


**POWERTEK POWER PACKS**
**BUILT FOR THE JOB YOUR STANDARD EXCAVATOR CAN'T FINISH.**

A self-contained diesel hydraulic power pack that **installs on your excavator** and feeds a high-HP attachment the flow, pressure, and cooling it actually needs — without cooking the carrier.

**THE PROBLEM YOU ALREADY KNOW**

Run a big mulching head on a stock excavator and it's the same story every time: the attachment runs below rated power, the hydraulics overheat and derate, and the operator has to throttle back to keep the machine alive. **You're paying for HP you can't use.**

**THE POWERTEK ANSWER — TWO POWER PACKS, INSTALLED ON YOUR MACHINE**
**HT-450**
**CAT C9.3B · TIER 4**

|                 |                               |
|-----------------|-------------------------------|
| Engine          | <b>456 HP @ 2,000 RPM</b>     |
| Hydraulics      | <b>150 GPM @ 5,100 PSI</b>    |
| Fuel / Hyd tank | <b>200 gal / 80 gal</b>       |
| Onboard air     | <b>Engine-driven, 120 PSI</b> |

**PRICING**
**Quoted on your machine**
**HT-575**
**CAT C13B · TIER 4**

|                 |                               |
|-----------------|-------------------------------|
| Engine          | <b>577 HP @ 2,000 RPM</b>     |
| Hydraulics      | <b>200 GPM @ 5,100 PSI</b>    |
| Fuel / Hyd tank | <b>200 gal / 80 gal</b>       |
| Onboard air     | <b>Engine-driven, 120 PSI</b> |

**PRICING**
**Quoted on your machine**
**EVERY INSTALL INCLUDES — CAT POWER · BUILT-IN COOLING**

- **Forestry Guard Package** — roll cage, right-front guard, catwalk bumpers, light guards, bucket-cylinder guard
- **In-cab control panel**
- **Engine-driven air compressor**
- **Hydraulic lines plumbed to end of stick** — mounted on your excavator, ready to work
- **2-year warranty**
- **Powertek Connect** — live monitoring, standard


**STANDARD ON EVERY BUILD**

If it's not producing, you'll know why — immediately. Live engine & hydraulic performance, tool pressure and workload tracking, fuel use per job or day, maintenance alerts before failure, remote diagnostics, and software support/updates where available — streaming to your phone and to our support team in NC. **We see problems coming and can often call you before you'd call us.**

**"We don't guess. We log in and see it."**



**ADD THE MATCHED CH-150 CUTTERHEAD — PAGE 2 →**

THE WAY MOST UNITS GO OUT THE DOOR

## ADD THE MATCHED CH-150 CUTTERHEAD.



The matched package — Powertek power and Powertek head, engineered together.

### CH-150 EXTREME TORQUE CUTTERHEAD

MATCHED TO YOUR PACK'S FLOW

|           |                          |
|-----------|--------------------------|
| Drive     | 355 drive motor          |
| Drum      | 42" wide, 18 teeth       |
| Max input | 610 HP                   |
| Max flow  | 205 GPM @ 5,100 PSI      |
| Carrier   | 15-ton or larger         |
| PRICING   | Quoted with your package |

### WHY A MATCHED HEAD MATTERS

A cutterhead only produces what its hydraulic supply can sustain. Powertek sells the head and the power as **one engineered package** — drive motor, pump, cooling, and drum sized together. That's the difference between a head that's rated for 600 HP and a head that actually **receives it, all day.**

The drive motor is the matching: a 420cc variable-motor variant is available, and we size the motor to the flow and HP your pack delivers — so the drum holds rated tooth speed in the cut instead of bogging.

The CH-150 is the head we bundle with the HT-450 and HT-575 — sized to take everything the package can feed it.

### POWER = PRODUCTION. SAME PRESSURE AS EVERYONE — MULTIPLES OF THE FLOW.

$$\text{HYDRAULIC HP} = \text{FLOW (GPM)} \times \text{PRESSURE (PSI)} \div 1714$$

- **Pressure is a constant across the market** — every machine works these heads at about 5,100 PSI, so pressure can't make one setup out-produce another.
- **That leaves flow as the only lever** — and flow-at-pressure is where Powertek is unmatched. More flow holds tooth speed in the cut: more work per hour.
- **Several times the production of a 90–200 HP excavator-powered head** — field applications have shown up to 4x. Already running a power pack? Stepping the same head from 150 to 200 GPM proved out at 25–30% more. Actual production varies by material, head, operator, and terrain.

### THE MATCHED PACKAGE — INSTALLED ON YOUR EXCAVATOR

HT-450 + CH-150

150 GPM package

HT-575 + CH-150

200 GPM package

Optional **AFEX dual-agent fire suppression** available. Contact Powertek for current pricing and lead times.

**Why Powertek:** designed by Ron McMurphy — 25+ years installing every major mulching head, crusher, and drill in the field, and the manufacturing source for the Shinn Systems power pack and cutterhead from 2013–2020. We build it, we install it, and we stand behind it. Already running a Shinn unit? We're the only OEM-grade source to repair or remanufacture it.

## GET A QUOTE ON YOUR MACHINE.

704-788-9054 · sales@powertekusa.com · www.powertekusa.com

Tell us your excavator and your attachment — we'll spec the right pack and head.

**POWERTEK**