strength steel
+ Heavy castings at attachment pivot points
+ Booms and sticks are stress relieved after welding





100 YEARS OF UNDERCARRIAGE INNOVATION

Key to the latest improvements is a new undercarriage that leverages over 100 years of Cat undercarriage innovation. We've introduced new idlers with duo cone seals and steel-backed bronze bearings. New HD rollers extend expected lifetime with no overheating during tramming, and lifetime lubrication and duo cone seals reduce maintenance. These rollers are retrofittable to improve shovels in the field. We've also improved track pads and track tensioning.

HD Tracks

+ Cast double-grouser combined pad links
+ High interference bushing eliminates cracking and bushing walking
+ Deep carburized bushing reduces pitch extension
+ Induction hardened rail extends track pad life



DIG. LOAD. REPEAT.
3.7 MILLION TIMES

A CAT 6030
CAN LOAD
100M TONS
OF MATERIAL
— FILLING —
734,000
CAT 785 TRUCKS
OVER ITS LIFETIME

Properly maintained 6030; based on 60,000 SMU

Spend more time loading and less time servicing

We've streamlined maintenance on the Cat 6030 to make sure your shovel is spending more time producing than it is being maintained. We made it more efficient to inspect, maintain and repair hydraulic components by placing the main valve block on the boom and improving the routing and clamping of hoses. The integration of Cat hose assemblies ensures they can be built locally, which reduces downtime and operating costs. Access to Cat Electronic Technician (ET) allows you to more effectively diagnose and execute engine maintenance.

SERVICE STATION

The service station provides easy access to functions such as coolant, hydraulic oil, slew gear box oil, grease, diesel and engine oil. The service station features a Cat battery charging connector and indicator lights for full fuel tanks. Swing and travel functions are disabled when the service station is lowered.

+ Hydraulically released service station
+ Comfortable height
+ Improved access to all functions
+ Fast fill connections





SUPERSTRUCTURE ACCESS

Clear arrangement of components on the superstructure grants easy access and serviceability for coolant expansion tanks, air intake filters, oil tank breather, HVAC unit, grease tank, exhaust, and starter and battery isolator. We've also provided easy access to the slew gearboxes, rotary distributor, high pressure swing filters and travel spool valves. Oil cooler accessibility enables easy cleaning and maintenance.

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.

We've designed the 6030 to be more efficient and use less fuel, which reduces engine emissions and carbon footprint. The closed-loop swing circuit emits less heat and improves energy efficiency. The optional Tier 4 engine reduces NOx and particulate matter.

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



EMISSIONS REDUCTION SYSTEM

The 6030 is powered by the durable and reliable C27 Engine — available for both highly regulated or lesser regulated countries (LRC). 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. The LRC solution meets China Nonroad Stage III emission standards, equivalent to U.S. EPA Tier 2.



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 6030 operator's cab.

DESIGNED FOR COMFORT

Operators sit in a pneumatically cushioned, multi-adjustable, heated seat with easy access to intuitive, informative onboard electronics. The cab provides excellent visibility and also features an auxiliary trainer seat with retractable seat belt.

DESIGNED FOR PRODUCTIVITY

The Electronic-Hydraulic Servo Control relays actuating signals from the joysticks, delivering fast and precise machine reactions 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 large, color touch-screen puts machine monitoring at the operator's fingertips.

DESIGNED FOR VISIBILITY

The height of the cab module ensures an eye level of approximately 6.5 m (21 ft 4 in), providing excellent visibility of the digging and loading areas. In addition, the optional camera monitoring system improves visibility and situational awareness.

