



DIPSA

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OIL-PRESSURE PRESS

PRS



Azienda con sistema di gestione
per la qualità certificato
UNI EN ISO 9001:2000
Cert. N. 0011866



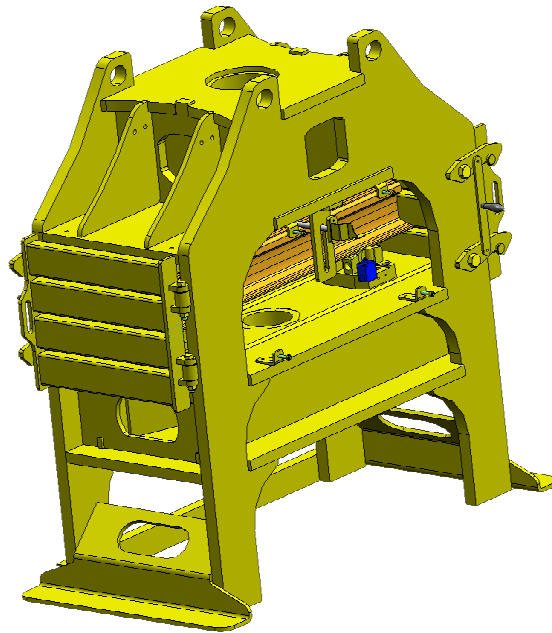
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OIL-PRESSURE PRESS

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The PRS is an oil-pressure press for carrying out bending tests on samples of flash-butt welded rails 1.5 m long, in accordance with CE.SI.FER. technical regulations "RFI TCAR ST AR 07 001 A f 32/35" for rails welded on site.

TECHNICAL SPECIFICATIONS

- the maximum adjustable pressure of 3.000 KN is exerted on the rail with a 60 x 60 mm square-section punch;
- the two rail supports, 1.000 mm apart, have a radius of 30 mm;
- the hydraulic power pack, with a 10-litre oil tank, has a three-phase 2.2 KW electric motor;
- the maximum cylinder stroke moves the punch 160 mm;
- the lateral hatches for introducing the rail and the front hatches which are very strong have double safety microswitches, so if the hatches are correctly closed the power pack won't start;
- a system that reads the stroke of the piston, visible to the operator externally, indicates the maximum envisaged bending of 35 mm;
- weight of the press, 4,000 kg.

OPTIONALS

- Rail safety hook that holds both sides of the rail to prevent sections being projected against the side doors and damaging the same in the case of breakage of the weld;
- Adjustable timer that measures the time the punch remains on the rail (at least 3 minutes) before automatically retracting the piston;
- Fixed microcamera that can be connected to a monitor in a portable case, so the operator can follow the dangerous bending phase in safety;
- Hoist arm with roller clamp to lift and unload rail sections and to introduce and remove the same from the test bed, so the machine can be used by just one operator;
- The relevant trolley can be used to position and remove the rail sections being tested, so the machine can be used by just one operator.