Reliability in Action

B877F

Backhoe Loader

SDLG

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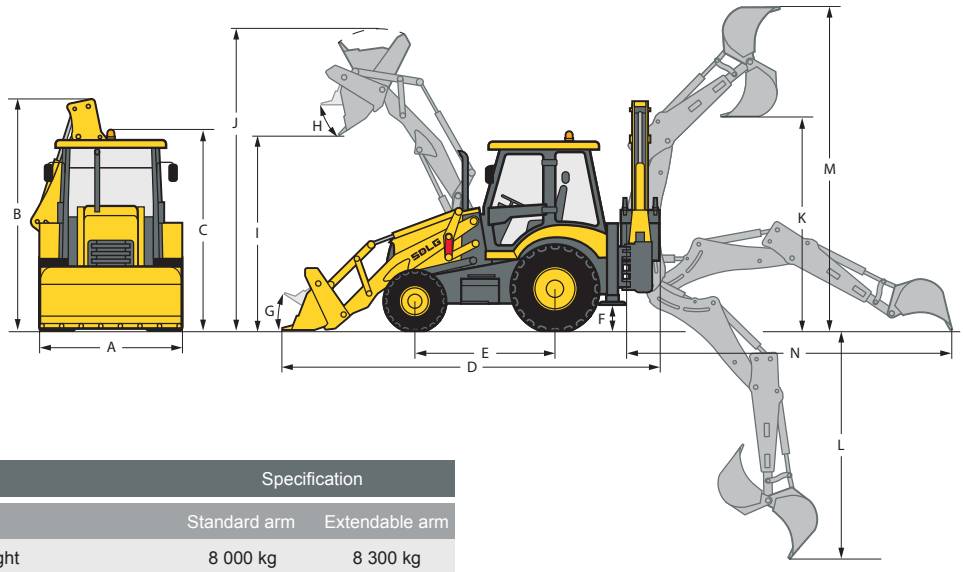
A variety of configurations

The new B877F sideshift backhoe loader from SDLG is available in a variety of alternative configurations, allowing you to select the version that best suits your needs.

A remarkably efficient and versatile machine, whether you are operating the loader or the excavator, the B877F has the power and manoeuvrability to handle most jobs.

1. Access to the engine is made easy through the large, rear hinged engine hood. To improve maintenance access, all filters are grouped inside the engine bay. The high capacity radiator is also easily accessed via the large engine hood opening.
2. The spacious, air-conditioned cab provides the operator with excellent visibility all around the machine, and plenty of space for turning between the loader and excavator controls.
3. The B877F is equipped with an improved loader linkage system to provide powerful breakout force, and comes with a 1 m³ loader bucket as standard.
4. The powerful 70 kW Yuchai engine supplies the hydraulic system with a constancy of flow so you can rely on having the power you need to get the job done.
5. A 55º steering angle provides excellent manoeuvrability when working in confined areas.
6. Choose to specify your B877F with either a multi-purpose or a general purpose loader bucket, together with an extendable or a standard arm. There is also a wide range of attachments to choose from, such as different size excavator buckets and flip-over forks. If you require additional hydraulics (for example, for a hydraulic breaker) the B877F can also be equipped with these to suit your needs.

SDLG is part of the Volvo Group and one of the largest manufacturers of construction machinery in China, with a wide network of dealerships and service workshops throughout Africa and the Middle East.



