

## ATP S170 Register

### Bay 8

122	Bed from the Genevoise Drilling and Boring Machine	8S
134	Genevoise Drilling and Boring Machine	8N 10C
135	Societe Genevoise Hydroptic Jig Borer	8S 2C

**Total number of items: 3**

## ATP S170 Register



Name plate: 'SOCIETE GENEVOISE / GENEVE / SUISSE'.  
NSWG inventory ID: No. 1043 / NSWGR / Class X'.

1) 'Type PD-6a No. 143' 2) 'Representative / C. W. Done / Sydney'.

This item was regarded as the most impressive of the precision drilling and boring machines in the railway workshops. The machine was primarily used to allow the very accurate placement of holes into articles being machined, in the days before computer control. It consists of a portal which holds a very delicately balanced tool frame head and a stock holder which can be turned through any number of positions in the horizontal plan. It measures 310cm (L) x 230cm (W) x 260cm (H). The milling bed measures 102 x 150cm.

*Significance:*

This drill and borer is one of the component machines of the Eveleigh Railway Workshops Machinery Collection. It is primarily significant as one of the surviving machines installed in the workshops in the interwar period. It demonstrates the



This item belongs with item 135, the Genevoise Drilling and Boring Machine.

*Significance:*

See Genevoise Drilling and Boring Machine. This item has now been reinstated on that machine.



Name plate: SOCIETE GENEVOISE / GENEVE [GSIP symbol] SUISSE / MADE IN SWITZERLAND // Hydroptic.

NSWG inventory ID: No. 1284 / NSWGR / Class X.

1) 'Type: Hydroptic No. 642 T 68°F' 2) 'Supplied by/ The Mechanical Precision/ Equipment Company/ 8 Bridge Street/ Sydney' 3) 'DO NOT SCRAP / PROP. OF / NATIONAL TRUST'.

The Jig Borer consists of a portal which holds a very delicately balanced tool frame head and a stock holder which can be turned through any number of positions in the horizontal plane. The machine was primarily used to allow the very accurate placement of holes into articles being machined, in the days before computer control. The frame head moved vertically and the milling head horizontally. An additional head was installed to allow drilling at an angle. A Newall digipac controller is installed on the western side. The machine measures 260cm (L) x 210cm (W) x 260cm (H); the bed measures 260 x 95cm.

*Significance:*