

WD20 Series 1.8Ton Compact Diesel Crawler Excavator with Kubota/Laidong Engine

Specifications :

Price	Contact us
Place of Origin	China
Min.Order Quantity	1
Payment Terms	OEM?ODM?OBM
Supply Ability	1000
Delivery Detail	one month

Detail Introduction :

Specification Category	Parameter / Item	Unit	WD20-J Specification	WD20-L Specification
Overall Weight & Bucket	Gross Weight	kg	1790	1880
	Rated Bucket Capacity	m ³	0.04	0.04
Engine & Power	Engine Model / Brand	—	Kubota D902	Laidong 385 (KM385B-216A)
	Rated Power	kW	11.8 (Euro 5 / EPA)	18.4 (Euro 5)
	Rated Speed	RPM	2300	2350
	Gradient / Climbing Ability	°	30	30
	Main Valve System	—	Load-Sensing Valve	Load-Sensing Valve

Dimensions & Chassis	Overall Length / Transport Length	mm	3623	3623
	Overall Width	mm	1020 / 1350	1020 / 1350
	Upper Structure Width	mm	1020	1020
	Overall Height	mm	2517	2517
	Track Width	mm	230	230
	Track Gauge	mm	750 / 1120	750 / 1120
	Minimum Ground Clearance	mm	155	155
	Tail Swing Radius	mm	939	939
	Track Ground Contact Length	mm	1190	1190
	Total Track Length	mm	1577	1577
Working Range	Maximum Digging Height	mm	3372	3372
	Maximum Dump Height	mm	2386	2386
	Maximum Digging Depth	mm	2220	2220

	Maximum Digging Reach	mm	4055	4055
	Minimum Swing Radius	mm	1886	1886
	Height at Minimum Swing Radius	mm	2606	2606

Dual Engine Options: Choose between the ultra-reliable **11.8 kW Kubota D902 engine** (Euro 5 / EPA compliant) or the high-power **18.4 kW Laidong KM385B engine** to match regional emission standards and operational demands.

Advanced Load-Sensing Hydraulic System: Features a load-sensing main valve that adjusts hydraulic oil flow according to load resistance, providing smooth multi-function movements and fuel efficiency.

Telescopic Width Track Chassis: Overall machine width expands from **1020 mm to 1350 mm**, allowing entry through narrow side-gates while offering superior lateral balance when fully extended during deep excavation.

Impressive Excavation Reach: Delivers a **2220 mm maximum digging depth**, a **3372 mm maximum digging height**, and a broad **4055 mm maximum digging reach** with a standard **0.04 m³** bucket capacity.

Operator Ergonomics & Mobility: Compact **939 mm tail swing radius** and a **30-degree climbing gradient** ensure reliable mobility across sloping, soft, or unpaved terrain.

Product Applications

Municipal Infrastructure & Cable Laying: Excavating trenches for water lines, gas pipes, and electrical cables along urban roadsides.

Agricultural Farms & Orchards: Irrigation ditch maintenance, root clearing, orchard planting, and fence installation.

Landscaping & Site Preparation: Foundation digging, garden grading, decorative stone placement, and retaining wall construction.

Why Choose Us?

World-Class Powertrain Integration: Powered by proven Kubota or Laidong diesel engines, guaranteeing fast global spare parts availability.

Reinforced Steel Structure: Fabricated with high-strength boom structures and heavy-duty rubber tracks built for long working service lives.

Direct Factory Technical Support: Full OEM backing with dedicated online technical assistance and quick component dispatch.