

BRENNER 983

BACKHOE LOADER



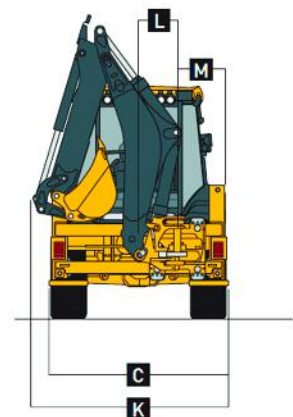
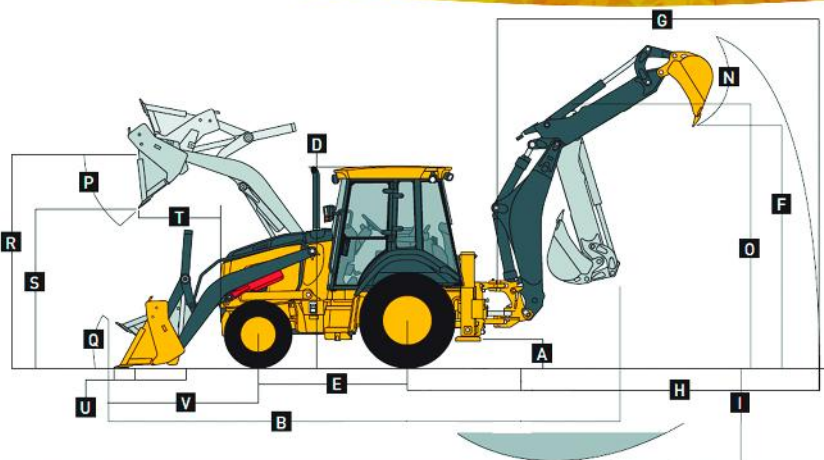
PRODUCT ADVANTAGE

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



BRENNER 983

MAIN SPECIFICATION



OVERALL DIMENSION

Length (with bucket on ground)	B	6150 mm
Width	C	2250 mm
Height (to the top of the cab)	D	3765 mm
Wheel Base	E	2200 mm
Min. Ground Clearance	A	300 mm

MAIN

TECHNICAL SPECIFICATION

Operating Weight	8200 kg
Max. Tractive Force	39 KN
Max. Gradeability	30°
Max. travel speed	22 km/h
Min. Turning Radius:	
outside of bucket	6581 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 3440 mm
Dump Reach	T 893 mm
Digging Depth (with bucket on the ground)	U 50 mm
Dump angle	P 45°
Boom Lifting Time	5.4 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 5468 mm
Maximum Unloading Height	F 3800 mm

OIL CAPACITY

Type of Fuel	Diesel fuel
Engine Oil	16 L
Gear Oil for T/C and G/B	30 L
Hydraulic Oil	110 L
Fuel Tank Capacity	110 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	14-17.5
Tyre Size, Rear	19.5L-24
Steering System	Steering wheel

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

Address: Chaoyang District, Wangjing West Road No.48, City One Plaza C-2501, Beijing, China

Phone: +86-10-64787904

Fax: +86-10-64787322

Site: www.brenner-machinery.com

E-mail: info@brenner-machinery.com