## BRENNER 956

WHEEL LOADER

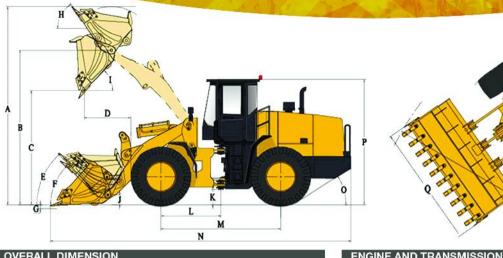


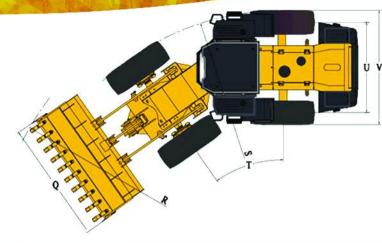
- High Productivity
- Best-in-class Reliability and Durability
- Excellent Fuel Economy
- Outstanding Operator Comfort



## BRENNER 956

MAIN SPECIFICATION





DVERALL DIMENSION  Length (with bucket on ground)  Width (to outside of wheels)  Bucket Width  Height (to the top of the cab)  Wheel Base  Masson mm  Wheel Base  Min. Ground Clearance  Main TECHNICAL SPECIFICATION  Rated Load  Operating Weight  Rated Bucket Capacity  Max. Tractive Force  Max. Breakout Force  Max. Dumping Height  Casta Summ  Dump Reach  Digging Depth (with bucket on the ground)  Min. Turning Radius:  outside of bucket  center of wheel track  Max. Travel speed  Max. Travel speed  Max. Travel speed  Max. Gradeability  OIL CAPACITY  Type of Fuel  Engine Oil  Gear Oil for T/C and G/B  Hydraulic Oil  Fuel Tank Capacity  32960 mm  Asson masses  4455 mm  45000 kg  5000 kg  5000 kg  6000 kg  60000 kg  600			
Width (to outside of wheels)  Bucket Width  Height (to the top of the cab)  Wheel Base  Track  Min. Ground Clearance  Min. Ground Clearance  Main TECHNICAL  SPECIFICATION  Rated Load  Operating Weight  Rated Bucket Capacity  Max. Tractive Force  Max. Breakout Force  Max. Dumping Height  Height to Bucket Hinge Pin  Dump Reach  Digging Depth (with bucket on the ground)  Min. Turning Radius:  outside of bucket  center of wheel track  South Max. Tractive Force  Max. Turning Angle  Boom Lifting Time  Total Cycle Time  Puge Age  Max. Gradeability  Oli CAPACITY  Type of Fuel  Engine Oil  Gear Oil for T/C and G/B  Hydraulic Oil  Min. 3290 mm  1 2250 mm  16500 kg  167 KN  167 KN  168 4170 mm  169 4170 mm  170 mm  170 mm  172 mm  172 mm  173 kn  174 mm  175 mm  175 mm  175 mm  176 mm  176 mm  177 mm  177 mm  177 mm  178 mm  179 mm	OVERALL DIMENSION		
Bucket Width         Q         2960 mm           Height (to the top of the cab)         P         3465 mm           Wheel Base         M         3200 mm           Track         U         2250 mm           Min. Ground Clearance         K         450 mm           MAIN TECHNICAL         SPECIFICATION           Rated Load         5000 kg           Operating Weight         16500 kg           Rated Bucket Capacity         3.0 m³           Max. Tractive Force         167 KN           Max. Breakout Force         173 KN           Max. Dumping Height         C         3145 mm           Height to Bucket Hinge Pin         B         4170 mm           Dump Reach         D         1250 mm           Dump Angle         I         45°           Digging Depth (with bucket on the ground)         G         63 mm           Min. Turning Radius:         0         63 mm           outside of bucket         R         6742 mm           center of wheel track         S         5772 mm           Max. Turning Angle         T         38°           Boom Lifting Time         5,1 s           Total Cycle Time         9,3 s           Max. travel sp	Length (with bucket on ground)	N	8380 mm
Bucket Width         Q         2960 mm           Height (to the top of the cab)         P         3465 mm           Wheel Base         M         3200 mm           Track         U         2250 mm           Min. Ground Clearance         K         450 mm           MAIN TECHNICAL         SPECIFICATION           Rated Load         5000 kg           Operating Weight         16500 kg           Rated Bucket Capacity         3.0 m³           Max. Tractive Force         167 KN           Max. Breakout Force         173 KN           Max. Dumping Height         C         3145 mm           Height to Bucket Hinge Pin         B         4170 mm           Dump Reach         D         1250 mm           Dump Angle         I         45°           Digging Depth (with bucket on the ground)         G         63 mm           Min. Turning Radius:         0         63 mm           outside of bucket         R         6742 mm           center of wheel track         S         5772 mm           Max. Turning Angle         T         38°           Boom Lifting Time         5,1 s           Total Cycle Time         9,3 s           Max. travel sp	Width (to outside of wheels)	٧	2855 mm
