In 1859, an agricultural implement company, housed in a blacksmith shop, was started in West Bend, Wisconsin. From these humble beginnings, the Gehl brand has become a major force in the compact equipment industry worldwide.

The Gehl mission is to distribute high-quality compact equipment through a dedicated distribution network, thereby delivering increased value to our dealers and customers around the globe.

Gehl Compact Excavators excel in applications such as grading and excavating, trenching, digging, demolition and recycling and light utility construction. Their compact nature and zero-tail-swing design make them ideal in situations where space is limited.

The Gehl Z45 GEN:2 compact excavator is designed to meet the needs of contractors and agricultural customers. This exciting new model incorporates innovative features that will enhance productivity, operator comfort and efficiency on the jobsite. The Z45 GEN:2 compact excavator includes multiple upgrades from the previous Z45 model.
ALL-NEW!

- TIER IV CERTIFIED
  - 37.7 hp (28.1 kW) electronically controlled Yanmar diesel engine provides up to 20% less fuel consumption with ECO mode and auto deceleration and features an electronic throttle for precise control.

- DIGITAL OPERATOR INTERFACE
  - Features an hour meter, clock, automatic adjustable reminders, regeneration notifications, historical monitoring and fuel consumption.

- TRUE ZERO-TAIL-SWING
  - Large tail swing radius with cast side protectors and protection at the base of the upper structure.

- LARGER CAB
  - Features state-of-the-art controls, digital display and excellent visibility. Optional enclosed cab with heat and air conditioning further enhances operator comfort.

- ENHANCED SERVICE ACCESS
  - Swing open side access panel and removable covers to move the operator's feet. Optional enclosed cab with heat and air conditioning for precise control.

- PROPORTIONAL AUXILIARY HYDRAULICS
  - Standard on all models and give the operator the ability to adjust attachment speeds with infinitely adjustable flow control.

- HYDRAULIC POWER-A-TACH
  - Allows attachment changes with flip of a switch. Operator lever engages the seat only to engage and disengage the safety pin.

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FEATURES

operator’s cab

ALL-NEW FEATURES

4-WAY ADJUSTABLE SEAT
Fully adjustable seat with retractable belt for custom height, weight and backrest positions.

THROTTLE LOCATION
Previously a push/pull cable, the throttle is now a conveniently located electronic knob.

STAY CONNECTED
Canopy model now features an in-dash cell phone holder.

RADIO READY
Speakers are standard with the cab model. An additional bracket equips the machine with radio.

DOME LIGHT
Light can be controlled with on/off switch and also turns on automatically when door is opened.

2-SPEED BUTTON WITH DETENT
Upgrading from a pedal, both feet are now freed up during travel.

EMERGENCY CUT-OFF SWITCH
Located by the cab door, the kill switch is accessible from the ground in the event of an emergency.

ELEVATED TRAVEL PEDALS
Provide additional foot room while performing stationary work.

DIGITAL OPERATOR INTERFACE

- ENGINE REGENERATION
  Alerts and procedural information
- HOUR METER & CLOCK
- RECORDABLE MAINTENANCE HISTORY
  with adjustable time intervals and reminders
- MULTIPLE LANGUAGE SELECTIONS
- FLUID LEVELS
  Engine coolant, fuel level, fuel consumption
- USAGE MONITORING
  Records hours used for past 90 days and can be reviewed without starting the engine.

controls

- INFINITELY ADJUSTABLE ELECTRONIC THROTTLE DIAL
- TWO-POSITION, HIGH SPEED TRAVEL SWITCH
  conveniently integrated in the blade control lever.
- STANDARD ISO OR OPTIONAL BACKHOE
  control patterns easily selected with the turn of a mechanical lever.
- PILOT-OPERATED JOYSTICK CONTROLS
  are operated by simple wrist movements, reducing fatigue during a long workday.
- PROPORTIONAL AUXILIARY HYDRAULICS
  ROCKERS
  vastly enhances attachment performance, allowing the operator to adjust the flow for optimal attachment performance.
- ONE-WAY / TWO-WAY RETURN FLOW
  selection for optimal performance from attachments.
**SALES GUIDE**

**FEATURES**

**engine**

- **ALL-NEW!** YANMAR **TIER IV** 4TNV88C-PBV

- **37.7 hp** (28.1 kW) electronically-controlled engine

- **0°F (-18°C) COLD START**
  Easy starting, without the need for block heaters or starting fluid.

- **AFTER TREATMENT**
  meets all Tier IV requirements through proven technology. Refer to the Operator’s Manual for full details.

**hydraulics**

- **UP TO 3133 psi** (216 bar)
  High system pressure delivers more hydraulic muscle to power demanding attachments and deliver superior digging and breakout forces.

- **35.1 gpm** (132.8 L/min)

- **ALL-NEW!**}

- **ELECTRIC GLOW PLUG STARTING AID**
- **Yanmar, Naturally Aspirated Diesel Engine**
- **ECO Mode**
- **Auto Deceleration**

**FEATURES**

- **UP TO 3133 psi** (216 bar)
- **35.1 gpm** (132.8 L/min)

**ALL-NEW!**

- **PRECISION CONTROL**
  Standard proportional auxiliary hydraulic control gives the operator the ability to adjust attachment speeds with infinitely adjustable flow control.

