

## VANSE YZS2-4 Concrete Leveling Machine

The telescopic boom of the YZS2-4 is a key feature with a reach of 5.5 meters (18ft). With an advanced remote control system for hand-held application.



### Key Features

- Model: Mechanical hydraulic boom
- Power: YANMAR 3TNV80F, 17.8kW/3000RPM vertical 4-stroke water-cooled diesel engine
- Electric circuit: 12V DC DANFOSS control system, vehicle waterproof wiring harness
- Laser control system: Equipped with a full set of American Trimble laser systems. Swiss Leica and German Moba full set of laser systems (including: transmitter, receivers, control system) are optional.
- Outrigger control system: Automatically controlled one-button lifting system
- Tire: 26x12-12NHS Studless Tire
- Paving method: Hydraulic screw conveyor paving

### Leveling Width: Maximizing Productivity With Wide Coverage



The YZS2-4 offers an impressive levelling width of 3 meters (9.84 feet). With its extensive working width, this equipment can swiftly cover expansive regions, significantly minimizing the number of times it needs to be operated to finish a project. Be it the spacious floor of a massive warehouse or a large outdoor plaza, the broad levelling breadth serves as a catalyst for enhanced productivity. By doing so, it effectively cuts down on both time consumption and labour expenses for each task, making every job more efficient and cost-effective.

### Telescopic Boom: Extended Reach And Precision Placement



The telescopic boom of the YZS2-4 is a key feature for its versatility. Measuring 5.5 meters (18 feet) in length and with the ability to adjust left and right on the vehicle body, it provides extended reach. In various working scenarios, from reaching into tight corners to spanning large open areas, the telescopic boom's high-strength steel plate construction and roller telescopic system with 0.08-millimetre precision ground guide rails and bottom rails ensure smooth and efficient operation. This not only enables precise levelling but also helps in reducing fuel consumption due to its low-resistance design.

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Exciting Force: Tailored Compaction For Optimal Results



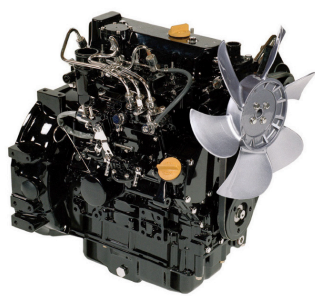
With an exciting force ranging from 200-900N(MAX), the YZS2-4 offers customizable compaction capabilities. This variable exciting force can be adjusted according to the specific requirements of the concrete mix and the desired level of compaction. Whether it's a thin layer of concrete or a more substantial pour, the machine can deliver the right amount of force to achieve a smooth, durable, and long-lasting surface.

Remote System: Enhanced Control And Safety



The advanced remote system of the YZS2-4 is a game-changer for on-site operations. It provides remote electronic control servo hydraulic control for the steering system, allowing the operator to select between two-wheel, four-wheel, or crab-shaped steering from a safe distance. The walking control system also benefits from remote control, with servo-controlled and proportional electronic control handle operation. Additionally, the telescopic boom rotation can be adjusted remotely in working mode. This not only enhances operator safety but also improves the efficiency of the leveling process by enabling quick and accurate adjustments.

Engine: Power And Compliance For Uninterrupted Performance



At the heart of the VANSE YZS2-4 is the YANMAR 3TNV80F engine, a true powerhouse. This engine embodies the perfect blend of environmental responsibility and top-notch engineering prowess. It complies with the strict European emissions regulations. Boasting a substantial power output of 17.8kW at 3000RPM, the engine operates on diesel fuel and is equipped with a 70L fuel tank. This ample fuel capacity enables it to sustain continuous operation throughout an entire workday on construction sites, eliminating the hassle of frequent refuelling. As a result, it delivers unwavering and dependable power for every levelling task, ensuring optimal efficiency and productivity.

Specifications:

Engine model	YANMAR 3TNV80F
Power	17.8kW/ 24HP/ 3000RPM
Fuel	Diesel
Fuel tank capacity	70L
Leveling width	3m/ 9.84ft
Telescopic boom	5.5m/ 18ft long
Exciting force	200-900N(MAX)
Walking speed	4.5 km/H
Steering mode	Two wheel, four wheel, crab steering
Net weight	2340kgs/ 5158.82lbs
Dimension	4600 × 3430 × 1970mm
Machine body:	Machine body: 4400 × 1880 × 1970mm    14.44 × 6.17 × 6.46ft
Working head:	Working head: 3430 × 815 × 530mm    11.25 × 2.67 × 1.74ft



