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## 2 Safety

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### 2.2 Qualification of operating personnel

#### Owner's duties

- Only allow specifically authorized, trained and experienced persons to operate and perform maintenance on the power unit.
- Do not allow persons to be trained or instructed by anyone other than an authorized and experienced person.
- Have persons to be trained or instructed practice under supervision until they are familiar with the power unit and its behavior.
- Children and persons under the influence of alcohol, drugs or medicine are not allowed to access the power unit or operate it.
- Clearly and unequivocally define the responsibilities of the operating and maintenance personnel.
- Clearly and unequivocally define the responsibilities on the job site, also in view of traffic regulations.
- Give the operator the authority to refuse instructions by other persons that are contrary to safety.
- Have the power unit serviced and repaired only by a HCE service center.

#### Required knowledge of operator

- The operator is responsible for other persons.
- Avoid any operational mode that might be prejudicial to safety.
- The power unit may only be operated by authorized and safety-conscious persons who are fully aware of the risks involved in operating the power unit.
- The operator and owner are obligated to operate the power unit only in a safe and working condition.
- All persons working on or with the power unit must have read and understood the safety instructions in this Operator's Manual before starting work.
- Follow, and instruct the operator in, legal and other mandatory regulations relevant to accident prevention.
- Observe and instruct the operator in regulations regarding road traffic and environmental protection.
- Observe the national and regional regulations, standards and guidelines regarding accident prevention in connection with electrical systems, devices and their operation.

#### Preparatory measures for the operator

- In order to ensure safe work, check the power unit before starting it.
- Tie back long hair and remove all jewelry.
- Wear close-fitting work clothes that do not hinder movement.

### Working near non-electric supply lines

- Before performing any work, the operator must check whether there are any non-electric supply lines in the job site.
- If there are non-electric supply lines, the operator must take safety measures (switching off the supply line, for example) in agreement with the operating company or owner of the supply lines.
- If supply lines are exposed, they must be fastened, supported and secured accordingly.

### Behavior during thunderstorm

- Stop work if a thunderstorm is gathering, put down the power unit, stop, secure and leave it, and avoid being near it.

### Noise

- Observe the noise regulations (applications in enclosed premises, for example).
- Bear in mind external sources of noise (compressed-air hammer, concrete saw).
- Before starting work, get informed on the noise level of the power unit/attachment (adhesive label, for example) – wear ear protectors.
- Do not wear ear protectors during machine travel on public roads/sites.

### Cleaning

- Injury hazard from compressed air and high-pressure cleaners.
  - Wear appropriate protective clothes.
- Do not use any dangerous and aggressive detergents.
  - Wear appropriate protective clothes.
- Operate the power unit only in a clean condition.
  - Keep the control elements and indicators clean.
  - Keep the safety, warning and information labels clean, and replace damaged and missing labels by new ones.
- Perform cleaning work only if the engine is stopped and cooled down.
- Bear in mind sensitive components and protect them accordingly (for example electronic control units, relays).

### 3 Introduction

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Notes:

## Starting the power unit

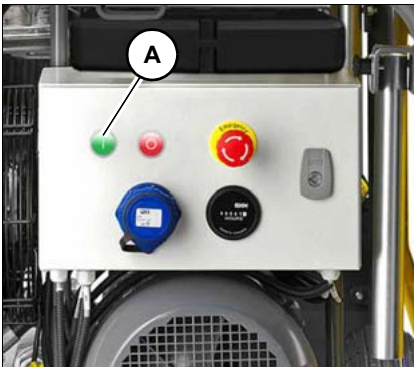


Fig. 37

### 7.5 kW version

Press start button **A** until the power unit runs.

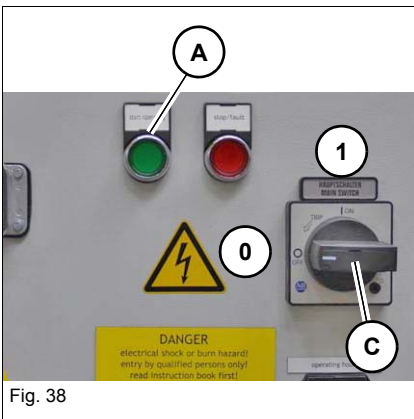


Fig. 38

### 9 kW version

1. Turn main switch **C** clockwise to position **1**.
2. Press start button **A** until the power unit runs.

## Stopping the power unit

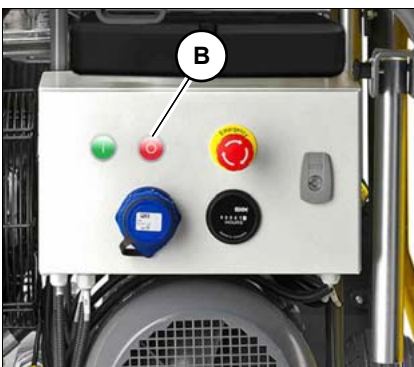


Fig. 39

### 7.5 kW version

Press stop button **B**.

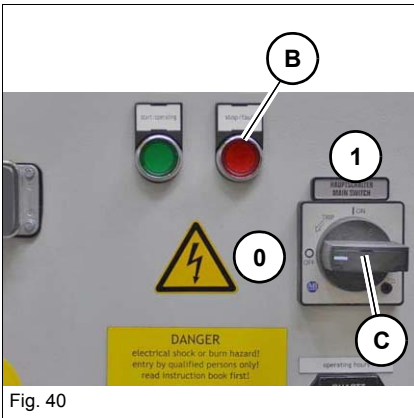


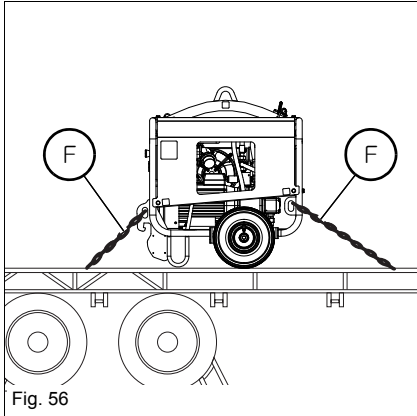
Fig. 40

### 9 kW version

1. Press stop button **B**.
2. Turn main switch **C** anticlockwise to position **0**.

## 6 Transportation

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3. Firmly fasten the power unit on the loading area at the four tie-down points **E** with slings **F** of appropriate size. Observe the legal regulations.
4. Ensure that the driver of the transport vehicle knows the overall height, width and weight of his transport vehicle (including the power unit) before moving off, and the legal transportation regulations of the countries where transportation is taking place.

## 7.7 Electrical system

### Important information regarding the electrical system

Maintenance and repair work on the electrical system may be performed only by a HCE service center!

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#### **DANGER**

##### **Death hazard due to electric shock!**

The electrical system is energized and can cause serious injury or death.

- ▶ The control box may only be opened by the certified electricians of a HCE service center.
  - ▶ Keep the control box key in a place that is not accessible by the operator.
- 

### Checking the indicator lights

Check the indicator lights once a day.

#### **Green indicator light:**

Starting the power unit

- The green indicator light must illuminate.

#### **Red indicator light:**

Press the emergency off button.

- The red indicator light must illuminate.
- 



#### **Information**

Do not put the power unit into operation if one or more indicator lights are malfunctioning. Have malfunctioning indicator lights immediately replaced by a HCE service center.

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