**hydraulics**

- **2 VARIABLE PUMPS + 2 GEAR PUMPS**
  combine oil and redirect the flow to where it is needed, allowing for simultaneous operation without loss of power.

- **SMOOTH OPERATION**
  even while using the boom and arm during turning.

- **TWO-WAY & ONE-WAY AUXILIARY FLOW VALVE**
  allows for direct-to-tank bypass. Return flow selection is standard equipment.

**ALL-NEW!**

- **ECO MODE**
  saves fuel when full speed is not necessary. Activated by the flip of a switch, engine speed is reduced by 10% without sacrificing power.

**ALL-NEW!**

- **AUTO DECELERATION**
  improves fuel economy and lowers noise and emissions levels by reducing the engine speed to idle after four seconds without hydraulic movement.

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**Z45 GEN:2**

**ENGINE**

<table>
<thead>
<tr>
<th>Feature</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Electric Glow Plug Starting Aid</td>
<td>![ ]</td>
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**STANDARD** □  **OPTIONAL** ●

---

**HYDRAULIC THUMB ATTACHMENT**

is a factory installed option that adds versatility to the machine.

**HYDRAULIC SYSTEM**

<table>
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<tr>
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<td>![ ]</td>
</tr>
<tr>
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<td>![ ]</td>
</tr>
<tr>
<td>Hydraulic Pumps</td>
<td>![ ]</td>
</tr>
<tr>
<td>ISO / SAE Pattern Control Valve</td>
<td>![ ]</td>
</tr>
<tr>
<td>Proportional Auxiliary Hydraulic Joystick Control</td>
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</tr>
<tr>
<td>Two-way Auxiliary Hydraulics with Quick Couplers and Direct-to-Tank Bypass Valve</td>
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**STANDARD** □  **OPTIONAL** ●
SALES GUIDE

ALL-NEW FEATURES

- **CORROSION RESISTANCE**
  Bucket, arm, boom pins and auxiliary shut-off blocks are now plated, instead of painted, to maintain durability.

- **NEW EXHAUST LOCATION**
  Now in a lower position, the exhaust is quieter.

- **90% INCREASE IN RADIATOR VOLUME**
  for lower overhead clearance access and easier transportation.

- **110% INCREASE IN HYDRAULIC COOLER VOLUME**

- **OVERALL HEIGHT REDUCED BY 3%**
  Tool-free access panels provide space for operator necessities and tools.

- **ALL-NEW!**
  Tool-free access panels
  Quick and easy access to the battery, engine compartment, control valve, cooler & control pattern valve.

- **TOOL-FREE ACCESS PANELS**
  Lockable toolbox on the left-rear panel provides space for operator necessities and tools.

- **INTEGRATED BOOM LIGHT**
  Illuminates the work area and allows for safe and effective operation after dark.

- **BOOM IS 13% LIGHTER**
  A box type welded boom, upgraded from an outside plate welded boom, is lighter while providing equal strength.

- **HEAVY-DUTY SLIDING CYLINDER GUARDS**
  Protect exposed cylinder rods from damage.

- **SINGLE-PIN BOOM MOUNT DESIGN**
  For optimal durability and component life.

- **INTEGRATED BOOM LIGHT**

UNDERCARRIAGE

- **Rubber Tracks**
  Selectable 2-Speed Transmission
  Track Rollers

UPPER STRUCTURE

- **Auto Idle**
  360 Continuous Movement
  Motion Alarm
  Zero-Tail-Swing

FEATURES

- **STANDARD TRACK DRIVE SYSTEM**
  The standard track drive system provides long life and allows for easy aftermarket track replacement.

- **EASY MAINTENANCE TRACKING**
  A digital display with historical monitoring and automatic, adjustable reminders and intervals provides easier tracking for maintenance procedures.

- **STAGGERED TREAD AND MANDREL DESIGN**
  Combined with a shorter track pitch reduces vibration.

- **LONG TRACKS**
  Provide a smoother ride over rough terrain.

- **SHORT-PITCHED TRACKS**
  To reduce wear, fatigue and damage.

- **ANGLED CRAWLER FRAME**
  Reduces soil build-up on the undercarriage, extending the life of the rollers and tracks.

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SALES GUIDE

ATTACHMENTS

POWER-A-TACH®
Hydraulic Power-A-Tach® quick coupler is standard equipment. Its versatile design works with a wide range of excavator attachments, putting the tools you already own to use. (Not available on the Z17)

1. CHAIN AUGER
2. PLANETARY AUGER
3. BREAKER
4. RIPPER

1. BUCKET SLAB
2. CEMETARY BUCKET
3. COMPACTION PLATE
4. TILT BUCKET

1. COMPACTION WHEEL
2. DIRT BUCKET
3. DITCHING BUCKET
4. GRAPPLER

• FACTORY-INSTALLED HYDRAULIC THUMB OPTION

HYDRAULIC ACTIVATION is controlled by a switch in the operator's station. The operator only needs to leave the seat to remove and replace the safety pin.

With a wide variety of EDGE® attachments available, Gehl Compact Excavators are easily transformed to meet your customers' needs.

Scan this code to learn more about EDGE® Compact Excavator attachments.

ceatures.com