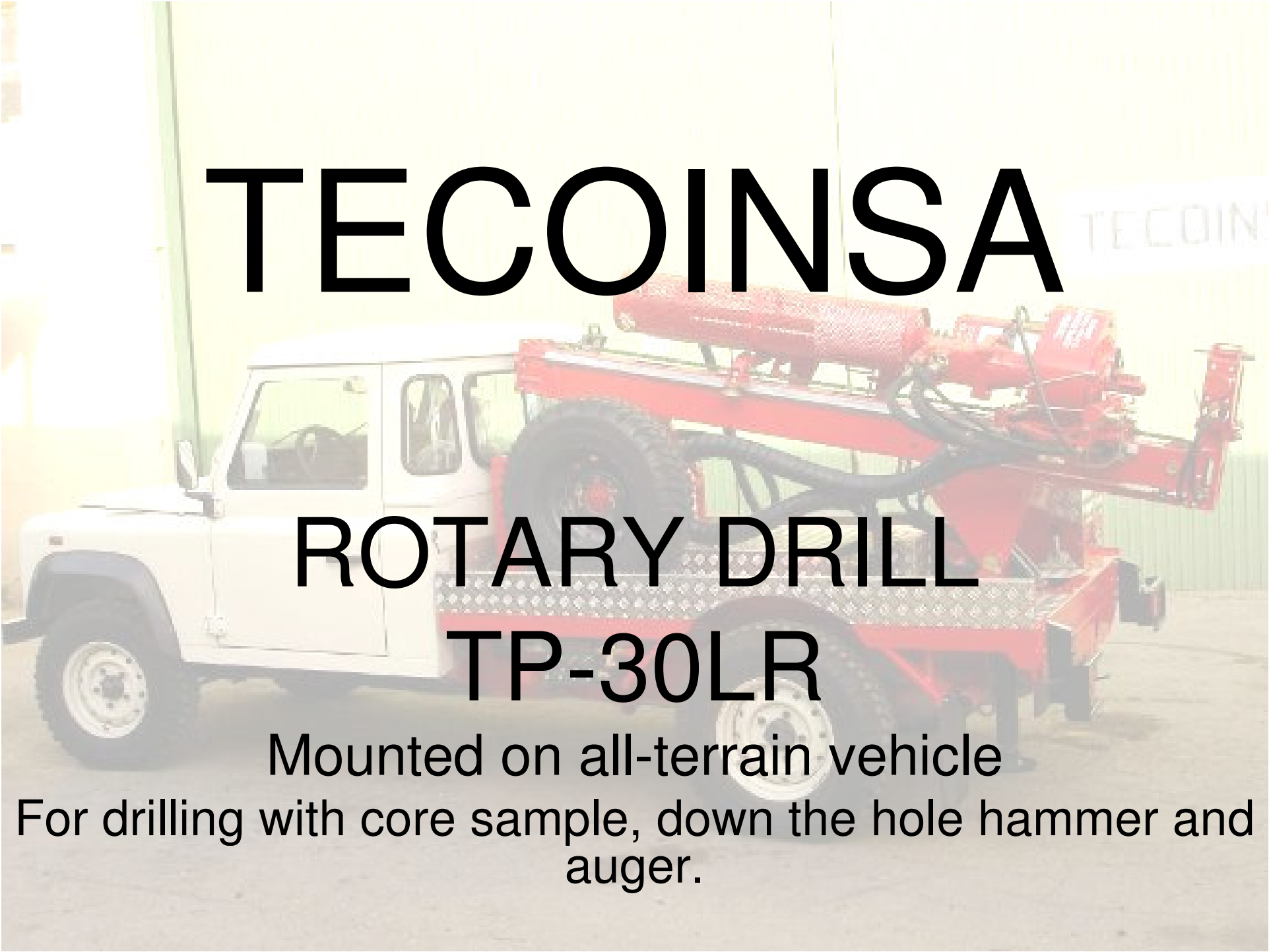




TECOINSA

ROTARY DRILL TP-30LR

Mounted on all-terrain vehicle

For drilling with core sample, down the hole hammer and auger.



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TÉCNICAS Y CONSTRUCCIONES INDUSTRIALES S.A.



TECOINSA

EQUIPOS DE SONDEO S.A.

Transport dimensions



- Length: 5450 mm
- Height: 2200 mm
- Width: 1800 mm
- Weight: 3350 Kg



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EQUIPOS DE SONDEO S.A.

Rotation head

- Type: CRTP-30
- Torque and rotation speed:
 - 1^a speed 0÷90 rpm 2328 Nm
 - 2^a speed 0÷184 rpm 1140 Nm
 - 3^a speed 0÷288 rpm 729 Nm
 - 4^a speed 0÷600 rpm 357 Nm
- Hydraulic clamp: Ø50
- Slide head.
- Have adapter for pipe coating.





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EQUIPOS DE SONDEO S.A.

Injection pump



- Model: YA 65
- Pistons number: 3
- Aspiration: 1"
- Impulsion: 1/2"
- Speed: 650 rpm
- Flow: 0-55 l/min
- Working pressure: 40 bar
- Driven by hydraulic motor.
- Equipped with pressure gauge and safety valve.



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EQUIPOS DE SONDEO S.A.

Retainer



- Diameter permissible: 30/130 mm
- Force: 5886 daN



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EQUIPOS DE SONDEO S.A.

Penetrometer - SPT



- Hammer weight: 63,5 Kg
- Fall height SPT: 760 mm
- Manual positioning.
- Electronic beat counter.
- Automatic start.



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EQUIPOS DE SONDEO S.A.

Mast

- Head run: 1700 mm
- Length: 2865 mm
- Push force: 1000 Kg
- Pull force: 2500 Kg
- Length of rod: 1500 mm
- The displacement of head along the mast is made through a chain of high-strength.





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Chassis

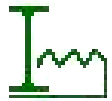


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EQUIPOS DE SONDEO S.A.

- Machine-mounted LAND ROVER model Defender 130
- Independent of the chassis frame of the vehicle, together with screws.
- 3 hydraulics leveling.





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Hydraulic



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EQUIPOS DE SONDEO S.A.



- The machine uses the vehicle's diesel engine.
- Power: 89,7 kW
- Torque: 300 Nm/1950 rpm
- Power supplied to the machine through PTO: 44 kW
- Used diesel tank vehicle.
- Oil tank capacity: 150 l.
- Electrical system: Battery 12 V 70 A
- Hydraulics pumps:
 - Pump P-1: 117 l/min variable flow
 - Pumps P-2+P-3: 42+24 l/min
- Centralized control panel.