



INDUSTRIAS TECHNOFLEX SA

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Plancha vibradora reversible con accionamiento hidráulico

Reversible compactor plate with hydraulic control

Plaque vibrante réversible avec actionnement hydraulique

Compactadora reversível com controle hidráulico

MAMUT 40-G / MAMUT 40-D



Manual de Instrucciones / Lista de Recambios

Instruction Manual / Spare Parts

Manuel d'Instructions / Liste de Pièces de Rechange

Manual de instruções / Lista de reposições

MAQUINARIA PARA LA CONSTRUCCIÓN Y OBRAS PÚBLICAS
BUILDING AND PUBLIC WORKS MACHINERY
MACHINERIE POUR LA CONSTRUCTION ET LES TRAVAUX PUBLICS
MAQUINARIA PARA A CONSTRUÇÃO E OBRAS PÚBLICAS

1.1 Safety Notes

This manual contains CAUTIONS and WARNINGS which must be followed to prevent the possibility of improper service, damaged to the equipment, or personal injury. Read and follow all the CAUTIONS and WARNINGS included in this instructions manual.



WARNING: Warnings warn of conditions or practices which could lead to personal injury.

Safe these instructions!

1.2 Warning and safety Instructions

1. To work with the Reversible Compactor Plate, the personnel must be selected that completes these conditions:
 - to be major of age
 - to be physical and mentally under perfect conditions.
 - to be perfectly well educated for the use of these machines.
2. These machines probably in some moment can surpass the limit of 93 dB (A), therefore it is necessary to work with auditive protectors.
3. These machines can **NOT** work in explosive atmosphere.
4. To work in closed places as galleries or tunnels, you must ensure a perfect ventilation due to the gasses emitted by the engine are toxic.
5. When you will work near of a trench, you must extreme the caution to avoid the overturn of the machine and possible injury.

1B OPERATION

1.3 Technical Data

MODEL	MAMUT 40-G	MAMUT 40-D
Code	141716R013	141717R013
Control forward-reverse	Hydraulic	Hydraulic
Engine	Honda GX270	KAMA 178 F
Power (KW / HP)	6,5 / 9	4,5 / 6
Weight (Kg. / Lb)	165 / 364	173 / 381
Frequency (Hz.)	75	75
Exciter speed min⁻¹	4600	4600
Centrifugal force (KN)	40	40
Forward speed máx. (m/min.-ft/min)	24 / 79	24 / 79
Inclination máx. (%)	30	30
Lateral inclinación máx. (°)	20°	20°
Work wide (mm / inch)	500 / 19,7	500 / 19,7
Work height (mm / inch)	900 / 35,4	900 / 35,4
Plate size (mm / inch)	500x700 19,7x27,5	500x700 19,7x27,5
Efficiency approximate (m²/h – ft²/h)	625 / 6727	625 / 6727
Exciter oil	Fuchs Titan Unic 10W40MC (SAE 10W40)	Fuchs Titan Unic 10W40MC (SAE 10W40)
Exciter oil quantity (l)	1,1	1,1
Control box oil forward-reverse	Fuchs Renolin MR520	Fuchs Renolin MR520
Sound Pressure Level according EN ISO 1124 (L_{pA})	95 dB (A)	95 dB (A)
Weighted Effective Acceleration according EN 1033	10 m/s ²	10 m/s ²

1.4 Operation

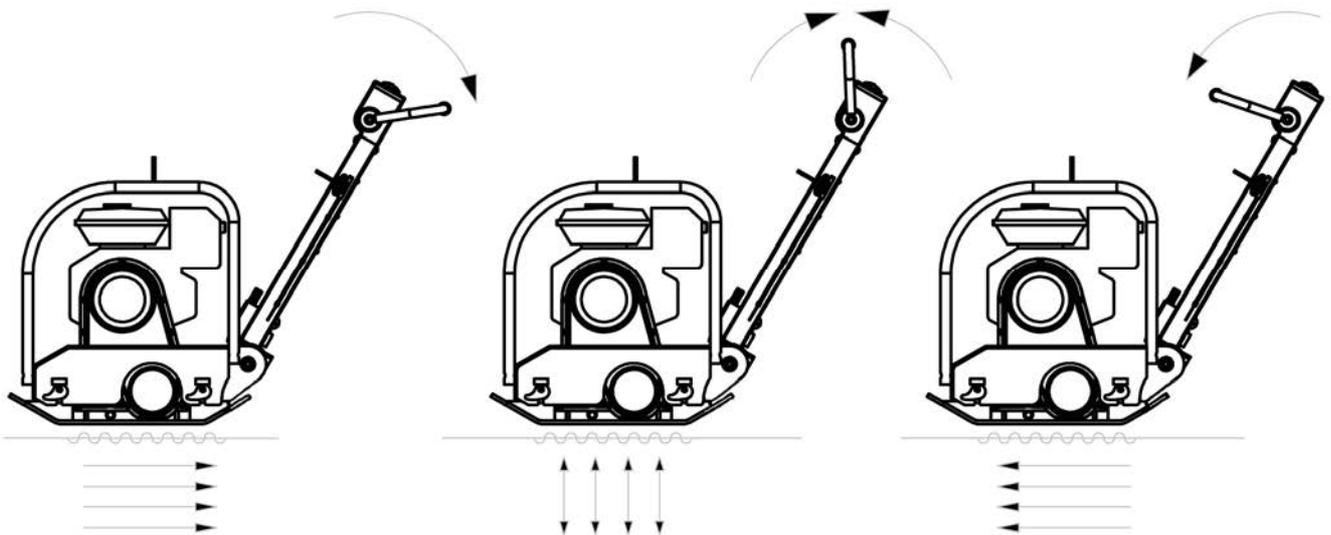
The force and the necessary vibration to compact the floor is generated through the vibrant box, in whose interior it is equipped a set of eccentric masses that produce the force and frequency which is transmitted to the floor for compactation.

The hydraulic control system allows the forward, reverse and to maintain the vibration in a fixed point without movement of the machine.

The forward and reverse speed are variable in function of the position of the control.

As security measure when the operator works in reverse position, if he falls to the floor or it is among the machine and a wall, just losing the control the machine automatically change the sense to a forward position.

The engine fits on its axis a centrifugal clutch, which allow the exciter to be in a no vibration position while the engine is in a slow speed level.



To start the machine, it is necessary to operate in the following way:

- 1) Close the choke lever.
- 2) Open the fuel cock.
- 3) Turn the switch in position ON in the gasoline engine.
- 4) Pull the starter handle and after starting return the starter lever to its original position. In diesel engine, the starter will return automatically
- 5) Accelerate progressively until getting the maximum speed.
- 6) Move the direction lever in the required sense.

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