

# PORTABLE DRILLING MACHINES FOR WOOD TIES TYPES SD-9P AND SD-10EY

## SD-9P TECHNICAL FEATURES:

**Engine:** two cycles engine  
**Displacement:** 48,6 cc  
**Power:** 1.9 HP/ 1.4 kW  
**Fuel:** 2% mixture  
**Starting:** by rope pull with automatic rewinding  
**Clutch:** centrifugal clutch with automatic intervention  
**Bit diameter range:** up to  $\varnothing$  25/32" \*  
**Max. drilling thickness:** 7 7/8"  
**Weight:** 39 lbs



The SD-9P and SD-10EY drilling machines are suitable for use with the CS-SD support trolley.

## SD-10EY TECHNICAL FEATURES:

**Engine:** single phase electric motor  
**Supply voltage:** 120 V / 60 Hz  
**Power rating:** 1.8 kW  
**Bit diameter range:** up to  $\varnothing$  25/32" \*  
**Max. drilling thickness:** 7 7/8"  
**Weight:** 38 lbs

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.

\* Depending on the type of the wood it is also possible to drill larger holes

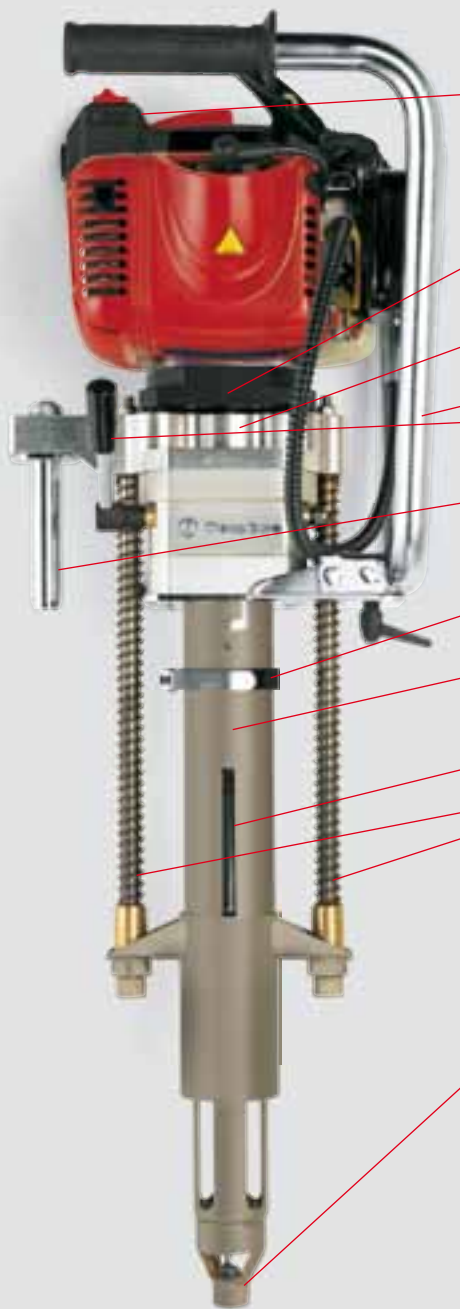
Example of use on double crossovers.



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

The **SD-9PCS** 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.

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## SD-9P and SD-10EY GENERAL FEATURES

- Accelerator lever fitted with safety switch, to prevent accidental operation.
- Fitted with a centrifugal clutch (only for SD-9P); with the engine running at 'tick over' speed the drill bit is stationary. The accelerator controls the rotation of the drill bit.
- Shock absorbers fitted between the drive shaft and spindle, reduce the transmission of machine vibrations to the operator.
- Handle will rotate through 90° for operator comfort.
- Emergency lever for the immediate release of the drill bit.
- Carrying handle. Also used for locating the drilling machine into the CS-SD trolley.
- Depth Gauge; easy to operate using the graduated scale, for adjusting the depth of drilled hole.
- Graduated scale enabling a fast and reliable check of the drilling depth.
- Spindle, for automatically securing drill bits.
- Safety guard: providing effective, total protection of the drill bit. Spring loaded to guarantee the retraction of the drill bit from the sleeper on completion of the drilling operation, thereby minimising operator effort.
- Interchangeable, Guard Nozzle TPM200-26, for locating into chairs and base plates, as commonly used on existing tracks.

### TPM...

Guard Nozzle for the moveable guard, interchangeable with the standard nozzle.

### VAL P6

Plastic case for storing the drill bits and standard accessories supplied with the machine. This case can be stored inside the drilling machine case.

### VAL SD

Robust steel case for storing the drilling machine and VAL P6 accessory case.

### TARPCOVER 026-SD

Protection cover manufactured in Polyethylene HDPE and UV resistant. Temperature range: -40°C to +70°C.



## AUGERS FOR CEMBRE TIE DRILLS

CEMBRE TYPE	DIAMETER IN INCHES (mm)	GUARD NOZZLE TPM...			
		Standard	Optionals (available on request)		
PV 7/16"	7/16" (11)	TPM 200-26	TPM 170-24	TPM 190-24	TPM 220-26
PV 140	9/16" (14)				
PV 160	5/8" (16)				
PV 170	43/64" (17)				
PV 180	11/16" (18)				
PV 190	3/4" (19)		TPM 170-24	TPM 190-24	
PV 200	25/32" (20)				
PV 210	13/16" (20)				
PV 220	7/8" (22)		TPM 170-24	TPM 190-24	

Contact Cembre for different applications, or for drilling operations, where an alternative size, end piece is required.