SAVES YOU CASH. AND LOTS OF IT.

Reducing operating costs on a single engine is good. Saving on an entire fleet? Now that could mean big changes for your business. With closed-loop electronic fuel injection, the KOHLER Command PRO® EFI engine saves gas and reduces downtime—giving you the power to cut costs and cover more ground every day.

KOHLER COMMAND PRO EFI

COST-SAVING DESIGN
• Less downtime for refueling*
• No carburetor—no carburetor maintenance or replacement costs

MORE RELIABLE
• No choking and no priming
• Three year unlimited-hour commercial warranty

EXCLUSIVE CLOSED-LOOP TECHNOLOGY
• Only closed-loop EFI engine in its class, more fuel-efficient than open-loop systems†
• ECU and O₂ sensor automatically optimize fuel mixture based on load, weather and altitude
• Closing the loop between air/fuel intake and exhaust output provides more power and fuel savings.

EASY START
• Starts like your car—just turn the key and go
• No-choke starting whether it’s hot or cold or after extended storage
• High-energy electronic ignition for quick and reliable starts

REAL-TIME TROUBLESHOOTING
• EFI diagnostic software provides instant data on engine performance
• Works where you are—in the field, in the shop, anywhere

*Compared to a comparable KOHLER carbureted engine under comparable loads and duty cycles. Based on 600 hours of annual operation.
†Engine class being twin-cylinder, general-purpose gasoline engines.
KOHLER® COMMAND PRO® EFI
19-26.5 HP Vertical-Shaft Engines

HEAVY-DUTY AIR CLEANER

Top view

PTO view

Starter side view

Oil filter side view

MAXIMUM POWER

MAXIMUM TORQUE
LOW-PROFILE AIR CLEANER

Top view

PTO view

Starter side view

Oil filter side view
FEATURES AND OPTIONS

ECV630  ECH650  ECV730

**Model**
- ECH/ECV630
- ECH/ECV650
- ECH/ECV730
- ECH/ECV740
- ECH/ECV749

### Power @ 3600 rpm
- Max. hp (kW)
  - ECV630: 19 (14.2)
  - ECV650: 21 (15.7)
  - ECV730: 23 (17.2)
  - ECV740: 25 (18.6)
  - ECV749: 26.5 (19.8)

### Displacement
- cu in (cc)
  - ECV630: 42 (694)
  - ECV650: 45 (747)

### Bore
- in (mm)
  - ECV630: 3.2 (80)
  - ECV650: 3.3 (83)

### Stroke
- in (mm)
  - ECV630: 2.7 (69)

### Peak Torque @ Maximum rpm
- ch ft lb (Nm)
  - ECV630: 34.2 (46.4) @ 2200
  - ECV650: 34.5 (46.8) @ 2200
  - ECV730: 36.4 (49.4) @ 2200
  - ECV740: 39.1 (53.0) @ 2600
  - ECV749: 40.9 (55.5) @ 3000

### Compression Ratio
- 8.7:1

### Dry Weight
- lb (kg)
  - ECV630: 108 (49)
  - ECV650: 108 (49)

### Oil Capacity
- U.S. qt (L)
  - ECV630: 2 (1.9)

### Dimensions
- L x W x H
  - a = CH flat air cleaner
    - 14.6 (371) x 18.2 (462) x 18.7 (475)
  - b = CV flat air cleaner
    - 17.9 (455) x 18.3 (466) x 14.5 (368)
  - heavy-duty air cleaner
    - 21.3 (541) x 18.5 (470) x 17.6 (447)

### Notes:
- Horsepower ratings meet Society of Automotive Engineers Small Engine Test Code J1940. Actual engine horsepower is lower and affected by, but not limited to, accessories (air cleaner, exhaust, charging, cooling, fuel pump, etc.), application, engine speed and ambient operating conditions (temperature, humidity and altitude).
- For more information, contact Kohler Co. Engine Engineering. Kohler reserves the right to change product specifications, designs and equipment without notice and without incurring obligation.

### Standard Features
- Closed-loop electronic fuel injection
- 20-amp charging, regulated
- Yellow oil cap and dipstick
- Large filters (air, oil, fuel)
- Hardened crank journals
- Dual-element air cleaner
- PTO side-load sleeve bearing
- Hydraulic valve lifters
- Electronic ignition
- Solenoid fuel shutdown
- 12-volt solenoid shift electric start
- Full-pressure lubrication/full-flow filter
- Three year limited warranty

### Popular Factory Options
- Remote oil filter
- Engine-mounted controls (CH models)
- Choice of air cleaners (flat, HD, WAWB)
- Flywheel PTOs
- Variety of mufflers
- Five % governor
- Guard for rotating grass screen
- Oil cooler
- Exhaust deflector
- SAE A/B pump mounts
- Chopper-type grass screen
- Spark arrestor
- Additional crank sizes

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1 = grass screen to PTO mounting face W = spark plug to spark plug H = top of air cleaner cover to mounting feet
1.5 = blower housing to air cleaner cover W = spark plug to spark plug H = top of air cleaner cover to mounting surface

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12 / Features and Options
THE FIRST NAME IN EFI
20 Years and Counting