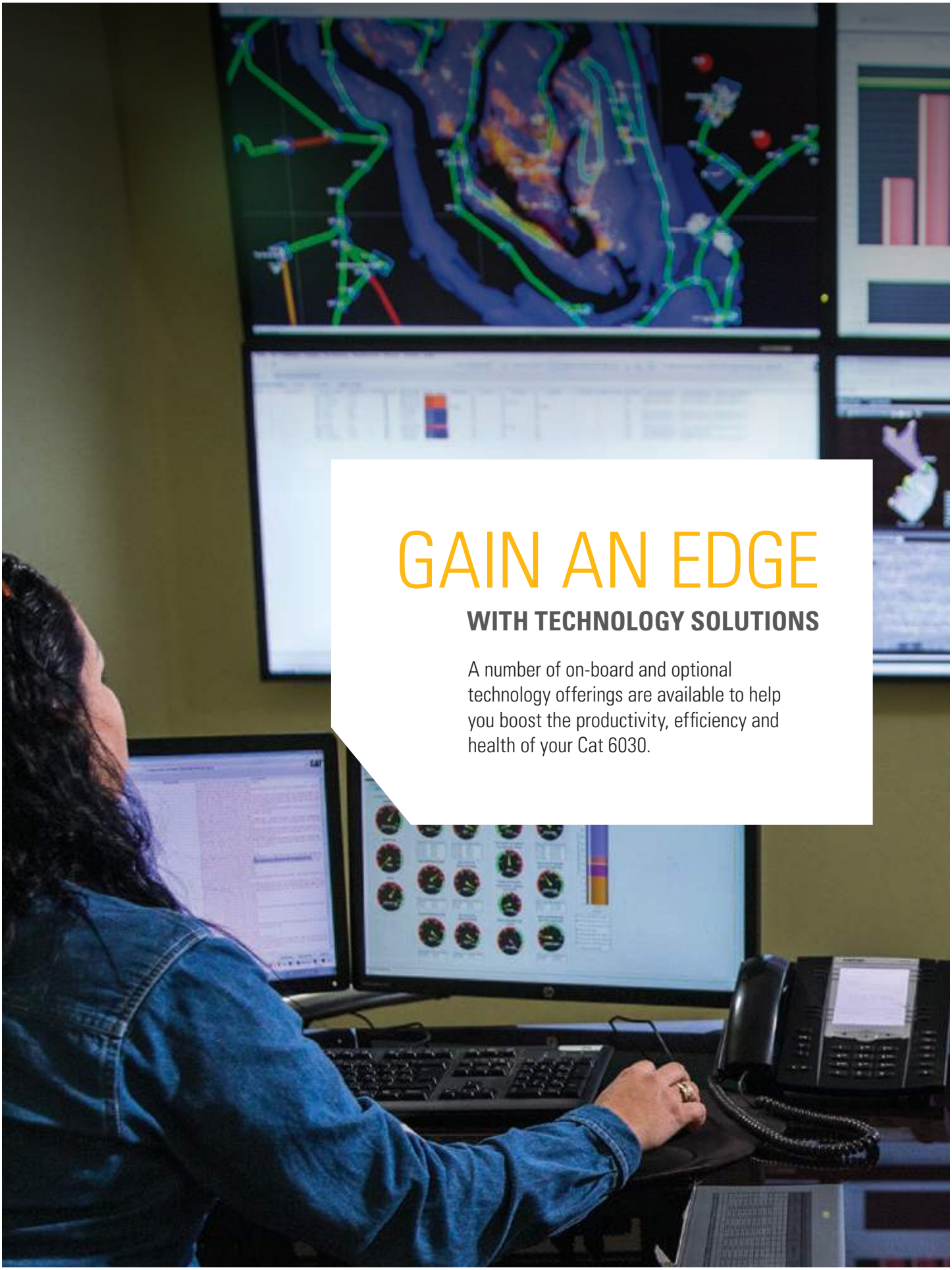


GET CONNECTED
TO REDUCE DOWNTIME

As we work toward full Cat integration of the 6030, we've made significant progress toward connecting the 6030 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 boosts connectivity and increases the availability of data provided by the 6030. The on-board hardware enables your shovel 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™.

The system opens the door for industry-leading equipment health and condition monitoring services from Caterpillar and your local Cat dealer. In addition, service personnel have access to Cat Electronic Technician, which enables easy diagnosis of potential engine problems and can help prevent future issues.



