



INNOSIS

BUILDING THE FUTURE WITH INNOVATION



CONSTRUCTION MACHINERY SOLUTIONS



QUANTUM 1500

Pile Placer

The Quantum 1500 features a magnetic lifting system that securely transports and automatically positions piles, eliminating manual handling. This enhances safety, efficiency, and precision, making it ideal for demanding construction projects while saving time and reducing labor costs

Engine:	Yanmar 4TNV88C / Stage V 35,4 Kw (47,5 Hp)
Hydraulic Movement Arm With Magnetic Head Lifting Capacity:	205 Kg
Hydraulic System Flow Rate:	70 ÷ 100L/min.
Hydraulic Oil Tank Capacity:	90L
Diesel Tank Capacity:	70L
Operating Pressure:	180 Bar
Elektrical System:	12 V
Travel Speed (Double Speed):	2,2 - 4,5 km/h
Transport Dimension(LxWxH):	3500 mm x 2200 mm x 2400 mm
Total Weight:	4000 Kg
Total Weight (Full Loaded):	8535 Kg



ACCESSORIES ON REQUEST

Gps



ACCESSORIES



REMOTE CONTROL

The Quantum Remote Control is a custom-engineered system designed to provide seamless control over all machine functions with unmatched precision and ease. Featuring a long-lasting battery with up to 10 hours of operation on a single charge, it ensures uninterrupted performance for demanding tasks. Its ergonomic design and intuitive interface allow operators to manage complex operations efficiently, enhancing productivity and safety across various applications.



AUTO-LEVELING

The Quantum Extractor Kit is an impact-driven system designed to quickly and safely remove stuck piles from compact soil, rock, or concrete. With durable materials and a modular design for various pile sizes, it ensures efficient, reliable performance for construction and infrastructure projects.



ACCESSORIES

GPS SYSTEM

GPS SYSTEM

The Quantum GPS System can be retrofitted to your existing pile driver to enhance the accuracy and efficiency of pile installation for solar farm projects. Equipped with advanced GPS guidance, it uses your project's CAD design data to precisely locate pile points, eliminating the need for surveyors to mark individual stakes. The system also offers full autonomous functionality, enabling self-driving and auto-positioning of the pile driver at target locations. This streamlined process accelerates pile installation, saving both time and money.

