

# rail **drilling** equipment



03-001

### Specification

Drilling: vertical or at an angle of 1 in 20  
 Spindle Speed (max): 1400rpm  
 Length of Auger: all standard lengths up to 305mm (12')  
 Drilling Capacity (max): 33mm (1 1/8") dia.  
 Drilling Speed: 2 seconds/hole  
 Petrol Engine: air cooled 4-stroke  
 Power Rating: 2.94kW (4hp) @ 2500rpm  
 Petrol Consumption: 1.3L/hr (0.29gal/hr)  
 Weight: *Trolley:* 35kg (77lb)  
*Without Trolley:* 85kg (187lb)  
 Dimensions:  
 2150 x 620 x 1250mm  
 (7' 0 3/4" x 2' 0 3/4" x 4' 0 1/4")  
 Total Weight: 124kg

### Geismar PT8 Sleeper Drilling Machine

The Geismar PT8 is essentially composed of an engine and a drilling head, supported on a four-wheel trolley. A large diameter tube connects the engine to the drilling head and serves as a frame and shield for the transmission shaft. Four arms are fitted for operation and handling of the machine. The four-wheel trolley makes it easy for one man to move it from one rail to another.

The machine has a high drilling capacity - a sleeper can be drilled in two seconds with an auger of standard size (13-18mm). The machine is also usually supplied with an auger holding chuck and a drilling guide of the desired type. The maximum drilling capacity is 33mm.

The guide holder is extremely rigid and can be adjusted to suit the length of the various augers used. Its narrow design feature allows precise drilling through any type of rail attachment.



03-002

### Specification

Length: 310mm  
 Width: 280mm  
 Height: 990mm  
 Weight: 13kg  
 Power Supply: 110v  
 Total Weight: 16kg

### Accessories

2 x 7.2mm Drill Bits  
 1 Chuck Key


### TM4000 OBH Rail Bond Hole Drill

A unique over rail bond hole drilling machine that simultaneously drills two 7.2mm holes at 76mm centres and 57mm from the rail bottom. The twin Hitachi 720W drills are fitted with right angled spindles to allow drilling in confined areas such as complex points and crossings, wing rails and check rails.

There are many safety and easy to use features built into the machine such as drilling is done whilst the operator is standing, the drills will only run if both the operator's hands remain on the handle and all electrics are double insulated to allow for wet weather use.

A spring assisted mechanism fully withdraws the drill bits on release of the handle.



Code	Description	Weight	Vibration
03-001	Geismar PT8	124.0kg	4.7M/s <sup>2</sup> 
03-002	TM4000 OBH	16.0kg	