

Rapid Impact Soil Compactor

This rapid impact compactor is designed for efficient soil compaction. It features program control for single and PLC impacting, with energy presetting and automatic recording of impacting data.



Overview

High-Efficiency Rapid Impact Compactor

The Rapid Impact Soil Compactor is a high-performance foundation construction machine designed for the rapid densification of soft ground. It utilizes advanced hydraulic hammer technology to deliver adjustable impacting energy, making it suitable for planes, slopes, steps, and channel work. Featuring numerical control and full hydraulic driving, this versatile unit integrates seamlessly with loaders, excavators, and crawler lifts for maximum operational efficiency.

Key Features

Operational Flexibility

Numerical Control, Full Hydraulic Driving, Adjustable Impact Energy, High-Speed Performance

Technical Specifications

Model Parameters

Model	Nominal Energy (KJ)	Hammer Weight (T)	Total Weight (T)
YCH30	30	2.5	5.9
YCH36	36	3	6.4
YCH42	42	3.5	6.9
YCH60	60	4	7.5
YCH80	80	5	8.5
YCH110	110	7	10.5

Operational Metrics

3 m

Min Compaction Depth

10 m

Max Compaction Depth

80 min-1

Max Working Frequency

Compatibility

Suggested Base Machines

- 50 Loader
- 300-450 Excavator
- Crawler Lift