

ENGINE

| | |
|----------------------|----------------------------|
| Make | YANMAR |
| Model | 3TNV88-NNS, EPA Tier II |
| Type | 3-cyl. water-cooled diesel |
| Displacement (cc) | 100 cid (1600) |
| Net Power (kW) @ rpm | 29.2 hp (21.5) @ 2500 rpm |
| Battery (Ah) | 12-V (71) |
| Fuel Tank (L) | 10.8 gal (40.9) |

HYDRAULIC SYSTEM

| | |
|-----------------------------|---------------------------------------|
| Pumps | two variable capacity + one gear pump |
| Flow Rate (L/min) | 2@ 19.6 gpm (36.5) + 6.9 gpm (26.3) |
| Working Pressure (bar) | 3263 psi (225) all pumps |
| Swing System Pressure (bar) | 2900 psi (200) |
| Oil Cooler | standard |
| Hydraulic Tank (L) | 7.1 gal (27) |

UNDERCARRIAGE AND SLEWING SYSTEM

| | |
|---|------------------------------|
| Travel Speed - dual (km/h) | 1.5 mph (2.4), 2.9 mph (4.6) |
| Gradability | 30° = 58% |
| Rubber Track Width (mm) | (A) 12" (305) |
| No. of Track Rollers | 4 on each side |
| Tracks Tension | hydraulic |
| Sprocket Center | (C) 4'8.75" (1441) |
| Ground Clearance (mm) | 10.75" (273) |
| Ground Pressure - average (kg/cm ²) | 4.6 psi (0.32) |
| Slew Speed | 10 rpm |

GENERAL SPECIFICATIONS

| | | |
|-----------------------------------|---------|--|
| Operating Weight (kg) | | |
| w/cab | | 6875 lbs (3119) |
| w/canopy | | 6700 lbs (3039) |
| Dimensions (mm) | | |
| Height / Width / Length | (D/E/F) | 7'10.5" (2400) / 4'10" (1473) / 10'4" (3150) |
| Max. Digging Depth (mm) | (G) | 9'1" (2769) |
| w/long arm - optional | (G*) | 9'11" (3025) |
| Max. Digging Height (mm) | (H/H*) | 14'8" (4470) |
| w/long arm | (H*) | 15'3" (4630) |
| Max. Vertical Wall Dig Depth (mm) | (I) | 6'6.5" (1994) |
| w/long arm | (I*) | 7'3" (2225) |
| Max. Dump Height (mm) | (J) | 10'4" (3150) |
| w/long arm | (J*) | 10'11" (3320) |
| Max. Digging Radius (mm) | (K) | 15'9" (4801) |
| w/long arm | (K*) | 16'7" (5055) |
| Bucket Dig Force (kN) | | 5952 lbf (26.5) |
| Min. Tail Swing Radius (mm) | (L) | 4'2" (1270) |
| Min. Front Swing Radius (mm) | (M) | 4'6" (1372) |
| Swing Angle - left/right | (N/O) | 80°/45° |

DOZER BLADE

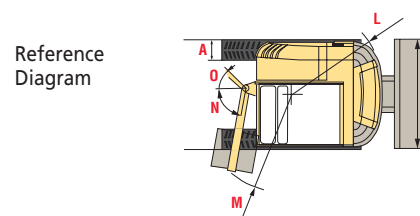
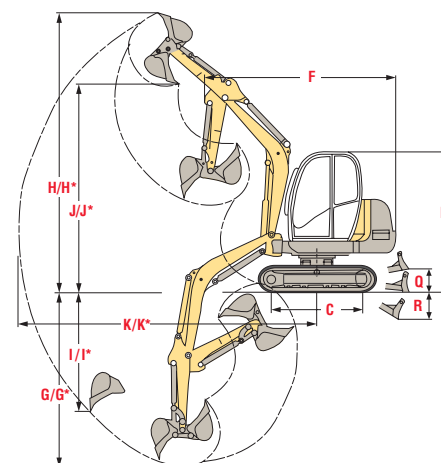
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|----------------------|-------|---------------------------|
| Dimensions (mm) | | |
| Width | | 58.3" (1481) |
| Height | | 14.6" (371) |
| Max. Lift (mm) | | |
| Above / Below Ground | (Q/R) | 15.8" (401) / 17.7" (450) |