Wheel Base         M         3200 mm           Track         U         2250 mm           Min. Ground Clearance         K         450 mm           MAIN TECHNICAL SPECIFICATION         SPECIFICATION           Rated Load         5000 kg           Operating Weight         16500 kg           Rated Bucket Capacity         3.0 m³           Max. Tractive Force         167 KN           Max. Breakout Force         173 KN           Max. Dumping Height         C         3145 mm           Height to Bucket Hinge Pin         B         4170 mm           Dump Reach         D         1250 mm           Dump Angle         I         45°           Digging Depth (with bucket on the ground)         G         63 mm           Min. Turning Radius:         0         63 mm           outside of bucket         R         6742 mm           center of wheel track         S         5772 mm           Max. Turning Angle         T         38°           Boom Lifting Time         5,1 s           Total Cycle Time         9,3 s           Max. travel speed         40 km/h           Max. Gradeability         O         30°           OIL CAPACITY         D		Q	2960 mm
Track         U         2250 mm           Min. Ground Clearance         K         450 mm           MAIN TECHNICAL SPECIFICATION         SPECIFICATION           Rated Load         5000 kg           Operating Weight         16500 kg           Rated Bucket Capacity         3.0 m³           Max. Tractive Force         167 KN           Max. Breakout Force         173 KN           Max. Dumping Height         C         3145 mm           Height to Bucket Hinge Pin         B         4170 mm           Dump Reach         D         1250 mm           Dump Angle         I         45°           Digging Depth (with bucket on the ground)         G         63 mm           Min. Turning Radius:         0         63 mm           outside of bucket         R         6742 mm           center of wheel track         S         5772 mm           Max. Turning Angle         T         38°           Boom Lifting Time         5,1 s           Total Cycle Time         9,3 s           Max. travel speed         40 km/h           Max. Gradeability         O         30°           OIL CAPACITY         T           Type of Fuel         Diesel fuel <td>Height (to the top of the cab)</td> <td>Р</td> <td>3465 mm</td>	Height (to the top of the cab)	Р	3465 mm
Min. Ground Clearance  MAIN TECHNICAL SPECIFICATION  Rated Load Operating Weight Rated Bucket Capacity Max. Tractive Force Max. Breakout Force Max. Dumping Height Height to Bucket Hinge Pin Dump Reach Dump Angle Digging Depth (with bucket on the ground) Min. Turning Radius: Outside of bucket Center of wheel track Max. Turning Angle Boom Lifting Time Total Cycle Time Max. Gradeability Olic CAPACITY Type of Fuel Engine Oil Gear Oil for T/C and G/B Hydraulic Oil  Som Min. Som As 450 mm  450 m	Wheel Base	М	3200 mm
MAIN TECHNICAL SPECIFICATION  Rated Load Operating Weight Rated Bucket Capacity 3.0 m³ Max. Tractive Force 167 KN Max. Breakout Force 173 KN Max. Dumping Height C 3145 mm Height to Bucket Hinge Pin Dump Reach D 1250 mm Dump Angle I 45° Digging Depth (with bucket on the ground) Min. Turning Radius: outside of bucket Center of wheel track Max. Turning Angle Boom Lifting Time Total Cycle Time Max. Gradeability O 30° OIL CAPACITY Type of Fuel Engine Oil Gear Oil for T/C and G/B Hydraulic Oil So m³ Min. 5000 kg 5000 kg 6000 k	Track	U	2250 mm
