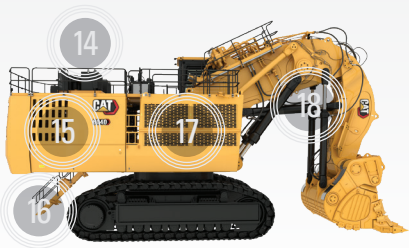


THE NEW CAT® 6040
HYDRAULIC MINING
SHOVEL (LRC VERSION)

THE PRODUCTIVITY
YOU DEMAND.
THE DURABILITY
YOU EXPECT.



1. Productive and durable buckets equipped with a wear protection package of choice
2. Improved grease line protection in BH bucket linkage
3. Durable boom with energy-efficient boom-lowering float valves
4. LED high-brightness working and service lights
5. Safety features designed in accordance with mining safety best practices
6. Comfortable and productive operator's cab with large, color touchscreen and optional dual HVAC
7. Cab riser module with emergency egress ladder
8. Updated product identity
9. Durable superstructure
10. Integrated carbody and crawler frames with Cat® HD undercarriage, HD rollers, HD idlers, HD track and improved track tensioning cylinder
11. Safe access and egress with powered 45° access stairway
12. New engine module with two Cat C32 engines, optimized hydraulics and hose routing. Meets China Nonroad Stage III emission standards (equivalent to U.S. EPA Tier 2) as well as China Smoke Category III limits
13. Connects to Cat MineStar™ Solutions with new Product Link™ Elite and Cellular or Satellite radio options
14. New Cat Type 4 air filters and pre-cleaner dust ejection system, sized to improve air filter overall life
15. Integrated mainframe, new Power Module and Counterweight
16. Easily accessible ground-level service station
17. Oil cooler module with fully independent oil cooling system, with continuous hydraulic oil filtration
18. Safe and efficient TriPower™ system



**THE NEW CAT® 6040
HYDRAULIC MINING
SHOVEL (LRC VERSION)**



2,084 hp / 1554 kW
ENGINE OUTPUT

BACKHOE: 44 t / 40 mt
FACE SHOVEL: 44 t / 40 mt
BUCKET PAYLOAD

BACKHOE: 449 t / 407 mt
FACE SHOVEL: 446 t / 405 mt
OPERATING WEIGHT



HEAVY DUTY UNDERCARRIAGE

- » Designed and built specifically to withstand the rigors of any digging environment, new HD undercarriage extends service life by up to 30%.
- » Heavy duty rollers and idlers improve performance, increase wear life, reduce internal friction and overheating, and eliminate grease consumption and lines.
- » Heavy duty track group handles high field loads and reduced pitch extension wear increases track chain life by 20% to 40%.



ENGINES

- » Durable Cat C32 engines, which offer unsurpassed performance and have been proven to withstand the challenging conditions found at mine sites across the globe.
- » High power output and proven reliability.



SAFETY

- » Emergency egress ladder located in direct proximity to the cab.
- » Anti-slip walkways and a 45-degree angled stairway allow for safe access and egress.
- » Safety glass in all windows and armored windshield protect operators.
- » Five emergency shut-off switches, with one easily accessible in the cab to shut down the electrical system in case of emergencies.

SERVICEABILITY

- » Easy access and inspection of Cat Type 4 air filters on top deck.
- » Better organized hoses and components.
- » Integration of Cat hoses and couplings, which offer industry-leading reliability and performance, with the ability to source locally using all Cat materials.
- » Service station that provides easy access to functions such as coolant, hydraulic oil, slew gear box oil, grease, and diesel and engine oil.
- » Reduced maintenance downtime thanks to exchange intervals for engine oil and engine filters that have been increased from 500 to 1,000 hours.
- » Product Link Elite hardware, onboard machine controllers and software, which enable the collection and transmission of machine electronic data to locally hosted or cloud-hosted applications.
- » Unique twin engine concept, which simplifies and expedites troubleshooting, generating more uptime and higher production.



PEDJ1043

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