

BRENNER 981

BACKHOE LOADER



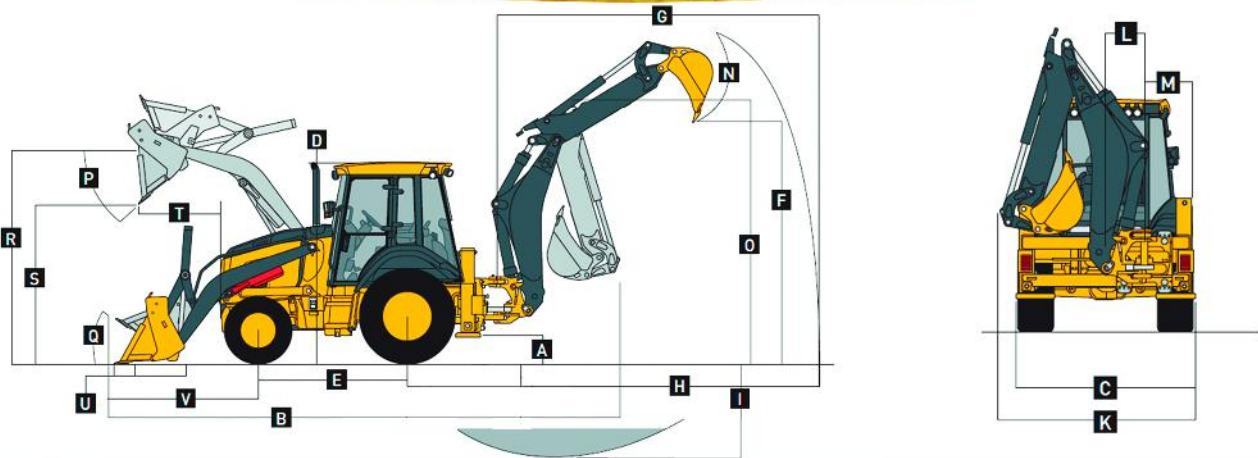
PRODUCT ADVANTAGE

- **High Productivity**
- **Best-in-class Reliability and Durability**
- **Excellent Fuel Economy**
- **Outstanding Operator Comfort**



BRENNER 981

MAIN SPECIFICATION



OVERALL DIMENSION

Length (with bucket on ground)	B	5910 mm
Width	C	2270 mm
Height (to the top of the cab)	D	3760 mm
Wheel Base	E	2250 mm
Min. Ground Clearance	A	300 mm

MAIN

TECHNICAL SPECIFICATION

Operating Weight	7640 kg
Max. Tractive Force	39 KN
Max. Gradeability	30°
Max. travel speed	22 km/h
Min. Turning Radius:	
outside of bucket	5018 mm
Max. Turning Angle	36°

LOADING SPECIFICATIONS

Rated Load	2500 kg
Rated Bucket Capacity	1.0 m ³
Max. Breakout Force	38 KN
Max. Dumping Height	S 2740 mm
Height to Bucket Hinge Pin	R 3400 mm
Dump Reach	T 1048 mm
Digging Depth (with bucket on the ground)	U 50 mm
Dump angle	P 45°
Boom Lifting Time	6.8 s
Total Cycle Time	10.5 s

DIGGING SPECIFICATIONS

Rated Bucket Capacity	0.3 m ³
Maximum Digging Depth	I 4080 mm
Swing Angle	190°
Maximum Digging Force	46.5 KN
Maximum Digging Distance	G 4503 mm
Maximum Unloading Height	F 3845 mm

OIL CAPACITY

Type of Fuel	Diesel fuel
Engine Oil	16 L
Gear Oil for T/C and G/B	30 L
Hydraulic Oil	140 L
Fuel Tank Capacity	80 L

ENGINE AND TRANSMISSION

Engine Model	YC4A105Z-T20
Engine Type	Diesel, watercooled, 4 stroke, 4 cyl. in line, direct injection, turbo charged
Rated output	75 / 105 kW / HP
Rated speed	2200 r/min
Max. Torque	310 Nm
Engine Capacity	4350 cm ³
Emission Standard	Type 2
Torque Converter Model	YJ280
Torque Converter Type	3-elements, single stage
Gear Box Model	Beilian 16
Gear Box Type	Full-powershift, countershaft type
Gear	2 Forward and 2 reverse gears
Shift Position	
System Working Pressure	12 Mpa

AXLE AND TYRE

Type of Main Reducer	Single stage spiral bevel gear
Type of Final Drive	Single stage planetary reducer
Tyre Size, Front	16/70-20
Tyre Size, Rear	16/70-20
Steering System	Middle articulated frame, full hydraulic power

BRAKE SYSTEM

Type of Traveling Brake	Air assisted oil disc type on four wheel brake
Type of Emergency Brake	
Parking Brake	Manual disk type

Extra kit	Rearview camera Cabin heater Windshield wiper and washer
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* the parameters are subject to change without notice

SERVICEABILITY

- System Pressure Test Ports are Standard
- Engine Hood Grill Opens for Easy Service Access
- Torque Converter is Isolated from Transmission Making it Easy to Service

CONTACTS

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