

# clip applicators & extractors

## Geismar AP21 Rail Mounted Clip Applicator & Extractor (E Clip)

The Geismar AP21 is a hydraulic machine designed for the insertion and extraction of Pandrol clips, either "PR" or "e" series, Stedef clips "DSA" type and other similar clips.

The machine performs simultaneous extraction or insertion of two clips on both sides of the rail by pulling or pushing the clip buckles.

The main advantages of the system are:

- High Output
- Tools can be exchanged within a few minutes
- Work on wooden or concrete sleeper configuration
- All operating controls located on same side of frame, in easy reach of the operator
- Pressure is continuously applied, whatever the operation and without any operator's action
- Electrical switched return mechanism, increasing output whilst reducing operator fatigue

## Geismar AP11 Rail Mounted Clip Applicator & Extractor (Fastclip)

The Geismar AP11 is a petrol-driven machine designed for the insertion and extraction of Pandrol Fastclips.

The machine is fitted with a T6 head and performs simultaneous extraction or insertion of two fastclips on both sides of the rail.

The main advantages of the system are:

- High Output
- Tools can be exchanged within a few minutes
- Work on wooden or concrete sleeper configuration
- All operating controls located on same side of frame, in easy reach of the operator
- Pressure is continuously applied, whatever the operation and without any operator's action
- Electrical switched return mechanism, increasing output whilst reducing operator fatigue

Code	Description	Weight	Vibration
11-001	Hydraulic Spike Remover* (Hand held)	14.0kg	
11-004	AC-1 Rail Mounted Spike Remover	123.0kg	
11-005	Hydraulic Pandrol Clip Remover	71.0kg	15.0M/s <sup>2</sup>
11-006	Electric Pandrol Clip Remover	71.0kg	15.0M/s <sup>2</sup>
11-007	AP21 Applicator/Extractor (E Clip)	203.0kg	4.5M/s <sup>2</sup> ⊕
11-009	AP11 Applicator/Extractor (Fastclip)	167.0kg	4.5M/s <sup>2</sup>
11-014	Cembre Clipper Power Unit	63.0kg	2.5M/s <sup>2</sup>
20-051	E Clip Base	48.0kg	
20-052	Fastclip Base	66.0kg	

\*Requires Hydraulic Power Pack 04-004 to operate



11-007

### Specification

Output: 1700 clips/hr  
 Thrust (max): 31kN  
 Machine: 2250x600x1100mm  
 Weight (without trolley): 140kg  
 Trolley: 1700x600x330mm  
 Weight (trolley): 35kg  
 Total Weight: 203kg

11-014



11-009

### Specification

Engine: Honda-type GX160  
 Output (max): 1210 clips/hr  
 Thrust (max): 29kN  
 Machine: 2100 x 835 x 935mm  
 Weight (without trolley): 148kg  
 Weight (trolley): 34.5kg

### CONSUMABLES

Code	Description	Weight
21-001	2-Stroke Oil	1.0kg per litre
21-003	Petrol	0.9kg per litre