Rated Load 5000 kg Operating Weight 16500 kg Rated Bucket Capacity 3.0 m³ Max. Tractive Force 167 KN Max. Breakout Force 173 KN Max. Dumping Height C 3145 mm Height to Bucket Hinge Pin B 4170 mm Dump Reach D 1250 mm Dump Angle I 45° Digging Depth (with bucket on the ground) G 63 mm Min. Turning Radius: outside of bucket R 6742 mm center of wheel track S 5772 mm Max. Turning Angle T 38° Boom Lifting Time 5,1 s Total Cycle Time 9,3 s  Max. travel speed 40 km/h Max. Gradeability O 30° OIL CAPACITY Type of Fuel Diesel fuel Engine Oil Gear Oil for T/C and G/B Hydraulic Oil 300 L	Min. Ground Clearance	K	450 mm
Rated Load Operating Weight Operating Weight Rated Bucket Capacity 3.0 m³ Max. Tractive Force 167 KN Max. Breakout Force 173 KN Max. Dumping Height C 3145 mm Height to Bucket Hinge Pin Dump Reach D 1250 mm Dump Angle Digging Depth (with bucket on the ground) Min. Turning Radius: outside of bucket Center of wheel track Max. Turning Angle Boom Lifting Time Total Cycle Time Max. Gradeability O 30° OIL CAPACITY Type of Fuel Engine Oil Gear Oil for T/C and G/B Hydraulic Oil S 167 KN Max 16500 kg A 17 KN A 173 KN A 170 mm A 170 m	MAIN TECHNICAL		
Operating Weight         16500 kg           Rated Bucket Capacity         3.0 m³           Max. Tractive Force         167 KN           Max. Breakout Force         173 KN           Max. Dumping Height         C         3145 mm           Height to Bucket Hinge Pin         B         4170 mm           Dump Reach         D         1250 mm           Dump Angle         I         45°           Digging Depth (with bucket on the ground)         G         63 mm           Min. Turning Radius:         0utside of bucket         R         6742 mm           center of wheel track         S         5772 mm           Max. Turning Angle         T         38°           Boom Lifting Time         5,1 s           Total Cycle Time         9,3 s           Max. travel speed         40 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         300 L	SPECIFICATION		
Rated Bucket Capacity         3.0 m³           Max. Tractive Force         167 KN           Max. Breakout Force         173 KN           Max. Dumping Height         C 3145 mm           Height to Bucket Hinge Pin         B 4170 mm           Dump Reach         D 1250 mm           Dump Angle         I 45°           Digging Depth (with bucket on the ground)         G 63 mm           Min. Turning Radius:         500 mm           Outside of bucket         R 6742 mm           Center of wheel track         S 5772 mm           Max. Turning Angle         T 38°           Boom Lifting Time         5,1 s           Total Cycle Time         9,3 s           Max. travel speed         40 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         300 L	Rated Load		5000 kg
Max. Tractive Force       167 KN         Max. Breakout Force       173 KN         Max. Dumping Height       C       3145 mm         Height to Bucket Hinge Pin       B       4170 mm         Dump Reach       D       1250 mm         Dump Angle       I       45°         Digging Depth (with bucket on the ground)       G       63 mm         Min. Turning Radius:       000 G       63 mm         Outside of bucket       R       6742 mm         Center of wheel track       S       5772 mm         Max. Turning Angle       T       38°         Boom Lifting Time       5,1 s         Total Cycle Time       9,3 s         Max. travel speed       40 km/h         Max. Gradeability       O         OIL CAPACITY         Type of Fuel       Diesel fuel         Engine Oil       19 L         Gear Oil for T/C and G/B       45 L         Hydraulic Oil       300 L	Operating Weight		16500 kg
