

	TECHNICAL DATA SHEET PETROL POST DRIVER DPD-120, HONDA GX50	Document No.: Date: 15.04.2026
	BRAND: BYCON, INDEX: 1202150	Version 1.0

TECHNICAL SPECIFICATIONS:

- **Mini post driver:** DPD 120 GX 50 2.0 HP
- **Model:** Bycon DPD120 GX50
- **Equipment type:** Mini post driver for intensive installation work
- **Engine:** Honda GX50
- **Engine type:** four-stroke, air-cooled, with centrifugal clutch
- **Shaft orientation:** 0–360 degrees
- **Displacement:** 47.9 cm³
- **Bore x stroke:** 43 x 33 mm
- **Compression ratio:** 8.0 : 1
- **Max. power:** 1.47 kW (2.0 HP) / 7,000 rpm
- **Impact frequency:** 900–1,300 / min
- **Max. torque:** 2.2 Nm (0.22 kgf·m) / 5,000 rpm
- **Ignition:** electronic
- **Starting system:** manual (recoil)
- **Fuel tank capacity:** 0.63 l
- **Impact energy:** 35–65 J
- **Oil sump capacity:** 0.13 l
- **Dimensions (L x W x H):** 199 x 260 x 263 mm
- **Weight:** 24 kg
- **Intended use:** Soft and medium-hard ground
- **Diameter of compatible elements:** Up to 120 mm
- **Diameter of compatible elements with optional accessories:** Up to 150 mm

GX50 ENGINE FEATURES:

- **4-stroke engine** – no need to prepare a fuel-oil mixture; day-to-day operation is simpler and more predictable.
- **Universal operating position** – can be operated and stored in any position from 0 to 360 degrees
- **“Rotary-slinger” lubrication system** – ensures proper engine lubrication and long-lasting performance
- **Fuel consumption** – reduced fuel and oil consumption compared with 2-stroke engines
- **Rapid acceleration** – the carburettor accelerator pump delivers fast and smooth acceleration
- **Crankshaft stability** – ball bearings provide greater stability
- **Reduced vibration** – purpose-designed components reduce vibration, improving operator comfort

- **OHC belt-driven design** – reduces mechanical noise and produces quieter engine operation
- **Multi-chamber exhaust system** – the large exhaust system efficiently expels combustion gases

KIT CONTENTS:

- Bycon DPD120 mini post driver with Honda GX50 engine
- 120 mm driving cup
- Transport case
- Service tools
- User manual
- Equipment diagram
- **Adapter not included** (must be purchased separately to match the chosen profile size)

OPTIONAL EQUIPMENT:

Adapters for various profile types:

- steel
- wooden
- composite

APPLICATIONS:

The Bycon DPD120 GX50 is a mini post driver used for the rapid driving of piles, posts, channel sections and other structural elements into the ground.

This model is well suited to the installation of fences, gates, safety barriers and supporting structures for photovoltaic systems, as well as to construction work involving steel and wooden profiles. It enables a wide range of tasks to be carried out without resorting to heavier equipment. With optional accessories, different profile types can be driven using the same machine.

The fitted Honda GX50 engine delivers the impact energy and operating efficiency required in more demanding ground conditions.

