

A photograph of a red and grey TECOINSA Penetrometer TP-05.10D. The machine is mounted on a grey metal frame with a red fuel tank and a black engine. A red cylindrical component is mounted on top. A red control box is visible on the right side. The machine is parked on a paved surface in front of a green corrugated metal building. A yellow arrow points to a small white label on the bottom right of the machine's frame.

**TECOINSA**

**PENETROMETER**

**TP-05.10D**

**Dynamic automatic for DPSH test**



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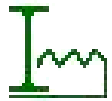
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EQUIPOS DE SONDEO S.A.

# Transport dimensions

- Length: 2320 mm
- High: 1430 mm
- Width: 1050 mm
- Weight: 938 Kg





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# Penetrometer



- Beating hammer : 63,5 Kg
- DPSH fall height: 75 ± 2 cm
- Admissible rod: 1000 mm
- Electronic beat counter.
- Graduated ruler for penetration control.
- Set of dynamometric wrenches for torque control.
- Exceeds: ISO 22476-2:2005



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# Chassis



- Machine mounted on rubber tracks.
- Speed of movement of caterpillars:
- Maximum inclination of the tracks:
- 3 hydraulic levelling.
- 7,35 kW Yanmar diesel engine.

3 Km/h

30%



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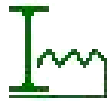
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# Complements



- With jaws for rod extraction.
- Centering rods.
- Includes box for tools and support rods.
- Centralized control panel.



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# Optional

- Beating hammer for the different tests that can be performed:
  - DPM with 30 kg hammer beating and maximum drop of 500mm.
  - DPH with 50 kg hammer beating and height of drop of 500 mm.
  - DPSH-A with 63.5 kg hammer beating and height of drop of 500 mm.
  - DPSH-B with 63.5 Kg hammer beating and maximum drop of 750 mm.
- Head rotation with hydraulic motor and swivel injection incorporated.
  - Rotational Torque: 784 Nm
  - Rotation speed : 70 rpm