BUCKET - STANDARD

| | |
|--------------|-----------------|
| Width (mm) | 20" (508) |
| Capacity (L) | 3.1 cu.ft. (88) |

SOUND LEVELS

| | |
|------------------------|---------------------|
| Power / Pressure Level | 94 dB(A) / 78 dB(A) |
|------------------------|---------------------|



Reference Diagram

Gehl offers a full line of compact excavator models with operating weights ranging from 3560 to 25,397 lbs. New models with zero tail swing and short tail swing maneuverability offer some of the largest operator cabs in the industry. All models feature a unique combination of digging power, maneuverability, stability, visibility and operator comfort. The result—performance and profitability for you!

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* Denotes optional long dipper arm specifications. Lifting power is hydraulically limited.

303

STANDARD EQUIPMENT

- Enclosed ROPS Cab or Canopy
- Advanced Hydraulic System
- Hydraulic Oil Cooler
- Pilot-operated Joystick Control
- Double Variable Displacement Pump
- Parking Brake Turn Motor
- Boom-mounted Work Light
- Suspension Seat
- Rubber Tracks
- SAE/ISO Control Pattern Selection
- Dual Travel Speeds
- Hydraulically Dampened Drive Pedals
- Auxiliary Hydraulic with Flat-faced Couplers
- Dozer Blade
- Independent Boom Swing



















OPTIONAL EQUIPMENT

- Long Dipper Arm
- Steel Tracks



No need to sacrifice precision handling and maneuverability to get the power of a bigger machine. Gehl Compact Excavator Model 303 gives you more power, while offering the same hydraulically dampened drive levers and pedals found in larger units, for complete operator control.

LIFTING CAPACITIES

| | |  | |  | |  | |  | |  | |  | |
|----------------|---|---|---|---|--|---|---|---|---|---|---|---|---|
| | | Maximum | | Maximum | | Maximum | | Maximum | | Maximum | | Maximum | |
| | | 11'6" (3.5 m) | | 9'10" (3.0 m) | | 8'2" (2.5 m) | | 6'7" (2.0 m) | | | | | |
| | | Pounds (kg) | | Pounds (kg) | | Pounds (kg) | | Pounds (kg) | | Pounds (kg) | | Pounds (kg) | |
| A | B |  |  |  |  |  |  |  |  |  |  |  |  |
| 9'2" (3.0 m) | | 1676 (760) * | 860 (390) | | | 1598 (725) * | 937 (425) | 1543 (700) * | 1279 (580) | | | | |
| 6'7" (2.0 m) | | 1676 (760) * | 650 (295) | 1698 (770) * | 794 (360) | 1819 (825) * | 948 (430) | 2094 (950) * | 1279 (580) | | | | |
| 3'3" (1.0 m) | | 1742 (790) * | 573 (260) | 1984 (900) * | 772 (350) | 2326 (1055) * | 948 (430) | 2932 (1330) * | 1279 (580) | 4387 (1990) * | 1786 (810) | | |
| 0 (0 m) | | 1819 (825) * | 595 (270) | 2205 (1000) * | 717 (325) | 2701 (1225) * | 959 (435) | 3560 (1615) * | 1268 (575) | 5071 (2300) * | 1631 (740) | | |
| -3'3" (-1.0 m) | | 1896 (860) * | 705 (320) | | | 2524 (1145) * | 1014 (460) | 3318 (1505) * | 1268 (575) | 4354 (1975) * | 1620 (735) | | |
| -6'7" (-2.0 m) | | 1819 (825) * | 1301 (590) | | | | | | | 2370 (1075) * | 1709 (775) | | |

A - Overhang from the center of the turntable
B - Height of load fixing point

* - The lifting capacity is hydraulically limited



- Dozer blade support in drive direction

- Dozer blade support 90° to drive direction

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SAFETY IS NO ACCIDENT.

Gehl Company reminds users to read and understand the operator's manual before operating any piece of equipment. Additionally, be sure all safety devices and shields are securely in place and functioning properly.

Gehl Company reserves the right to make changes in design or specifications at any time without notice or obligation.