Max. Breakout Force  Max. Dumping Height  Height to Bucket Hinge Pin  Dump Reach  D  Dump Angle  Digging Depth (with bucket on the ground)  Min. Turning Radius:  outside of bucket  center of wheel track  S  Boom Lifting Time  Total Cycle Time  Max. Travel speed  Max. Gradeability  OIL CAPACITY  Type of Fuel  Engine Oil  G  173 KN  A173 KN  A173 KN  A174 Mm  A170 mm  A175 Mm  A170 mm  A17	Rated Bucket Capacity		3.0 m <sup>3</sup>
Max. Dumping Height Height to Bucket Hinge Pin B 4170 mm Dump Reach D 1250 mm Dump Angle Digging Depth (with bucket on the ground) Min. Turning Radius: outside of bucket center of wheel track R 6742 mm center of wheel track S 5772 mm Max. Turning Angle T 38° Boom Lifting Time Total Cycle Time 9,3 s  Max. travel speed Max. Gradeability OIL CAPACITY Type of Fuel Engine Oil Gear Oil for T/C and G/B Hydraulic Oil S 1250 mm C 63 mm M 6742 mm C 6742 mm C 772 mm M 7 80 80 80 80 80 80 80 80 80 80 80 80 80	Max. Tractive Force		167 KN
Height to Bucket Hinge Pin   Dump Reach   D   1250 mm	Max. Breakout Force		173 KN
Dump Reach         D         1250 mm           Dump Angle         I         45°           Digging Depth (with bucket on the ground)         G         63 mm           Min. Turning Radius:         outside of bucket         R         6742 mm           center of wheel track         S         5772 mm           Max. Turning Angle         T         38°           Boom Lifting Time         5,1 s           Total Cycle Time         9,3 s           Max. travel speed         40 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         300 L	Max. Dumping Height	С	3145 mm
Dump Angle Digging Depth (with bucket on the ground) G 63 mm Min. Turning Radius: outside of bucket center of wheel track Max. Turning Angle Boom Lifting Time Total Cycle Time Max. travel speed Max. Gradeability OIL CAPACITY Type of Fuel Engine Oil Gear Oil for T/C and G/B Hydraulic Oil  63 mm 6742 mm 6742 mm 738° 5772 mm 738° 740 40 km/h 740 30° 750 20° 761 20° 762 20° 763 20° 763 20° 764 20° 765 20° 765 20° 765 20° 765 20° 765 20° 765 20° 766 20° 766 20° 767 20° 768 20° 7	Height to Bucket Hinge Pin	В	4170 mm
Digging Depth (with bucket on the ground) G 63 mm  Min. Turning Radius: outside of bucket R 6742 mm center of wheel track S 5772 mm  Max. Turning Angle T 38°  Boom Lifting Time 5,1 s  Total Cycle Time 9,3 s  Max. travel speed 40 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 300 L	Dump Reach	D	1250 mm
Min. Turning Radius:         R         6742 mm           outside of bucket         S         5772 mm           center of wheel track         S         5772 mm           Max. Turning Angle         T         38°           Boom Lifting Time         5,1 s           Total Cycle Time         9,3 s           Max. travel speed         40 km/h           Max. Gradeability         O           OIL CAPACITY           Type of Fuel         Diesel fuel           Engine Oil         19 L           Gear Oil for T/C and G/B         45 L           Hydraulic Oil         300 L	Dump Angle	1	45°
outside of bucket         R         6742 mm           center of wheel track         \$ 5772 mm           Max. Turning Angle         T 38°           Boom Lifting Time         5,1 s           Total Cycle Time         9,3 s           Max. travel speed         40 km/h           Max. Gradeability         O 30°           OIL CAPACITY         Type of Fuel           Engine Oil         19 L           Gear Oil for T/C and G/B         45 L           Hydraulic Oil         300 L	Digging Depth (with bucket on the ground)	G	63 mm
