



GILBERT GRIZZLY MULTIGRIP
VIBRATORY PILE DRIVER

GILBERT



Diversify your applications

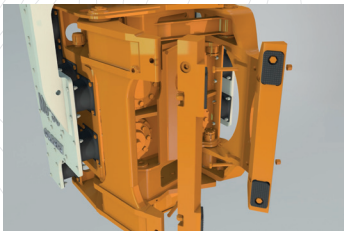
Designed for deep foundation construction work, the **Gilbert Grizzly MultiGrip** is the most versatile excavator-mounted vibratory pile driver. Thanks to its side clamp system with **Quick-Change** and **3PAS** technology, it allows precise handling, driving and extraction of all types of piles in a wide variety of applications and industries.

The **Gilbert Grizzly MultiGrip** can easily be installed on any excavator, allowing you to work in confined spaces where the use of conventional piling equipment is difficult. An intuitive control and assistance system allows the operator to achieve maximum potential productivity with a high-level of precision during the entire pile driving process.

Get a grip on your foundation work with the Gilbert Grizzly MultiGrip.

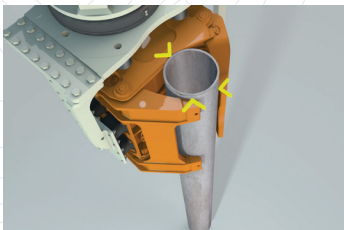


Our technologies



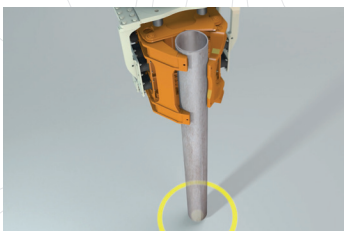
QUICK-CHANGE

Gilbert's exclusive **Quick-Change system** offers maximum versatility, allowing you to handle all types of piles with just one attachment. The patented removable side jaws allow you to quickly change between sheet piling/H-beams to pipes or timber piles in no time.



3PAS

The **3PAS** technology offers a unique three-point grip configuration. The holding system gives the Gilbert Grizzly MultiGrip a higher maximum holding force and ensures optimal energy transfer from the vibrating unit to the pile, resulting in faster and more efficient driving.



POWER DRIVE

Thanks to the Power Drive technology, the pile is directly in contact with the vibrating unit of the vibro so there is no energy loss. The driving force is optimally transferred to the pile, which increases the vibration effect in order to accelerate the pile driving process.

CONTROL AND ASSISTANCE SYSTEM

The Gilbert Control and Assistance System supplied with the Grizzly unit connects the pile driver to the hydraulic excavator. A high-quality ergonomic joystick attaches to the excavator's factory joystick and allows the operator to effectively control all functions of the vibro. The system is removable and easy to install on all excavator models.



The system comes with an Operator Assistance System that indicates the verticality of the profile using an angle sensor that transmits data in real time to an intuitive screen, providing continuous assistance to the operator.

OPTIONS :

Semi-Automatic Steering System

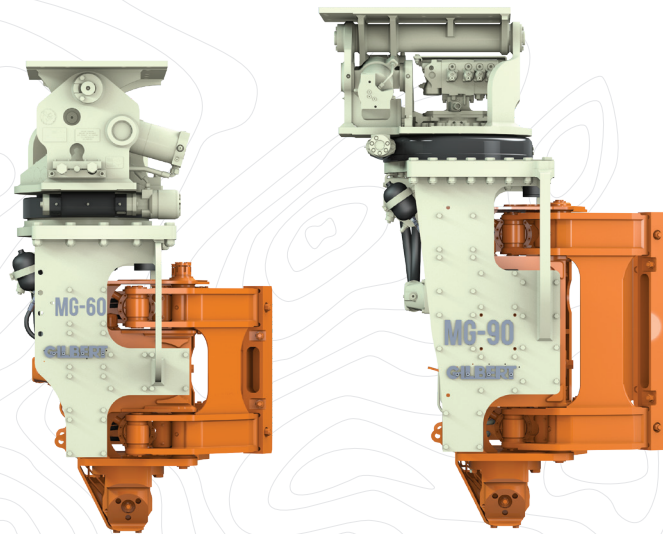
The Semi-Automatic Steering System assists the operator by reducing pile driving time by up to 40%. This simple system ensures the verticality of the pile without the need of correcting the key movements of the excavator boom, which significantly speeds up the piling work.

Adjustable-Frequency Function

The Adjustable-Frequency Function allows the operator to adjust the driving force of the vibro in order to obtain the optimal frequency according to the driving conditions.

MORE FEATURES

- Sturdy frame built with high quality STRENGTH steel: lighter and tougher
- Designed for the worker's safety



TECHNICAL SPECIFICATIONS

| MODEL | MG-60 | MG-90 |
|-------------------------------------|-------------|-------------|
| Excavator Class (Tons) | 22-30 | 30-45 |
| Frequency (RPM) | 2800 | 2800 |
| Centrifugal Force (kN/Tons) | 588 / 60 | 883 / 90 |
| Eccentric moment (kgm/in-lbs) | 6,78 / 538 | 9,33 / 810 |
| Oil Flow (L/min / GPM) | 170 / 45 | 227 / 60 |
| Maximum Pressure Settings (bar/PSI) | 310 / 4500 | 310 / 4500 |
| Amplitude - max. (mm/inch) | 9 / 0,35 | 10,5 / 0,41 |
| Net Weight (kg/Lbs) | 2549 / 5620 | 3275 / 7220 |
| Number of Eccentrics | 2 | 4 |
| Height (mm/Inches) | 2108 / 83 | 2337 / 92 |
| Rotation / Tilt Angle (Degrees) | 360 / 40 | 360 / 40 |

PATENTED *Specifications subject to change without notice.

SUITABLE PILES



SHEET PILES

Width : 400 – 1200 mm (16 – 48 in)



H-BEAMS

Size : H6 (H180) – H20 (H500)



TUBES & TIMBER PILES

Standard : 100 – 457 mm (4 – 18 in)
254 – 610 mm (10 – 24 in)
Optional : 355 – 762 mm (14 – 30 in)

MG-60

Pile length/weight

6 m (20 ft) / 2350 kg (5181 lbs)
12 m (40 ft) / 1550 kg (3417 lbs)
16 m (52 ft) / 1200 kg (2646 lbs)

MG-90

Pile length/weight

6 m (20 ft) / 2850 kg (6283 lbs)
12 m (40 ft) / 1950 kg (4299 lbs)
16 m (52 ft) / 1350 kg (2975 lbs)

DIMENSIONS AND WEIGHT FOR TRANSPORT *

MG-60 L x l x h (mm/in) : 2489 x 1346 x 1178 / 98 x 53 x 70 Weight (kg/lbs): 3266 / 7200

MG-90 L x l x h (mm/in) : 2883 x 1270 x 1178 / 113.5 x 50 x 70 Weight (kg/lbs): 3992 / 8800

* Including mounting plate and transport bracket

1840, boul. Marcotte
Roberval, Québec Canada
www.gilbert-tech.com

T 1 418.275.5041
F 1 418.275.2624
info@gilbert-tech.com

