

FREQUENTLY ASKED QUESTIONS ABOUT THE HAND HELD POST DRIVER

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PLEASE NOTE

Full and extensive answers to questions about design, usage, maintenance and warranty are within the operator/instruction manuals. Please ensure that you consult and follow these as the basis of safe operation, maintenance and decision to purchase.

These brief answers to questions we are frequently asked do not constitute part of any binding agreement when purchasing PDUK machines or optional extras and we cannot be held responsible for any errors or damages arising from following them.

1. What is a PDUK post/pile driver?

The PDUK is a handheld post driver, powered by a Honda GX35 4 stroke petrol engine, which easily drives into the ground metal/wood posts, stakes or piles. It does not need an external power supply and because of its weight and compact size, can be used by a single person. It can drive up to 500 posts with 1 litre of petrol making it economical and versatile to use.

2. Why should I buy a PDUK post/pile driver?

Its design is backed by 7 years of innovation and development. It's a quality piece of equipment, made with top quality materials, able to withstand continuous professional / commercial use.

PDUK post/pile driver saves time and money. It is the only petrol powered pile driver with real power and capacity to drive posts up to 136mm without pre-drilling the ground. Other pile drivers promise to drive posts up to 120mm but to achieve this they require the ground to be pre-drilled.

You can drive up to 500 posts saving up to 83% time over manual post drivers with as little as 1L of petrol.

Its power ensures that the posts remain fixed and do not need other additional supports.

3. What type and size of posts can the PDUK post/pile drivers handle ?

It can drive any variety of shaped wood/metal posts that will fit into the nozzle.

Optional reducers can be used to securely drive posts with smaller diameters, minimal effort and very good level of accuracy. With these versatile, removable plastic sleeves the PDUK-52 will drive steel or timber posts from 10mm to 52mm and the PDUK-82 from 65mm to 82mm in diameter. The PDUK-100 will drive thicker posts from 100mm to 136mm in diameter.

Upon request an optional driving cap can be customised to C, U, V, H, T or other shapes.

The length of posts/piles that it can handle and drive into the ground is only limited on the safe and stable positioning of the operator and the PDUK

4. Do the PDUK post/pile drivers require some kind of external power supply?

No, the PDUK drivers are powered by the powerful Honda GX35/50 engines and do not require any other external power supply. This makes them accessible to even the most difficult areas to reach.

5. How is the PDUK hand held post /pile driver used?

It is easy to use but ensure you read and follow the instruction manual to do so safely and without damaging the machine. Before using it the first time you will need to fill the Honda engine with oil. Ensure you use the correct recommended oil as per instruction manual. Also make sure you fill the fuel tank with un-leaded petrol and correct octane.

DO NOT MIX OIL WITH FUEL.

1. Place it on level ground and start the engine,
2. While the post is lying on the ground, place the nozzle securely over the post head .
3. Lift the machine and post into desired position and line machine with post
4. Hold the machine firmly and press the trigger on the handle to start beating the post.

The pile driver with its 1720 bpm will do the rest. Depending on the hardness of the ground and the type of post, you can set up a post in less than 10 seconds

6. Are replacement spare parts available?

At Pile Driver UK we understand that our machines are in continuous use, and cannot remain idle. For maintenance spare parts such as O-rings, we include a first pack completely free with your machine.

Also our manufacturer has a large quantity of spare parts in stock available, capable of reaching any part of the world in a maximum of 3/4 days via express delivery.

7. On which type of soil can't the PDUK drivers be used?

Posts can be driven in any type of soil, the only exceptions being rock, and cement or concrete floors, etc.

8. What kind of maintenance does the Post Driver require?

The maintenance depends on the time usage of the machine. Please consult the instruction manual where the time periods and the types of maintenance required are specified.

Detailed service requirements for the Honda engine are contained within its own manual

9. What does the warranty include?

Our machines are covered by a 1 year limited warranty (which includes commercial usage). It covers any failure of the machine due to design or fatigue of the material due to manufacturing defects, cracks or defects in the tempering of the metal.

The Honda engine is covered by a separate Honda warranty. Please refer to Honda instruction manual and official warranty terms.

10. What will make the warranty null and void ?

Our machines are certificated and designed to work only with original Honda engines. Any attempt to replace the engine with other makes or Honda copy models will void the warranty on the entire machine.

Any repair by an unauthorised agent or without obtaining authorisation from Pile Driver UK will invalidate the warranty of the PDUK post/pile driver.

