

283Z

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ENGINE

Make	Yanmar
Model	3TNV76
Type	3-cylinder, water-cooled diesel
Displacement (cc)	68 cid (1114)
Net Power (kW)	20.4 hp (15.2)
Fuel Tank (L)	9.5 gal. (36)

HYDRAULIC SYSTEM

Pumps	two variable-capacity, two gear
Flow Rate - gpm (L/min)	2@8.1 (31) + 5.6 (21.2) + 2 (7.6)
Working Pressure (bar)	3263 psi (225)
Swing System Pressure (bar)	2988 psi (206)
Hydraulic Tank (L)	7.0 gal. (26.5)

UNDERCARRIAGE AND SLEWING SYSTEM

Travel Speed - dual (km/hr)	2.4 mph (3.9)
Gradability	30° = 58%
Rubber Track Width (mm)	(M) 11.8" (300)
No. of Track Rollers (bottom/top)	3 / 1
Sprocket Center	(P) 104" (2642)
Ground Clearance (mm)	10.9" (277)
Ground Pressure - average (kPa)	3.8 psi (26.2)
Slew Speed	10.25 rpm
Maximum Drawbar Pull (kN)	5,732 lbf (25.5)

GENERAL SPECIFICATIONS

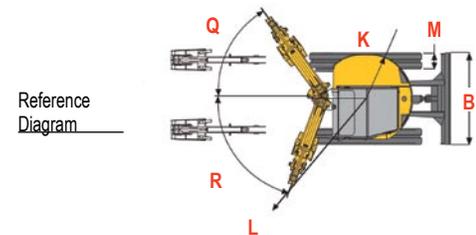
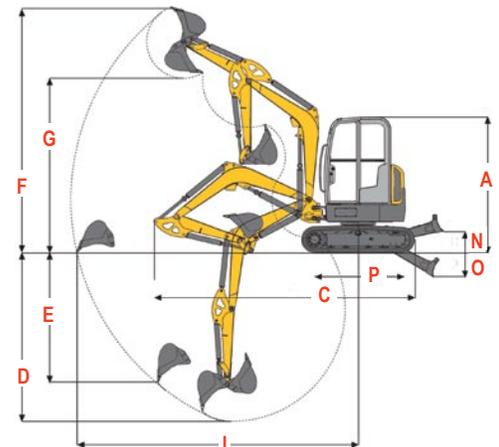
Operating Weight (kg)	
cab (kg)	5,886 lbs. (2670)
canopy (kg)	5,681 lbs. (2577)
Height (mm)	(A) 7'11" (2413)
Width (mm)	(B) 5'2" (1575)
Transport Length (mm)	(C) 13'11.5" (4254.5)
Maximum Digging Depth (mm)	(D) 9'0" (2743)
Maximum Digging Height (mm)	(G) 14'1" (4299)
Maximum Vert. Wall Dig Depth (mm)	(E) 7'1" (2152)
Maximum Dump Height (mm)	(F) 9'8.9" (2972)
Maximum Digging Radius (mm)	(I) 15'4" (4681)
Bucket Dig Force (kN)	5,057 lbf (22.5)
Arm Force (kN)	4,923 lbf (21.8)
Minimum Tail Swing Radius (mm)	(K) 30" (760)
Minimum Front Swing Radius (mm)	(L) 64" (1641)
Swing Angle - left/right	(R/Q) 75° / 50°

DOZER BLADE

Width / Height (mm)	5'2" / 11.4" (1570/290)
Max. Lift - above / below ground (mm)	(N/O) 15" / 16.5" (380/419)

SOUND LEVELS

Power / Pressure Level	93 dB(A) / 77 dB(A)
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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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STANDARD EQUIPMENT

- Enclosed ROPS Canopy
- Advanced Hydraulic System with Four Hydraulic Pumps
- Hydraulic Oil Cooler
- Servo-operated Joystick Controls with Arm Rests
- Double Variable Displacement Pump
- Boom-mounted Worklight
- Adjustable Seat
- Rubber Tracks
- SAE/ISO Central Pattern Selection
- Two-way Auxiliary Hydraulic with Flat-faced Couplers
- Dozer Blade

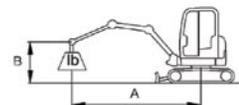


OPTIONAL EQUIPMENT

- ROPS/FOPS/TOPS Cab
- Counterweight
- Roof-mounted Worklights

The Gehl Model 283Z excels in small, cramped jobsites where other machines can't gain access. With its zero-tail-swing maneuverability, superior technology and unparalleled agility, the 283Z is a hero!

LIFTING CAPACITIES



		Maximum		11'6" (3.5 m)		9'9" (3.0 m)		8'2" (2.5 m)	
		Pounds (kg)		Pounds (kg)		Pounds (kg)		Pounds (kg)	
B	A								
	9'9" (3.0 m)		1014 (460)	893 (405)			937 (425)	937 (425)	
6'6" (2.0 m)		992 (450)	683 (310)	992 (450)	838 (380)	1036 (470)	1036 (470)		
3'3" (1.0 m)		1014 (460)	628 (285)	1157 (525)	805 (365)	1367 (620)	1003 (455)	1764 (800)	1301 (590)
0 (0 m)		1036 (470)	650 (295)	1279 (580)	772 (350)	1587 (720)	948 (430)	2105 (955)	1224 (555)
-3'3" (-1. m)		1058 (480)	783 (355)	1047 (475)	772 (350)	1433 (650)	948 (430)	1885 (855)	1224 (555)

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



- Dozer blade support in drive direction



- Dozer blade support 90° to drive direction

* - The lifting capacity is hydraulically limited

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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.