



**Central
Diesel**

The Engine, Pump & Power Co.

Product Specification

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Hatz

ID50Z (I09E)

Design

- Air cooled single-cylinder four stroke Diesel engines.
- Vertical cylinder.
- Crankcase in light alloy, diecast. Cylinder of grey cast iron.
- Cylinder head in light alloy.
- Crankshaft and big end in plain bearings.
- Direct injection, multi-hole nozzle.
- Value control by rocker, push-rods, tappets and camshaft.
- Pressure lubrication, with gear-type oil pump. On request, full-flow oil filter.
- Oil sump of sheet metal.
- Flywheel fan, charging alternator integrated into flywheel. No V-belt necessary.



Characteristics

- Demised: emission of noise reduced to the absolute minimum by means of design features and precision manufacture.
- Low fuel consumption.
- Favourable exhaust gas values – EPA / CARB certified.
- Robust: long life engine.
- Extensive interchangeability of parts within the engine family D .
- Reliable: no V-belts.
- Easy to service: automatic injection pump bleeding.
- Friendly to the environment: crankcase breather leads into the intake port.
- Reliable, effortless starting thanks to automatic extra fuel device.
- Hand start or electric start available.

Cylinder	1
Power (kW)	6.6 kW
Engine Displacement	0.517 ltr
Piston Displacement	31.5 cm ³
Dry Weight (Kg)	105 Kg
Length	343.5 mm
Width	463 mm
Height	532.5 mm