



EN

Retrofit option

ON TC 55

Tool box for mounting to trolley Trolley 55-5

099-002899-EW501

Observe additional system documents!

20.03.2017

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General instructions

WARNING



Read the operating instructions!

The operating instructions provide an introduction to the safe use of the products.

- Read and observe the operating instructions for all system components, especially the safety instructions and warning notices!
- Observe the accident prevention regulations and any regional regulations!
- The operating instructions must be kept at the location where the machine is operated.
- Safety and warning labels on the machine indicate any possible risks. Keep these labels clean and legible at all times.
- The machine has been constructed to state-of-the-art standards in line with any applicable regulations and industrial standards. Only trained personnel may operate, service and repair the machine.
- Technical changes due to further development in machine technology may lead to a differing welding behaviour.



In the event of queries on installation, commissioning, operation or special conditions at the installation site, or on usage, please contact your sales partner or our customer service department on +49 2680 181-0.

A list of authorised sales partners can be found at www.ewm-group.com.

Liability relating to the operation of this equipment is restricted solely to the function of the equipment. No other form of liability, regardless of type, shall be accepted. This exclusion of liability shall be deemed accepted by the user on commissioning the equipment. The manufacturer is unable to monitor whether or not these instructions or the conditions and methods are observed during installation, operation, usage and maintenance of the equipment. An incorrectly performed installation can result in material damage and injure persons as a result. For this reason, we do not accept any responsibility or liability for losses, damages or costs arising from incorrect installation, improper operation or incorrect usage and maintenance or any actions connected to this in any way.

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The content of this document has been prepared and reviewed with all reasonable care. The information provided is subject to change; errors excepted.

1 Safety instructions**1.1 For your safety****⚠ WARNING**

Do not carry out any unauthorised repairs or modifications!

To avoid injury and equipment damage, the unit must only be repaired or modified by specialist, skilled persons!

The warranty becomes null and void in the event of unauthorised interference.

- Appoint only skilled persons for repair work (trained service personnel)!



Risk of accidents due to non-compliance with the safety instructions!

Non-compliance with the safety instructions can be fatal!

- Carefully read the safety instructions in this manual!
- Observe the accident prevention regulations and any regional regulations!
- Inform persons in the working area that they must comply with the regulations!



This document is valid only in combination with the operating instructions for the product being used!

- ***Read and observe the operating instructions for all system components, especially the safety instructions!***



Obligations of the operator!

The respective national directives and laws must be complied with when operating the machine!

- ***Implementation of national legislation relating to framework directive 89/391/EEC on the introduction of measures to encourage improvements in the safety and health of workers at work and associated individual guidelines.***
- ***In particular, directive 89/655/EEC concerning the minimum safety and health requirements for the use of work equipment by workers at work.***
- ***The regulations applicable to occupational safety and accident prevention in the country concerned.***
- ***Setting up and operating the machine as per IEC 60974.-9.***
- ***Brief the user on safety-conscious work practices on a regular basis.***
- ***Regularly inspect the machine as per IEC 60974.-4.***

2 Intended use**2.1 General****⚠ WARNING**

Hazards due to improper usage!

The machine has been constructed to the state of the art and any regulations and standards applicable for use in industry and trade. It may only be used for the welding procedures indicated at the rating plate. Hazards may arise for persons, animals and material objects if the equipment is not used correctly. No liability is accepted for any damages arising from improper usage!

- The equipment must only be used in line with its designated purpose and by trained or expert personnel!
- Do not improperly modify or convert the equipment!

⚠ CAUTION

Install no more than one tool box per Trolley!

Installing more than one tool box can cause the Trolley to topple and injure people.

These instructions apply only for the conversion of the following machines:

- Phoenix 355 Expert 2.0 puls MM TKM
- Phoenix 355 Progress puls LP/HP MM TKM
- Phoenix 355, 405, 505 Progress Puls MM TDM
- Picomig 355, 355 puls TKG
- Taurus 355 Basic TDM/TKM
- Taurus 355 Synergic LP/HP MM TKM
- Taurus 355, 405, 505 Synergic MM TDM
- Taurus 405, 505 Basic TDM

All in combination with Trolley 55-5 only.

2.2 Short description of the working steps required

- Preparing the Trolley.
- Installing the tool box on the Trolley.

3 Conversion

3.1 Parts list

Before conversion, check that the retrofit kit is complete (see parts list).

