

POWERTEK XPE

EXTREME PRODUCTION EXCAVATOR

Built around the tool. Battle-ready for the job.

PRODUCTION-CLASS POWER · PURPOSE-BUILT PROTECTION · CONNECTED MACHINE SUPPORT



Powertek XPE with Powertek CH-150 high-HP mulching cutterhead

The Powertek XPE is a production-class excavator built around the work tool. Instead of starting with a conventional digging machine and adapting it for high-horsepower attachments, the XPE is engineered as one integrated system – engine, hydraulics, cooling, guarding, cab protection, service access, and connected support all working together. The result is a cleaner, stronger, easier-to-service machine built for contractors who make money when the attachment is working and downtime stays under control.

Pair it with the right tool and the XPE becomes a complete production package: the attachment does the work, while the machine's integrated power, guarding, cooling, and structure keep it protected – and producing – in the most demanding conditions.

PRODUCTION CLASS VS. CONVENTIONAL

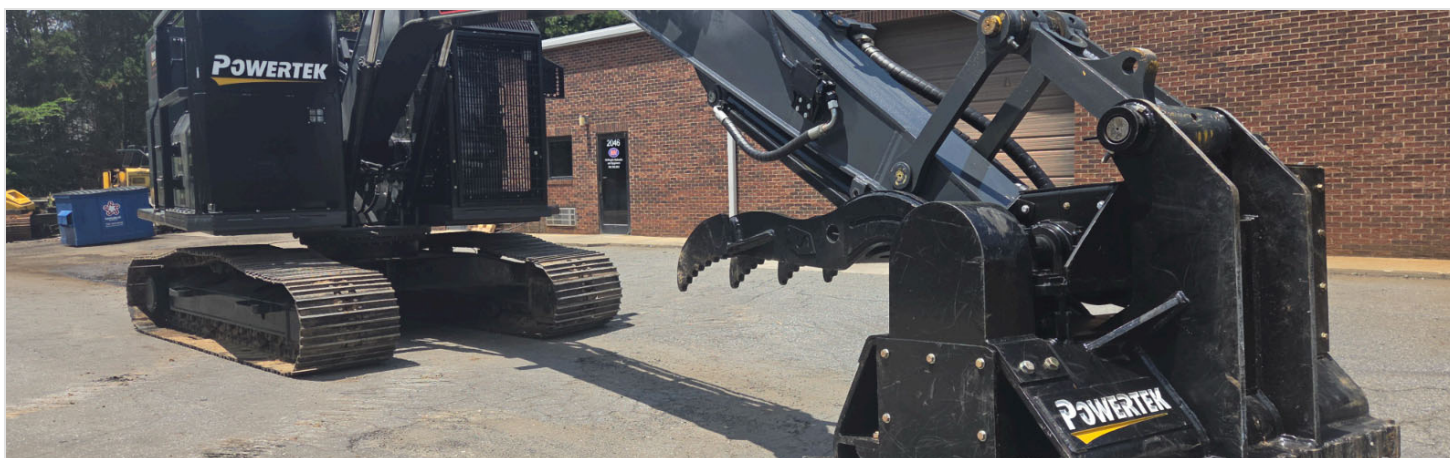
A standard excavator is built to dig. Add a high-demand tool and the machine has to deliver enough flow, pressure, cooling and structural strength to run that tool – while still running the excavator at full performance. That is where standard platforms reach their limit. The XPE is designed around the tool from the start.

	STANDARD EXCAVATOR	CONVENTIONAL + AUXILIARY POWER	POWERTEK XPE
Built for	Digging first	Adapted to support higher tool horsepower	Production – engineered around the tool
Power	One carrier-sized engine	Additional power system increases service points	One high-HP engine drives carrier + tool
Systems to service	One fuel + one hydraulic	Separate fuel and hydraulic for the power unit	One fuel tank, one hydraulic tank
Tool HP with full carrier control	Limited	Adds capability, but also adds system complexity	Full attachment HP and full control, at once
Cooling for sustained high-HP	Not sized for it	Added as a separate system	Engineered in, demand-driven, self-cleaning
Guarding + cab for forestry / demo	Standard duty	Standard duty	Heavy-duty, battle-ready, integrated roll cage

ONE ENGINE. ONE SYSTEM. LESS COMPLEXITY.

The XPE uses a high-horsepower single-engine design to power both the excavator and the work tool – engineered up to 800 HP to deliver the power the tool demands.

- **One engine, one fuel tank, one hydraulic reservoir** – fewer duplicated systems and less weight to carry.
- **Integrated horsepower** – engine, hydraulics, cooling and tool performance matched as one system.
- **Less duplicated maintenance** – fewer service points than a two-engine setup.



Single-engine integrated platform – full reach, full guarding, one power system

BATTLE-READY BUILD QUALITY

Severe-duty work demands more than standard excavator guarding. The XPE is built heavy-duty throughout – frame, doors, cab and guarding sized for forestry, demolition and production work.



Powertek CH-150 high-HP mulching cutterhead with optional thumb



New heavy-duty XPE cab – roll cage + polycarbonate windows

- **Heavy-duty frame and engine doors** – built for durability and long life in harsh conditions.
- **Forestry / demolition guarding** – protection where the machine needs it most.
- **Heavy-duty right-front guard** – helps shield the machine from flying debris and impact.
- **Integrated roll cage** – protects the operator and cab in high-risk environments.
- **New heavy-duty XPE cab** – roll-cage structure with heavy-gauge walls and roof for enhanced falling-object and rollover protection, plus bolt-in ½" polycarbonate windows that protect better and replace faster in the field.

MAXIMUM COOLING FOR MAXIMUM PRODUCTION

High-horsepower attachments make heat. The XPE cooling package manages that heat without wasting horsepower.



