

MERIPACKER
MPC-375

Tractor mounted PTO-driven
vibrating plate for efficient
compacting



MERIROAD

MERIPACKER MPC-375

Tractor mounted PTO-driven vibrating plate for efficient compacting

TYPICAL WORKING ENVIRONMENTS

- Compacting of gravel roads after road milling or grading
- Compacting the bases of buildings, parking areas, sport fields and yard areas
- Compacting of track yards and track areas
- Compacting of paths, hiking and skiing tracks

FEATURES

-Strong construction with three separated vibrating elements. Each element has its own closed hydraulic circuit own (pump and motor), which guarantees uniform compacting force (75KN) and a depth of up to 50cm from each element. The dynamic compaction force hits the ground perpendicularly, which produces the best possible compaction result.

-The articulated vibrating elements adapt to the profile of the surface to be compacted.

-Hydraulic side zoom +/-350mm enables working near steep edges and buildings.

The mobile and compact tractor-mounted combination enables working in difficult and uneven terrains where traditional roller compactors cannot move.

Tractor requirements:

Mounting	CAT 2
Auxiliary hydraulic	1 pcs. Double acting
PTO	1000 1/min @ 35mm 6-splines
Working speed	0.6 - 3 km/h

Technical information:

Working hydraulic	3pcs Hydraulic pumps (gear type) 3pcs Hydraulic motors
Oil tank	95 L
Oil cooler electric	12 V
Vibrating elements pivoted	3pcs length x width 850x905mm
Working width	2550 mm
Compacting depth	100 -500 mm
Vibrating frequency / Amplitude	30-55Hz / 2,12mm
Compacting force	3 x 75 KN
Side zoom from the center	350 / 350 mm

Main dimensions:

Length x Width x Height	1900 / 2600 / 1400 mm
Weight	2550 kg

Working principle:

3-pcs of vibrating elements, each with its own hydraulic motor that gets its power from a 3-block gear pump unit that is powered by tractors PTO. Systems pressure level is 200bar