center of wheel track         \$ 5772 mm           Max. Turning Angle         T 38°           Boom Lifting Time         5,1 s           Total Cycle Time         9,3 s           Max. travel speed         40 km/h           Max. Gradeability         O 30°           OIL CAPACITY         Type of Fuel           Engine Oil         19 L           Gear Oil for T/C and G/B         45 L           Hydraulic Oil         300 L	Min. Turning Radius:		
Max. Turning Angle         T         38°           Boom Lifting Time         5,1 s           Total Cycle Time         9,3 s           Max. travel speed         40 km/h           Max. Gradeability         0 30°           OIL CAPACITY         Type of Fuel           Engine Oil         19 L           Gear Oil for T/C and G/B         45 L           Hydraulic Oil         300 L	outside of bucket	R	6742 mm
Boom Lifting Time         5,1 s           Total Cycle Time         9,3 s           Max. travel speed         40 km/h           Max. Gradeability         0 30°           OIL CAPACITY         Type of Fuel           Engine Oil         19 L           Gear Oil for T/C and G/B         45 L           Hydraulic Oil         300 L	center of wheel track	S	5772 mm
Total Cycle Time         9,3 s           Max. travel speed         40 km/h           Max. Gradeability         0 30°           OIL CAPACITY         Diesel fuel           Engine Oil         19 L           Gear Oil for T/C and G/B         45 L           Hydraulic Oil         300 L	Max. Turning Angle	Т	38°
Max. travel speed         40 km/h           Max. Gradeability         0 30°           OIL CAPACITY         Type of Fuel           Engine Oil         19 L           Gear Oil for T/C and G/B         45 L           Hydraulic Oil         300 L	Boom Lifting Time		5,1 s
Max. Gradeability         O         30°           OIL CAPACITY         Diesel fuel           Type of Fuel         19 L           Engine Oil         19 L           Gear Oil for T/C and G/B         45 L           Hydraulic Oil         300 L	Total Cycle Time		9,3 s
Max. Gradeability         O         30°           OIL CAPACITY         Diesel fuel           Type of Fuel         19 L           Engine Oil         19 L           Gear Oil for T/C and G/B         45 L           Hydraulic Oil         300 L	Max. travel speed		40 km/h
OIL CAPACITY           Type of Fuel         Diesel fuel           Engine Oil         19 L           Gear Oil for T/C and G/B         45 L           Hydraulic Oil         300 L		0	30°
Engine Oil       19 L         Gear Oil for T/C and G/B       45 L         Hydraulic Oil       300 L			
Gear Oil for T/C and G/B 45 L Hydraulic Oil 300 L	Type of Fuel		Diesel fuel
Hydraulic Oil 300 L	Engine Oil		19 L
	Gear Oil for T/C and G/B		45 L
Fuel Tank Capacity 300 L	Hydraulic Oil		300 L
	Fuel Tank Capacity		300 L

ENGINE AND TRANSMISSION	
Engine Model	WD10G220E23
	Diesel, watercooled, 4 stroke,
Engine Type	6 cyl. in line, direct injection,
	turbo charged
Rated output	162 / 220 kW / HP
Rated speed	2000 r/min
Max. Torque	980 Nm
Engine Capacity	9726 cm <sup>3</sup>
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	17 MPa
AXLE AND TYRE	
	Single stage
Type of Main Reducer	spiral bevel gear
	Single stage
Type of Final Drive	planetary reducer
Tyre Size	23.5-25
	Middle articulated frame,
Steering System	full hydraulic power
BRAKE SYSTEM	
Type of Traveling Brake	Air assisted oil disc type on four
Type of Haveling Diane	wheel brake
	Automatic
Type of Emergency Brake	cutting
	air brake
Parking Brake	Inner expand hoof
	Rearview camera
Extra kit	Cabin heater

\* the parameters are subject to change without notice

## 

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

## CONTACTS

Windshield wiper and washer

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