GAIN AN EDGE

WITH TECHNOLOGY SOLUTIONS

A number of on-board and optional technology offerings are available to help you boost the productivity, efficiency and health of your Cat 6030.

CAT MINESTAR™ SOLUTIONS

While they are not integrated at the factory, the capability sets of Cat MineStar™ Solutions are available as a retrofit. A comprehensive suite of technology products for the mining industry, MineStar offerings include:

+ Fleet, which provides real-time machine tracking, assignment and productivity management, providing a comprehensive overview of all your asset operations from anywhere in the world.
+ Terrain, which enables high-precision management of drilling, dragline, grading and loading operations through the use of guidance technology. It increases machine productivity and provides you real-time feedback for improved efficiency.
+ Detect, which 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.
+ Health, which 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.



SHOVEL TECHNOLOGY SOLUTIONS

A number of specific shovel technology solutions are available on the Cat 6030.

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.

+ Large 12” touch screen
+ Live sensor monitoring
+ Visual and acoustic fault warnings
+ Machine settings can be made without additional hard- or software

Our commitment to your success doesn't end when your Cat 6030 begins loading overburden or ore. 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.



PARTNERS
IN YOUR PERFORMANCE



YOUR PARTNER 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. Our partnership starts with validation and testing of the machine and continues 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 nearly 200 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 partner with you on site to improve the performance not only of your shovels but of your overall loading and hauling operation. With this fully converted machine, you'll have improved access to parts, fully integrated machine service documentation, the ability to build hose assemblies locally, and 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 ensure you achieve maximum 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 partner 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 delivers a complete loading and hauling solution that delivers the lowest cost per ton. Trucks and loaders are ideally matched to optimize 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.



777 **3 PASSES**



785 **5 PASSES**



789 **6 PASSES**



793 **7-8 PASSES**





6030

TRUCK-SHOVEL MATCH

THE 6030 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

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

FACE SHOVEL OPTIONS

Iron Ore	Heavy Rock	Heavy Rock	Standard Rock
12.0 m^3	13.5 m^3	15.0 m^3	16.5 m^3
15.7 yd^3	17.7 yd^3	19.6 yd^3	21.6 yd^3

Capacity Heaped 2:1 (ISO 7546)

BACKHOE BUCKET OPTIONS

Iron Ore	Heavy Rock	Standard Rock	Light Rock
12.0 m^3	15.0 m^3	17.0 m^3	18.0 m^3
15.7 yd^3	19.6 yd^3	22.2 yd^3	23.5 yd^3

Capacity Heaped 1:1 (ISO 7451)

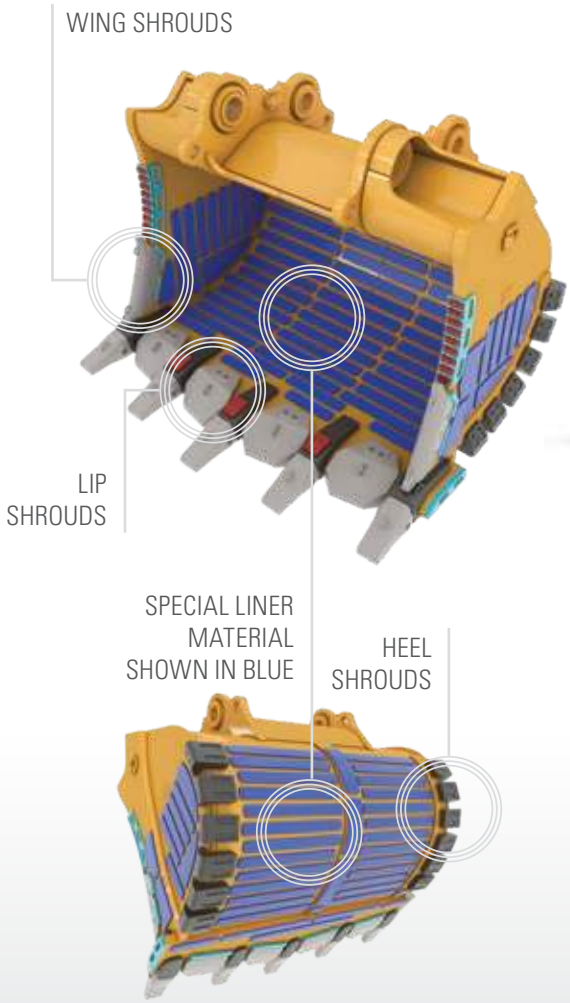
GROUND ENGAGING TOOLS

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/6030 for complete specifications.