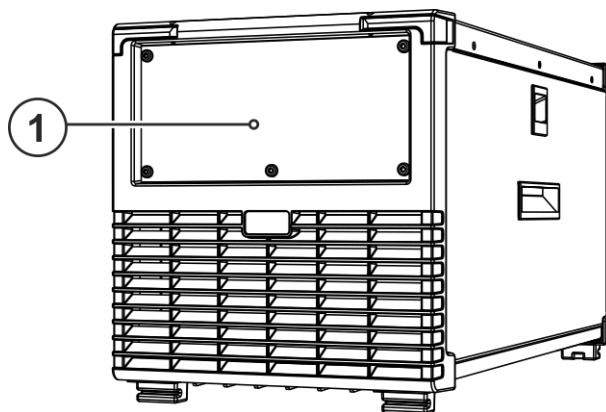


Figure 3-1

| Item | Quantity | Description | Item number |
|------|----------|---------------------------------------|------------------|
| 1 | 1 | Tool box for mounting to Trolley 55-5 | 092-002899-00000 |

3.2 Preparing the Trolley

- Unscrew the front and rear holding plate BK210X73X10,5 from the Trolley.
- These two holding plates will not be required any more.
- Unscrew the front holding plate BK260X84X9,5 from the Trolley.

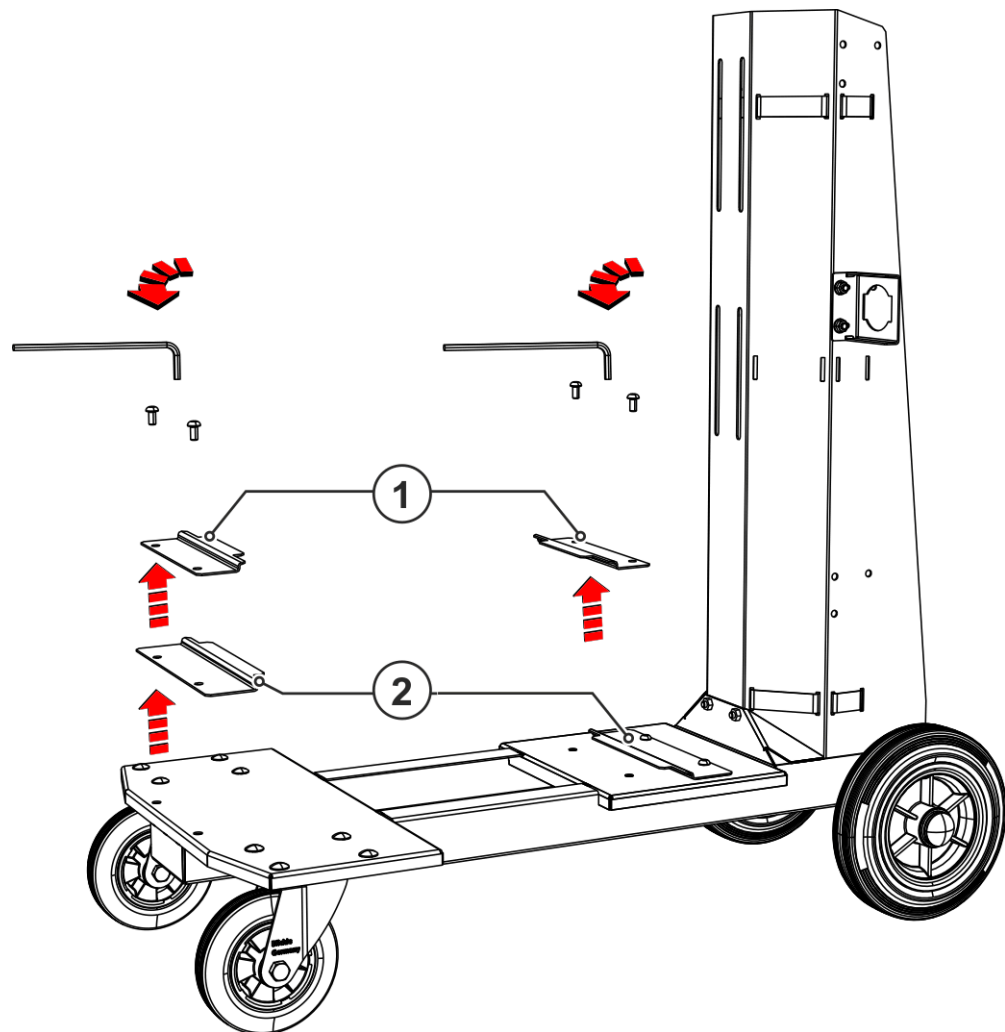


Figure 3-2

| Section | Designation |
|---------|-----------------------------|
| 2 | Holding plate BK210X73X10,5 |
| 3 | Holding plate BK260X84X9,5 |

3.3 Installing the tool box on the Trolley

The tool box can be installed to open on the left or right hand side.

