



Option 1



Option 2

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## SMARTWELDPETROL

Petrol – compressed air blower for preheating THERMIT® welds. The alternative solution to conventional preheating!

### Your Benefits

- = The SMARTWELDPETROL preheating blower supplies the heat energy needed for preheating rail ends with THERMIT® welding.

### Your advantages

- = It can be used for all welding processes of Elektro-Thermit.
- = It is ergonomic since it is no longer necessary to use heavy gas cylinders.
- = It has greater heat charging than the competitor's products which brings about a shorter preheating time.
- = SMARTWELDPETROL is more efficient than other products on the market.
- = It also can be used for working under ground level.

### Its Principle of Functioning

The 4-stroke benzine motor drives a blower via V-belt. The air suctioned through an air filter is compressed in it and pumped to the preheating burner through a compressed air hose. A branch current presses benzine from the benzine tank to the preheating burner through the benzine hose.

### Technical Data

#### Dimensions

(Option 1: without handles and wheels)

- = Length: 926 mm
- = Width: 404 mm
- = Height: 615 mm

#### Motor

- = Output: 4.2 KW / 5.7 PS at 4,000 min<sup>-1</sup>
- = Tank content: 3.6 l

#### Blower

- = Maximum pressure: 0.8 bar
- = Blower tank: content 8 l

1 complete set of petrol and compressed air hoses is supplied and a 30.594 model preheating burner for petrol / compressed air for each preheating blower.



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