



Vibrating plates

IC series ID series IE series

for excavators from 1,5 to 20 ton

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The new series of vibrating plates **IC**, **ID** and **IE** have been planned to compress the ground or the material which has been filled up in the ditch. The combined action between the pressure exerted on the ground by the arm of the mini excavator and the high frequency vibration produced by



the vibrating body permits to obtain an excellent compression of the filling up of the dig.

The vibrating plates of the series **IC**, **ID** and **IE** are extremely efficient in the embedding of the pile, without the need to remove the ground in excess. By employing the optional device **QC** and **QD**, which is situated at the bottom of the vibrating plate, and by laying the **IC**, **ID** or **IE** compressor on the upper extremity of the pile, the combined action between the pressure exerted by the arm of the mini excavator and the high frequency vibrations produced by the vibrating body allows to obtain the effect of the vibro-embedding. The vibrating plates of the series **IC**, **ID** and **IE** are activated by connecting them to the oil dynamic power plug for the attachments of excavators (PTO).



It is also possible to employ only the vibrating body, for applications on the riddling buckets and while the concrete is flowing. The vibrator, which is situated in the centre of the riddling bucket and activated by the oil dynamic force of the excavator, allows to obtain a definitely higher result during the selection of the materials. The employ of the vibrator during the concrete flow allows a better distribution of the concrete itself. In this way, possible empty zones within the concrete will be eliminated.

Technical specification table of the vibrating plates series **IC**

Models	Oil flow rate	Max. pressure	Impact plate	Excavator weight	Weight
IC 08	30 [litres/min]	230 [bar]	300 x 600 [mm]	1,5 – 2 [ton]	180 [kg]
IC 11	40 [litres/min]	230 [bar]	300 x 600 [mm]	2 – 3,5 [ton]	180 [kg]
IC 14	50 [litres/min]	230 [bar]	300 x 600 [mm]	3 – 4,5 [ton]	180 [kg]
IC 17	60 [litres/min]	230 [bar]	300 x 600 [mm]	4 – 5,5 [ton]	180 [kg]

Technical specification table of the vibrating plates series **ID**

Models	Oil flow rate	Max. pressure	Impact plate	Excavator weight	Weight
ID 22	70 [litres/min]	250 [bar]	400 x 800 [mm]	5 – 8 [ton]	260 [kg]
ID 26	80 [litres/min]	250 [bar]	400 x 800 [mm]	7 – 10 [ton]	260 [kg]
ID 33	90 [litres/min]	250 [bar]	400 x 800 [mm]	8 – 11 [ton]	260 [kg]

Technical specification table of the vibrating plates series **IE**

Models	Oil flow rate	Max. pressure	Impact plate	Excavator weight	Weight
IE 44	140 [litres/min]	250 [bar]	600 x 1.200 [mm]	11 – 15 [ton]	700 [kg]
IE 52	180 [litres/min]	250 [bar]	600 x 1.200 [mm]	15 – 20 [ton]	700 [kg]