

Single Direction Plate Compactor

This single direction plate compactor is designed for compacting cohesive soils, such as clay and silt, in small repair jobs and confined areas. It can also be used on sand and gravel.

Model	MS160-1 MS160E-1	MS160-2 MS160E-2	MS160-3 MS160E-3	MS160-4 MS160E-4
Engine	4-cylinder, 4-cycle, single cylinder			
Engine Type	DaimlerChrysler KM178/KM178FE, Petrol, Masalta G200F, Petrol, Robin EX17, Petrol, Honda GX200			
Power (kW)	3.7(5.0)	4.8(6.5)	4.2(5.7)	4.8(6.5)
Operation Mass (kg/lb)	168(370)/(180(403))	150(330)/(162(357))	149(329)/(161(356))	150(330)/(162(357))
Frequency (rpm)	4000			
Centrifugal Force (N)	30.9			
Compaction Depth (cm/in)	50(19)			
Travel Speed (cm/min)	25(10)			
Efficiency (m ² /hr/ft ² /hr)	5706(100)			
Plate Size (cm/in)	73x21(28-1/2)x15(7-1/2)(45x23x20)			
Dimension (cm/in)	84x57x93(34x22x37)			

*The plate size of MS160E with auxiliary plate is 73x20x19(28x7-1/2x7-1/2). We reserve the right to improve or withdraw the specification or products without prior notice.

ADDITIONAL IMAGES



Overview



A robust and efficient plate compactor designed for optimal compaction force in construction and landscaping applications.

Single Direction Plate Compactor Series

This series of single direction plate compactors is engineered for reliability and cost-effective performance in the construction market. Specifically designed for cohesive soils such as clay and silt, these machines excel in narrow, confined spaces like trenches and housing sites. They also provide versatile compaction capabilities for sand and gravel, making them an economical choice for small repair jobs and general ground preparation.

Key Features



Engineered for durability with a focus on ease of maintenance and reliable usage in confined areas.

Suitable Applications

Cohesive Soils, Clay, Silt, Sand, Gravel, Trenches, Confined Areas

Technical Specifications

Model Specifications

Model	Power (kW)	Weight (kg)	Compaction Depth (cm)
MS50	1.8	54	20
MS60	4	62	20

Operational Metrics

Performance Highlights

20 cm

Compaction Depth

4 kW

Max Power