

BRENNER 977

WHEEL LOADER



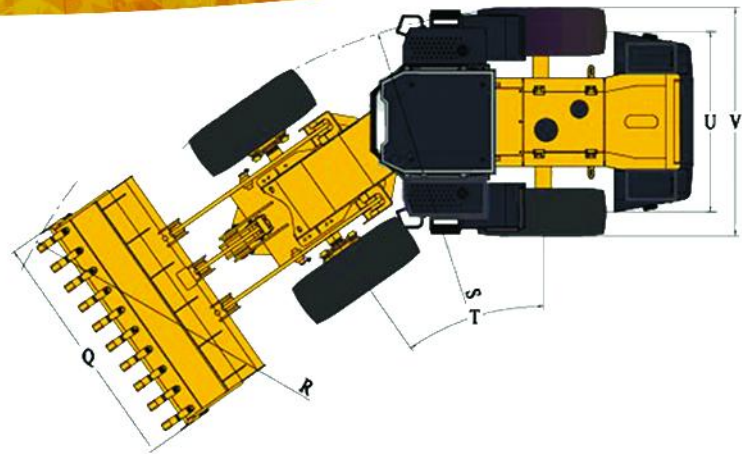
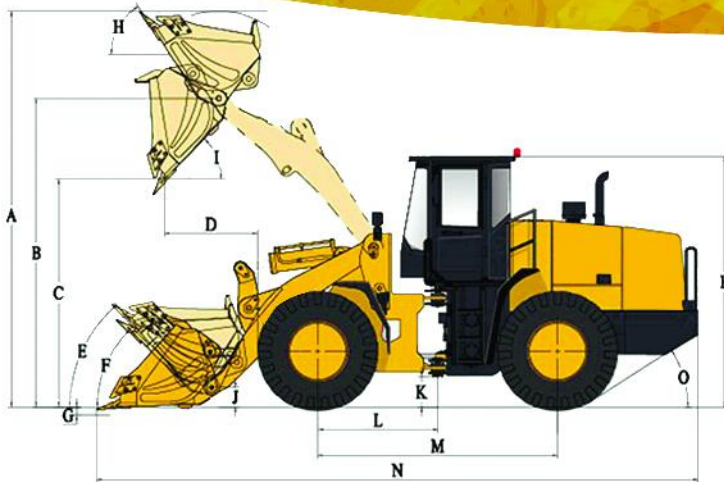
PRODUCT ADVANTAGE

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



BRENNER 977

MAIN SPECIFICATION



OVERALL DIMENSION

Length (with bucket on ground)	N	8350 mm
Bucket Width	Q	3200 mm
Height (to the top of the cab)	P	3480 mm
Wheel Base	M	3350 mm
Track	U	2250 mm
Min. Ground Clearance	K	450 mm

MAIN TECHNICAL SPECIFICATION

Rated Load		7000 kg
Operating Weight		20600 kg
Rated Bucket Capacity		3.8 m ³
Max. Tractive Force		158 KN
Max. Breakout Force		204 KN
Max. Dumping Height	C	3450 mm
Dump Reach	D	1255 mm
Dump angle	I	45°
Digging Depth (with bucket on the ground)	G	65 mm
Min. Turning Radius:		
outside of bucket	R	7100 mm
Max. Turning Angle	T	35°
Boom Lifting Time		6.15±-0.25 s
Total Cycle Time		10.65±-0.5 s
Max. travel speed		38 km/h
Max. Gradeability	O	30°

OIL CAPACITY

Type of Fuel	Diesel fuel
Engine Oil	19 L
Gear Oil for T/C and G/B	45 L
Hydraulic Oil	310 L
Fuel Tank Capacity	320 L

ENGINE AND TRANSMISSION

Engine Model	WD10G240E21
Engine Type	Diesel, watercooled, 4 stroke, 6 cyl. in line, direct injection, turbo charged
Rated output	175 / 240 kW / HP
Rated speed	2200 r/min
Max. Torque	843 Nm
Engine Capacity	9726 cm ³
Emission Standard	Type 2
Torque Converter Model	YJ375
Torque Converter Type	3-elements, single stage
Gear Box Model	Beilian ZL50G
Gear Box Type	Full-powershift, countershaft type
Gear Shift Position	4 Forward and 4 reverse gears
System Working Pressure	18 MPa

AXLE AND TYRE

Type of Main Reducer	Single stage spiral bevel gear
Type of Final Drive	Single stage planetary reducer
Tyre Size	26.5-25
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	Automatic cutting air brake
Parking Brake	Inner expand hoof

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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