

ELECTRIC SD-10E

wooden sleeper drilling machine

1 - Accelerator

Accelerator lever fitted with safety switch to prevent accidental operation.

2 - Centrifugal clutch

Fitted with a centrifugal clutch; with the engine running at 'tick over' speed the drill bit is stationary. The accelerator controls the rotation of the drill bit.

3 - Operating handle

Handle will rotate through 90° for operator comfort.

4 - Emergency lever

Emergency lever for the immediate release of the drill bit.

5 - Shock absorbers

Shock absorbers fitted between the drive shaft and spindle, reduce the transmission of machine vibrations to the operator.

6 - Carrying handle

Carrying handle; also used for locating the drilling machine into the CS-SD trolley.

7 - Depth gauge

Depth Gauge; easy to operate using the graduated scale, for adjusting the depth of drilled hole.

8 - MND spindle

MND spindle, for automatically securing drill bits, with a 14 mm diameter shank.

9 - MND1 interchangeable spindle

MND1 interchangeable spindle: Available as an optional accessory. For automatically securing drill bits, with a 16 mm diameter shank.

10 - Safety guard

Safety guard: providing effective, total protection of the drill bit (325 mm). Spring loaded to guarantee the retraction of the drill bit from the sleeper on completion of the drilling operation, thereby minimising operator effort.

11 - Guard nozzle

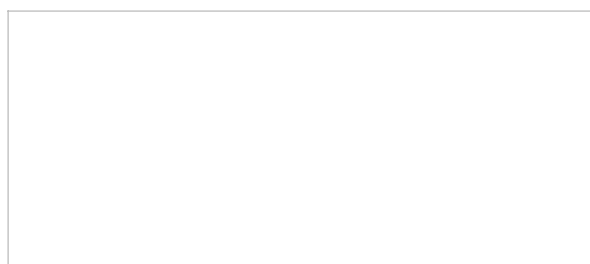
Interchangeable, Guard Nozzle TPM200-26, for locating into chairs and base plates, as commonly used on existing tracks.

12 - Engine

New engine conforming to "phase 2" of 97/68/CE, 2001/63/CE and 2002/88/CE directives.

13 - Forward/Reverse selector

Smooth change.





PROTECTION AND SAFETY AT WORK OF DRILLING MACHINES

ACOUSTIC NOISE (*Directive 2006/42/EC, annexe 1, point 1.7.4.2 letter u*)
Protection of workers against risks of exposure to noise during work.

- > The weighted continuous acoustic pressure level equivalent A at the work place L_{pA} is equal to 93,1 dB (A)
- > The maximum value of the weighted acoustic displacement pressure C at the work place L_{pCPeak} is equal to 130 dB (C)
- > The acoustic power level emitted by the machine L_{WA} is equal to 104,3 dB (A)

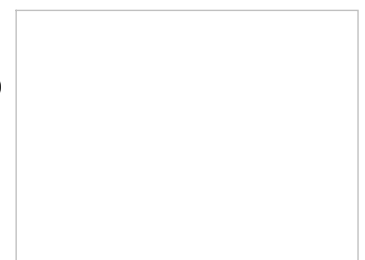
RISK DUE TO VIBRATION (*Directive 2006/42/EC, annexe 1, point 2.2.1.1*)

Tests carried out in compliance with the indications contained in **UNI ENV 25349** and **UNI EN 28662 part 1st Standards** and under operating conditions much more severe than those normally found, certify that **the weighted root mean square in frequency of the acceleration the upper limbs are exposed is 3,7 m/sec² max.**

APPLICATION OF WOODEN SLEEPER DRILLING MACHINE

Electric machine, purpose built for use with the support trolley CS-SD.

Easily combined with Support Trolley CS-SD

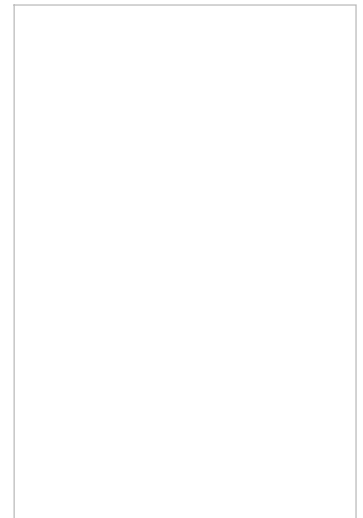




This new, patented unit has been designed and developed by Cembre, to provide optimum safety, both when using the drilling machine independently and with the machine fitted onto the trolley. Compact and lightweight, the unit can be positioned and operated by a single person.

Example of use on double crossovers.

The unit enables vertical holes to be drilled quickly and efficiently. If required, the angle of the Spindle Axis can be adjusted up to 5°. The unit can quickly and easily be removed from the track.



The unit is easily assembled and can comfortably be carried by a single operator.

 EN 13977  BT 2006/42/CE

ELECTRIC SD-10E

Technical characteristics

PROPERTIES

Patented	yes
Engine	single phase electric motor
Motor voltage	230 V
Motor frequency	50 Hz
Maximum diameter of the hole	25 mm
Max. drilling thickness	200 mm
Weight	18 kg



ELECTRIC SD-10E

On request

Storage

CASE VAL

Plastic case VAL P6

Steel case VAL SD

Accessories

- Tarpcover 026-SD

WOODEN SLEEPER DRILLING MACHINES MND1 - Interchangeable spindle MND1

Guard Nozzle TPM - Guard Nozzle TPM

Drill Bits

Drill bits PV - Drill bits PV

Products used together

Tools

SUPPORT TROLLEY CS-SD-TA - Support trolley CS-SD-TA

Support trolleys CS-SD - Support trolley CS-SD

In the same kit

Accessories

- Spindle MND

Range of tools #KIT SD-E - Range of tools #KIT SD-E

Alternative names for this product

DB SAP - DB SAP 773976

SNCF - SNCF 11003