

WD30 Small Diesel Crawler Compact Excavator | 3.3-Ton Hydraulic Digger with Yanmar Engine for Construction & Mining

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	WD30 Technical Value
Weight & Capacity	Gross Weight	kg	3300
	Rated Bucket Capacity	m ³	0.08
Engine System	Engine Brand & Model	—	Japanese Yanmar (3TNV88F-ESSY)
	Rated Power	kW	18.2 (Euro 5)
	Rated Speed	RPM	2200
	Gradient / Climbing Ability	°	30

	Main Valve Type	—	Load-Sensing Valve
Dimensions & Track	Overall Length / Transport Length	mm	4652
	Overall Width	mm	1543
	Upper Structure Width	mm	1460
	Overall Height	mm	2642
	Track Width	mm	300
	Track Gauge	mm	1250
	Minimum Ground Clearance	mm	271
	Tail Swing Radius	mm	947
	Track Ground Contact Length	mm	1630
	Total Track Length	mm	2120
Working Range	Maximum Digging Height	mm	4412
	Maximum Dump Height	mm	3118

	Maximum Digging Depth	mm	2595
	Maximum Digging Reach	mm	4004
	Minimum Swing Radius	mm	2386
	Height at Minimum Swing Radius	mm	3453

Japanese Yanmar Engine Integration: Driven by an industrial-grade 18.2 kW Yanmar 3TNV88F-ESSY engine operating at 2200 RPM, fully compliant with Euro 5 / Tier 4 Final emission standards and built for multi-shift operational reliability.

High-Efficiency Load-Sensing Hydraulics: The responsive load-sensing main valve distributes hydraulic oil proportionally, optimizing engine horsepower output and ensuring smooth multi-lever simultaneous controls.

Heavy-Duty Structural Digging Performance: Equipped with a 0.08 m³ reinforced bucket, delivering a **2,595 mm maximum digging depth**, a **4,412 mm maximum digging height**, and an impressive **3,118 mm dumping clearance** for rapid truck loading.

Stable Wide-Track Crawler Chassis: Built with an overall machine width of 1,543 mm, a 300 mm track width, and a 1,250 mm track gauge, providing a low center of gravity and high flotation traction across soft mud, clay, and gravel.

Robust Ground Clearance & Slope Capability: Features a 271 mm minimum ground clearance to comfortably clear rocks, site obstacles, and unpaved terrain with a 30-degree gradeability.

Application Scenarios

The WD30 Small Diesel Crawler Compact Excavator is a versatile utility machine ideal for:

Civil Earthworks & Road Construction: Subgrade excavation, side ditch trenching, road shoulder repairs, and culvert installation.

Commercial Building Foundations: Footing excavation, trench backfilling, and aggregate movement on commercial job sites.

Quarry & Mining Support Operations: Clearing overburden, handling light aggregate materials, and maintaining drainage ditches.

Agricultural Drainage & Land Reclamation: Clearing scrubland, dredging ponds, and excavating irrigation channels.

Why Choose Us

Premium Brand Components: Powered by genuine Yanmar engines paired with Japanese hydraulic engineering standards for high operational uptime and reliability.

High Truck Loading Efficiency: Extended dumping clearance (3,118 mm) allows effortless unloading into high-sided dump trucks and hoppers.

Factory-Direct Value & Parts Support: Heavy industrial build quality straight from our manufacturing base, fully supported by a comprehensive global stock of wear parts and hydraulic

components.