

FAST FACT

EXCAVATOR-COMPATIBLE *PLATE COMPACTORS*

PC16 | PC23 | PC40



JOHN DEERE



PRESSURE
PLAYERS



AVAILABLE FOR
160G LC-380G LC
EXCAVATORS

COMPACTION FORCE MAKE AN IMPACT.

When your work takes you into the trenches, onto steep slopes, or within tight spaces, a rugged John Deere Plate Compactor can help you navigate and dominate. Excavator arm-mounted attachment disperses more powerful compaction forces than manually operated compactors — from the comfort of the cab and without extra crew members — for purpose-built productivity in a heavy-duty package.



PATTERN OF PROTECTION

Eccentric housing has been designed to enclose and protect the motor.



GET YOUR BEARINGS

Oil-splash bearing provides maintenance-free lubrication without the need for greasing.



ELEVATED IMPULSE

Large eccentric weight that is offset from the motor shaft helps enable high-impulse forces, for exceptional compaction rates.



DRIVEN TO SUCCEED

Designed specifically for trench-, slope-, and excavator-compaction applications, durable plate compactors can also be used for driving pilings, pipes, and fence and guardrail posts.



ON THE LEVEL

Plate compactors are durably constructed to absorb shocks and vibration, maximizing attachment stability and compaction efficiency.



PROVEN COMPATIBILITY

Like all John Deere attachments, these plate compactors are optimized to work with select models of Deere G-Series Excavators. They're also compatible with many competitive models. See your local Deere dealer for details.



TAKE CONTROL

Standard four-function valve capably controls flow, anti-cavitation, pressure, and oil-flow direction.

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SPECIFICATIONS



| Plate Compactors | PC16 | PC23 | PC40 |
|--|--|--|---|
| Compactor Weight | 710 kg (1,565 lb.) | 1010 kg (2,213 lb.) | 2220 kg (4,888 lb.) |
| Operating Weight (includes mounting bracket) | 830 kg (1,818 lb.) | 1250 kg (2,754 lb.) | 2560 kg (5,623 lb.) |
| Impact Rate | 2,100 cycles/min. | 2,100 cycles/min. | 2,100 cycles/min. |
| Impact Force | 71.2 kN (16,000 lbf.) | 106.8 kN (24,000 lbf.) | 178.0 kN (40,000 lbf.) |
| Compactor Plate Size | 737 x 813 mm (29 x 32 in.) | 864 x 914 mm (34 x 36 in.) | 1066 x 1219 mm (42 x 48 in.) |
| Compactor Plate Area | 0.6 m ² (6 sq. ft.) | 0.79 m ² (8.5 sq. ft.) | 1.3 m ² (14 sq. ft.) |
| Overall Height | | | |
| With Bracket | 1143.0 mm (45.0 in.) | 1219.2 mm (48.0 in.) | 1303.02 mm (51.3 in.) |
| Without Bracket | 812.8 mm (32.0 in.) | 889.0 mm (35.0 in.) | 972.82 mm (38.3 in.) |
| Overall Width | | | |
| Mounting Bracket | 510.0 mm (20.0 in.) | 570.0 mm (22.4 in.) | 890.0 mm (35.0 in.) |
| Main Body | 740.0 mm (29.0 in.) | 860.0 mm (34.0 in.) | 1070.0 mm (42.0 in.) |
| Sound Power Level (Estimated), LWA | 108 dB | 108 dB | 110 dB |
| Hydraulics | | | |
| Hydraulic Flow Required | 113.6 l/min (30 gpm) | 1779 l/min (47 gpm) | 235.0 l/min (62 gpm) |
| Maximum Operating Pressure | 20.7 MPa (3,000 psi) | 15.2 MPa (2,200 psi) | 15.2 MPa (2,200 psi) |
| Maximum Machine Auxiliary Relief | 25.2 MPa (3,650 psi) | 19.7 MPa (2,850 psi) | 19.7 MPa (2,850 psi) |
| Pressure Line Connection (IN) | M ORFS -16 | M ORFS -16 | M ORFS -20 |
| Return Line Connection | M ORFS -16 | M ORFS -16 | M ORFS -20 |
| Mounting System (bracket and hoses) | Optional | Optional | Optional |
| Vehicle Compatibility | John Deere 160G LC-200G/ Hitachi ZX160LC-6-ZX180-6 with auxiliary hydraulics | John Deere 210G-380G LC/ Hitachi ZX210-6-ZX380LC-6 with auxiliary hydraulics | John Deere 350G LC-380G LC/ Hitachi ZX350LC-6-ZX380LC-6 with auxiliary hydraulics |
| Allowed Carrier Weight | 9-20.5 tonne (20,000-45,000 lb.) | 16-54 tonne (35,000-120,000 lb.) | 35-70 tonne (77,000-150,000 lb.) |