11. When and to what does the warranty NOT apply?

The warranty does not apply to the PDUK post/pile driver if it has been misused, abused, dropped, improperly maintained, altered or repaired by an unauthorised person or damaged due to faulty installation of parts, faulty operation, or faulty maintenance.

It does not cover damage to components caused by operator error such as dry-fire or misfiring the machine while operating.

It does not cover components which may need replacement or repair due to normal wear and tear, or lack of proper use/maintenance. This includes : O rings and seals, lost or stripped fasteners, crank pin that is broken due to incorrect handling (left hand thread), and PDUK sleeves and accessories.

12. Who pays shipping costs when returning machine to manufacturer ?

In the unlikely event the PDUK post/pile driver needs to be sent to the manufacturer (Spain) the cost of shipping and postage will be borne by the customer.

Upon examination, if the cause of breakdown, damage or any problem is ascertained by the manufacturer to be covered by the warranty, and damaged or defective parts are deemed to be parts covered by the warranty then the cost of labour and parts will be borne by the manufacturer.

The shipping costs to return the machine to the customer, when repairs under the warranty have been carried out, will be borne by the manufacturer.

13. What makes our machines different ?

1. Our Post Drivers are 3 inches (80mm) shorter than most of our competitors models. This makes them easier to lift onto the post.

2. Our Post Drivers have been ergonomically designed with offset handles so the centre of gravity is directly on the post making them easier to hold and balance.

3. The vibration damping springs are encased inside the handles, preventing dirt contamination and so working better and longer.

4. The PDUK 82 boasts a large 82mm (3.25") diameter, quality steel, hammer head, weighing 2 kgs, backed by a large diameter piston, giving it the needed power for pounding larger diameter posts.

5. The models have been built with commercial users in mind so the castings and fixings have been made to withstand the forces and pressures of continual use.

6. All joints between castings have O rings seals engineered into the design to prevent lubricant escaping.

7. To achieve a longer working life and internal reliability, they have an aluminium piston and phosphor bronze bearings on the big ends and gudgeon pins. Too, the shaft between the clutch and the gearbox has a much superior quality seal.

And unlike their competitors, and the top and bottom halves are held securely together with 6 bolts not 4. Additionally all our bolts are secured with thread locker. All this makes them capable of withstanding constant vibration without any loosening.

14. Can the PDUKs install sign posts ?

Highway contractors working for the Department of Transport know just how fast our post drivers will drive sign posts into the ground. These O or U and square shaped posts can even be driven through tarmac and very hard, compacted, rocky soil without any problems.

15. Can they be used for installing Electrical Earthing Rods ?

Driving long grounding rods into the ground has always been difficult. With the PDUK this changes ! Using a special width reducing sleeve, to hold the rod securely (which can be ordered from us) inserted into the barrel of the PDUK52/82 , it quickly converts into an earth rod driver. The job can be done in a matter of seconds .

16. Can the PDUKS drive rebars ?

Yes they are ideal for this.

Often parking lots are bordered with concrete kerbs , logs , railway ties to control automobile parking. Similarly, hiking and biking trails and even river beds are bordered with logs for erosion control. These dividers are held in place by driving rebar through them and into the soil. With just a small pilot hole, the PDUKs using the right size sleeve adapter will drive rebars through the log and into the ground.

17. Can the PDUKs be used to install flexible road safety markers ?

Normally, curved flexible markers used to mark the sides of roads or highlighting bends are difficult to install. Yet by ordering and using a customised engineered driving cap from us, the PDUKs can easily instal this type of post in the packed gravel along the roadsides.

18. As sleeves/reducers come in a variety of sizes, when using the smaller sizes will I also need to use the other larger sleeves as well, or will it fit directly on the nozzle?

No. For the PDUK 52, 82 models you just need to insert the single sleeve into the nozzle

Sleeves of any size,(15, 25, 35, 60, 70 mm available), fit directly inside the PDUK-52 and PDUK-82 nozzles.

There is no need to use a retainer. No reducer sleeves are available for PDUK-100. Only the 136mm adapter is used which enlarges the PDUK-100 nozzle capacity

19. What sleeves or adapter do you recommend buying?

When a customer purchases the:

PDUK-52 it is recommended they also buy the 25mm sleeve.

PDUK-82 It is recommended they also buy the 60mm sleeve and the 25mm.

PDUK-100 It is recommended they also buy the 136mm metal enlarger adapter. There are no size reducers for this model.