Guarded, self-cleaning cooling package



Heavy-duty precleaner ahead of the air filter

- **Hydrostatic radiator fan + dedicated hydraulic cooler** – serious cooling capacity for demanding tool circuits.
- **Demand-driven speed** – both run only as fast as needed, saving horsepower when full speed is not required.
- **Self-reversing fans** – clear debris from the cooling package and reduce plugging in dusty, dirty environments.
- **Heavy-duty intake precleaner** – cleaner air to the engine, longer filter life, less downtime.

SERVICE ACCESS BUILT IN

SERVICE LADDER

Standard ladder in the engine bay for easy inspection and maintenance.

REAR-MOUNTED FILTERS

Service filters in the back engine bay for fast, accessible service.

SINGLE-ENGINE LAYOUT

Fewer duplicated service points and cleaner daily inspections.

POWERTEK CONNECT – STANDARD



Every Powertek XPE comes with **Powertek Connect**, giving owners, operators, and Powertek's support team remote visibility into machine health, location, hours, fuel usage, hydraulic conditions, tool-circuit pressure, maintenance needs, alerts, and fault information.

It connects the machine in the field with Powertek's support team in Concord, NC – helping customers troubleshoot faster, plan maintenance better, and reduce avoidable downtime.

Know the machine. Support it faster. Keep it producing.

LIVE MACHINE DATA

Engine RPM · hydraulic pressure · fuel usage · coolant temperature · alerts · fault information

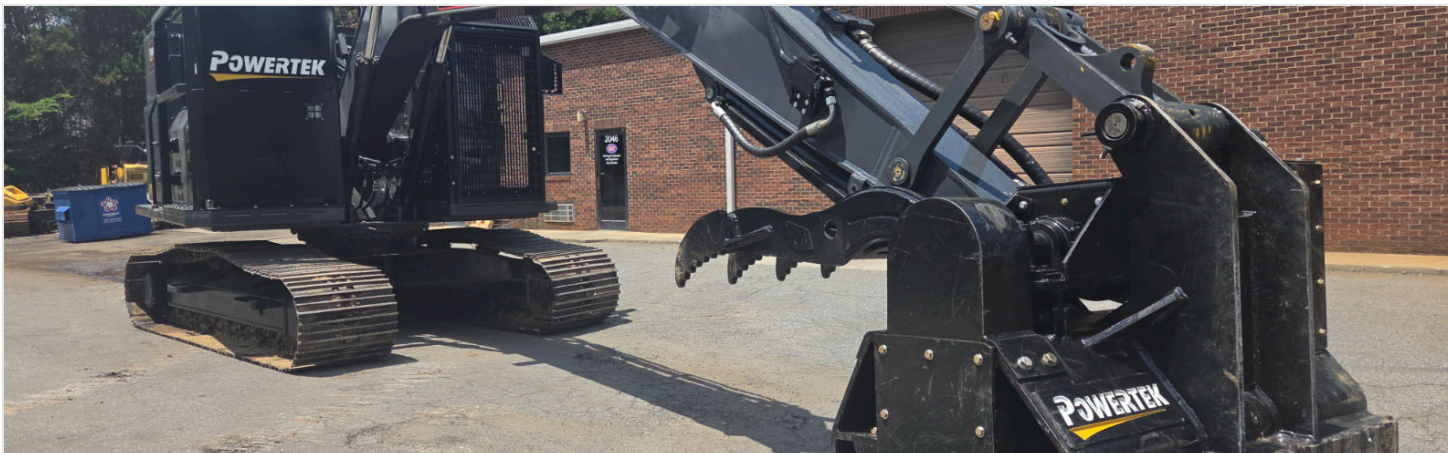
DIFFERENT FROM "JUST TELEMATICS"

STANDARD TELEMATICS	POWERTEK CONNECT
Dashboards for the customer	Dashboards for you – plus Powertek support connected to the machine
Reactive – alerts after something fails	Early-warning support – data can flag problems before they become failures
You troubleshoot on your own	Powertek can flag emerging issues and reach out to support you
Parts ordered after a breakdown	Parts can be pre-positioned when data points to an emerging issue
OEM hands over the machine and disappears	Powertek stays connected to support the unit after delivery



The Powertek Connect dashboard

THE POWERTEK XPE ADVANTAGE



The Powertek XPE – one integrated, production-class platform

Built for contractors who make money when the attachment is working and the machine is moving – forestry mulching, land clearing, right-of-way and utility-corridor work, demolition, mining support, site prep and high-horsepower specialty attachments.

PRODUCTION-CLASS SINGLE ENGINE	High horsepower in one integrated platform – carrier and tool driven together.
PURPOSE-BUILT AROUND THE TOOL	Runs demanding attachments while keeping full excavator performance.
LESS COMPLEXITY	One engine, one fuel system, one hydraulic reservoir. Fewer things to service.
HEAVY-DUTY BUILD	Frame, doors, cab, guarding and service areas built for severe-duty work.
BATTLE-READY PROTECTION	Forestry / demolition guarding and right-front machine guard; roll cage and HD cab protect the operator.
ADVANCED COOLING	Hydrostatic fan and dedicated hydraulic cooler – demand-driven and self-reversing.
BUILT-IN SERVICEABILITY	Service ladder, rear-mounted filters, clean single-engine layout.
POWERTEK CONNECT STANDARD	Remote monitoring plus Powertek support in NC connected to every active unit.

Final horsepower, hydraulic flow, guarding, and tool package are configured by application.

**BUILT AROUND THE TOOL.
READY TO PRODUCE.**

POWERTEK

Talk to Powertek about building the right XPE package for your operation. ·
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