

# Smart Pile Driver Guidance System



Import Pile Position  
with One Button



Precise Hole  
Alignment ( $\pm 3\text{cm}$ )



Task  
Management



Attitude  
Adjustment



Pile Position  
Guidance



Digital  
Piling



Resume  
from Breakpoint



OTA  
Support

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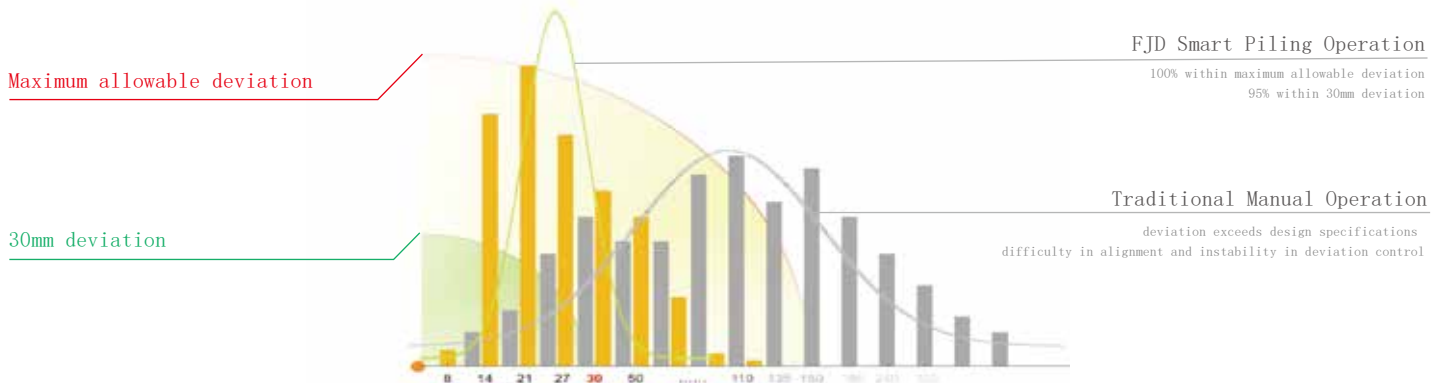


FACEBOOK

# Product Value

## Lower Cost, Improved Quality, and Enhanced Efficiency

- Pile-less operation lowers labor cost.
- Visible guidance and high-precision monitoring guarantee pile alignment and straightening.
- Remote task assignment and real-time operation feedback boost efficiency.



# Features

① Pile Position Guidance

**Pile Position Guidance**  
The GNSS high-accuracy positioning technology allows real-time monitoring of the target position relative to a pile driver, provides azimuth navigation, and leads the pile driver to the pile position quickly and

② Attitude Adjustment

**Attitude Adjustment**  
The vertical deviation of the drill rod is shown in real time on the industrial grade control terminal to help the operator straighten the pile driver

③ Precise Alignment

**Precise Alignment**  
GNSS-Based cm-level RTK positioning and 0.1° accuracy orientation promise high-quality alignment and pile-driving.

**Digital Drilling**  
Construction process will be digitalized, allowing real-time monitoring of drilling depth and rock-socketed depth.

# Specifications

	Items	Specs
System	Applicable Models	All Piling Machinery
	Operation Accuracy	±30 mm
	Orientation Accuracy	0.1°
Control Terminal	Size	300 x 190 x 43 mm
	Screen	10.1" Capacitive LED Touchscreen
	Working Temperature	-30° C ~ +70° C
	IP Rating	IP65
	Power Supply (V)	12 ~ 24 V
Sensor	Max. Angular Velocity	≤ 400° /s
	Working Temperature	IP67
	IP Rating	-40° C ~ +85° C