Description	Specification	
	Standard arm	Extendable arm
Operating weight	8 000 kg	8 300 kg
Standard loader bucket capacity	1 m³	1 m³
Standard excavator bucket width	625 mm	625 mm
Lift capacity (rated load)	1 800 kg	1 800 kg
Maximum tractive force	82 kN	82 kN
Maximum digging force	48 kN	48 kN
Maximum breakout force	48 kN	48 kN
Minimum turning radius	4 118 mm	4 118 mm
Maximum lift capacity (ISO 14397-2)	3 224 kg	3 015 kg
Dimensions	**Standard arm**	**Extendable arm**
A. Overall width	2 350 mm	2 350 mm
B. Overall height	3 608 mm	3 608 mm
C. Height to top of cab (including beacon)	3 090 mm	3 090 mm
D. Overall length	5 917 mm	5 897 mm
E. Wheelbase	2 170 mm	2 170 mm
F. Ground clearance	346 mm	346 mm
G. Roll back angle ground level	45°	45°
H. Dump angle	45°	45°
I. Dump height	2 693 mm	2 707 mm
J. Maximum operating height loader	4 313 mm	4 313 mm
K. Loading clearance excavator	3 544 mm	4 254 mm
L. Maximum digging depth	4 352 mm	5 306 mm
M. Operating height excavator	5 339 mm	5 986 mm
N. Reach from swing post ground level	5 393 mm	6 330 mm
Maximum excavator bucket rotation	194°	194°

Engine	Specification
Brand	Yuchai
Model	YC4A105Z-T20
Type	In line, water cooled, four stroke, direct injection
Rated Power (SAE J1349)	70kW
Max Torque	Nm
Bore / stroke	108 / 132 mm
Displacement	4 837 ml

Description	Specification
Transmission	
Brand, model and type	Carraro TLB1-4WD Powershuttle
Gears forward	4
Gears reverse	4
Maximum speed forward	38 km/h
Maximum speed reverse	38 km/h
Service brake type	Vacuum servo
Parking brake type	Caliper disc
Front axle	
Brand and type	Carraro steering axle
Steering angle	55°
Rear axle	
Brand and type	Carraro wet brake
Differential lock	Yes
Tyres	
Dimension front	12.5 - 18
Dimension rear	18.4 - 26 (16.9 - 28)
Front tyre pressure	60.9 - 63.8 psi
Rear tyre pressure	30.5 - 33.4 psi
Hydraulics	
Type	Gear pump
Maximum flow	200 L/min
Maximum pressure	22.5 Mpa
Service fill capacities	
Fuel	135 L
Hydraulic oil	155 L
Axles (main and final drives)	7.5 + 0.8 * 2/15 L
Engine	10 L
Transmission	20 L
Anti freeze	20 L

Customer service is first priority

SDLG focuses on delivering outstanding customer service throughout a machine' s life cycle. Its Integrated service management system monitors and analyzes the machine's functions to ensure that it is working at optimal capacity, while service alerts notify customers about forthcoming maintenance checks. SDLG's attention to detail is one of the ways it continues to be the industry' s No. 1 in terms of customer service satisfaction.

Value-added service

SDLG' s aftercare promise guarantees high quality service and offers experts who are on-hand to answer any questions or to solve problems. SDLG' s service team uses advanced technology to support Its maintenance checks in the field. Moreover, it aims to work with customers to define an efficient business solution.

Global service network

SDLG' s worldwide service and spare parts network provides fast, efficient and professional round-the-dock service, anytime, anywhere. SDLG exceeds customers' expectations.

SDLG

www.sdlg-africa.com

babcock

trusted to deliver™

Babcock International Group: Tel +27 (0)11 230 7300 enquiries@babcock.co.za Branches: Bloemfontein +27 (0)51 432 1226 Botswana +267 390 2869 Cape Town +27 (0)21 380 4700 Durban +27 (0)31 700 6009 East London +27 (0)43 703 0400 George +27 (0)44 878 1035 Kimberley/Kathu +27 (0)53 832 3443 Middelburg +27 (0)13 001 1234 Mozambique +258 21 900 120 Nelspruit +27 (0)13 001 1280 Port Elizabeth +27 (0)41 407 5900 Richards Bay +27 (0)35 751 1180 Rustenburg +27 (0)14 592 6150 Steelpoort +27 (0)13 230 9054 Swaziland +27(0)11 230 7300 Wolmaransstad +27 (0)18 596 1514 Windhoek +264 61 305 560/3 Zambia - Kitwe +260 212 216 200 Lusaka +260 211 127 2926/28 Zimbabwe +27 (0)11 230 7300
Independent Dealers: Polokwane - RGR Services +27 (0)15 297 6711 Tzaneen - Swaarvoertuie +27 (0)15 307 5000

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