DIESEL ENGINES – LESSER REGULATED		
Make and model		2x Cat C27
Rated speed	1,800 min-1	1,800 rpm
Total rated gross power – SAE J1995	1142 kW	1,531 hp
Total rated net power – SAE J1349	1063 kW	1,425 hp
Total rated net power – ISO 9249	1127 kW	1,511 hp
(Meets China Nonroad Stage III emissions standards, equivalent to U.S. EPA Tier 2.)		

DIESEL ENGINES – HIGHLY REGULATED		
Make and model		2x Cat C27
Rated speed	1,800 min-1	1,800 rpm
Total rated gross power – SAE J1995	1230 kW	1,649 hp
Total rated net power – SAE J1349	1149 kW	1,541 hp
Total rated net power – ISO 9249	1212 kW	1,625 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	4 x 210 Ah – 12 V each 420 Ah – 24 V

OPERATING WEIGHTS		
Face Shovel (FS)	298 300 kg	657,640 lb
Backhoe (BH)	299 400 kg	660,060 lb
* Operating weights include: base machine, front attachment, standard track pads, standard rock bucket, 100% fuel and lubricants.		

SERVICE REFILL CAPACITIES		
Fuel Tank Capacity	5080 L	1342 gal
Hydraulic Tank	2675 L	707 gal
Hydraulic System (including tank)	3675 L	971 gal
Engine Oil	2 x 99 L	2 x 26.2 gal
Engine Coolant	2 x 150 L	2 x 39.6 gal
Grease container	450 L	119 gal

HYDRAULICS		
Maximum Flow to Main Pumps	4 x 552 L/min	4 x 146 gal/min
Maximum Pressure – Attachment	310 bar	4,495 psi
Maximum Pressure – Travel	360 bar	5,220 psi
Maximum Flow to Swing Pumps	4 x 197 L/min	4 x 52 gal/min
Maximum Pressure – Swing	350 bar	5,076 psi

SWING SYSTEM	
Swing Speed	4.6 rpm
Swing Circuit	Closed-loop with Torque Control

UNDERCARRIAGE		
Maximum Travel Speed – 1st stage	1.4 km/h	0.87 mph
Maximum Travel Speed – 2nd stage	2.7 km/h	1.68 mph
Maximum Tractive force	1602 kN	360,144 lbf

OPERATOR ENVIRONMENT		
Operator's Eye Level	6.5 m	21 ft 4 in
Spectator Sound Power Level (L_{WA}) ISO 6395:2008		114.9 dB(A)
Operator Sound Pressure Level (L_{PA}) ISO 6396:2008		78 dB(A)
Operator Protective Guard ISO 10262:1998 Level II		Front and Top Guard

DIMENSIONS		
Height overall	8050 mm	26 ft 5 in
Height of tracks	1940 mm	6 ft 4 in
Clearance under counterweight	2170 mm	7 ft 1 in
Tail swing radius	6450 mm	21 ft 2 in
Width overall (@ 1000 mm standard pads)	7520 mm	24 ft 8 in
Crawler length	7660 mm	25 ft 2 in
Track gauge	4800 mm	15 ft 9 in

WORKING RANGES AND FORCES		
FACE SHOVEL		
Boom	6.2 m	20 ft 4 in
Stick	4.4 m	14 ft 5 in
Standard Rock Bucket Heaped 2:1 (ISO 7546)	16.5 m^3	21.6 yd^3
G.E.T. System with six (6) teeth	C95	
Max Crowd Force (ISO)	1298 kN	291,700 lbf
Max Breakout Force	954 kN	214,390 lbf
Max Digging Height	13.9 m	45 ft 7 in
Max Digging Reach	13.7 m	44 ft 11 in
BACKHOE		
Boom	8.5 m	27 ft 11 in
Stick	4.0 m	13 ft 1 in
Standard Rock Bucket Heaped 2:1 (ISO 7546)	17.0 m^3	22.2 yd^3
G.E.T. System with six (6) teeth	C85	
Max Tearout Force (ISO)	944 kN	212,150 lbf
Max Breakout Force	880 kN	197,760 lbf
Max Digging Depth	6.2 m	20 ft 4 in
Max Digging Reach	15.1 m	49 ft 6 in

STANDARD & OPTIONAL EQUIPMENT

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

CAT POWER TRAIN	STANDARD	OPTIONAL
2 x Cat® C27 Engines	•	
Aftertreatment System » Diesel Oxidation Catalyst (DOC) » NOx Reduction System (NRS) » Non-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 management system » Electronic load limit control » Flow on demand » Automatic zero flow regulation » Automatic engine RPM reduction	•	
Pressure cut-off for main pumps	•	
Closed loop swing circuit	•	
Boom float valves	•	
Cat Hydraulic Hose assemblies	•	

ELECTRICAL SYSTEM	STANDARD	OPTIONAL
Maintenance-free batteries	•	
14 LED high-brightness working flood lights	•	
11 LED service lights	•	

UNDERCARRIAGE AND STRUCTURES	STANDARD	OPTIONAL
HD tracks	•	
» 800 mm (2 ft 7 in) wide track pads		•
» 1000 mm (3 ft 3 in) wide track pads	•	
» 1200 mm (3 ft 11 in) wide track pads		•
Undercarriage guard ~~for extra protection~~		•
HD Fixed axle ~~rollers~~	•	
HD Fixed axle idlers	•	
Automatic hydraulic retarder valve	•	
~~Acoustic travel alarm~~ (forward & reverse)	•	
Fully hydraulic self-adjusting track tensioning	•	

FRONT ATTACHMENT	STANDARD	OPTIONAL
TriPower™ Kinematics (Face Shovel only)		•
Guards for shovel cylinders at FS stick	•	
Backhoe attachment		•
Frontless base machine		•
Wear package and shrouds	•	
Special wear packages		•

OPERATOR ENVIRONMENT	STANDARD	OPTIONAL
Single HVAC system	•	
Dual HVAC system		•
Heated, pneumatically cushioned and multi-adjustable comfort seat	•	
Independently adjustable seat consoles with intergrated joysticks	•	
[illegible]M radio with USB and AUX input	•	
Fold away auxiliary seat	•	
Sliding side window	•	
Roller blinds at all windows	•	
External sun shields	•	
Camera Monitoring System 2.0		•
Cat Board Control System with 305 mm (12 in) color touchscreen	•	
Inclinometer	•	

CAT TECHNOLOGY	STANDARD	OPTIONAL
Cat Product Link Elite™ (Satellite)		•
Cat Product Link Elite™ (Cellular)	•	
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)		•
Auxiliary cab heater		•

SERVICE AND MAINTENANCE	STANDARD	OPTIONAL
Retractable service station	•	
S.O.S.℠ sampling ports	•	
Engine oil exchange interval: 500 hours	•	
Engine oil exchange interval: 1,000 hours		•
Hydraulic oil change interval: 10,000 hours	•	
Cat CEM air filters with dust ejection system	•	

SAFETY AND SECURITY	STANDARD	OPTIONAL
Emergency egress ladder	•	
All-around safety glass	•	
Armored windshield	•	
Operator Protective Guard (Top Guard)	•	
Operator Protective Guard (Front Guard)		•
~~Safety seat contact switch~~	•	
Five (5) Emergency Stop Switches	•	

MISCELLANEOUS	STANDARD	OPTIONAL
ISO or ANSI decals	•	



6030 HYDRAULIC MINING SHOVEL

www.zahid.com
@zahidcat

شركة الزاهد للتراكتورات
ZAHID TRACTOR
CAT