- Place the tool box onto the Trolley.
- Slide the tool box into the rear holding plate.

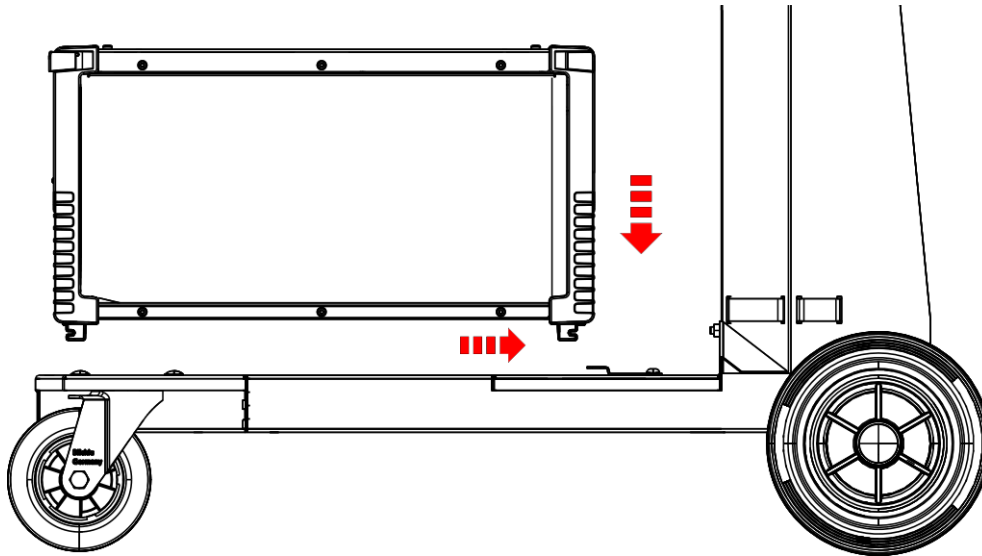


Figure 3-3

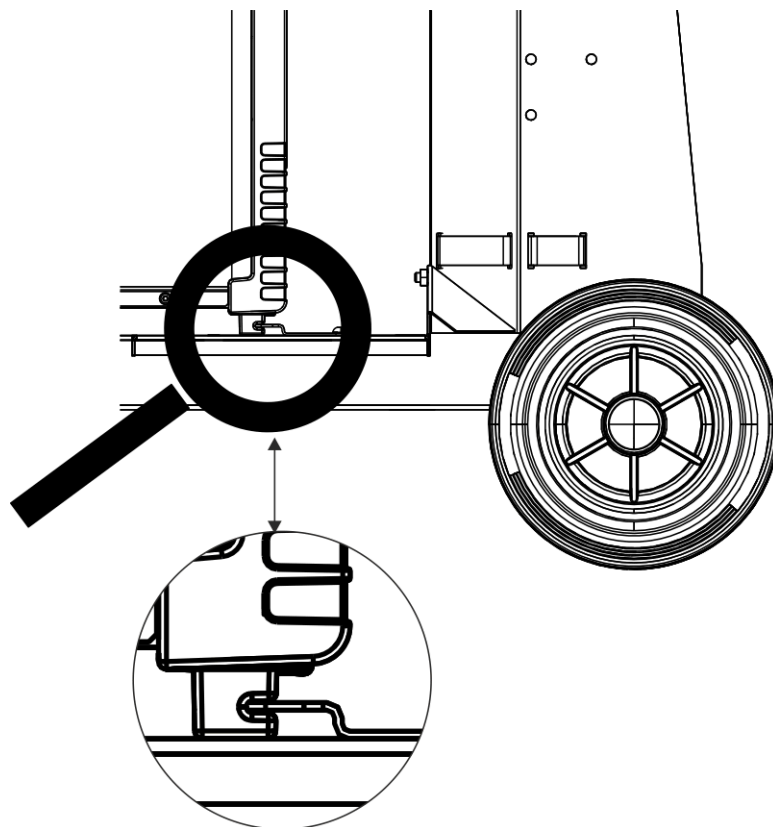


Figure 3-4

- Slide the front holding plate BK260X84X9,5 into the machine feet of the tool box.
- Screw the front holding plate BK260X84X9,5 to the Trolley.

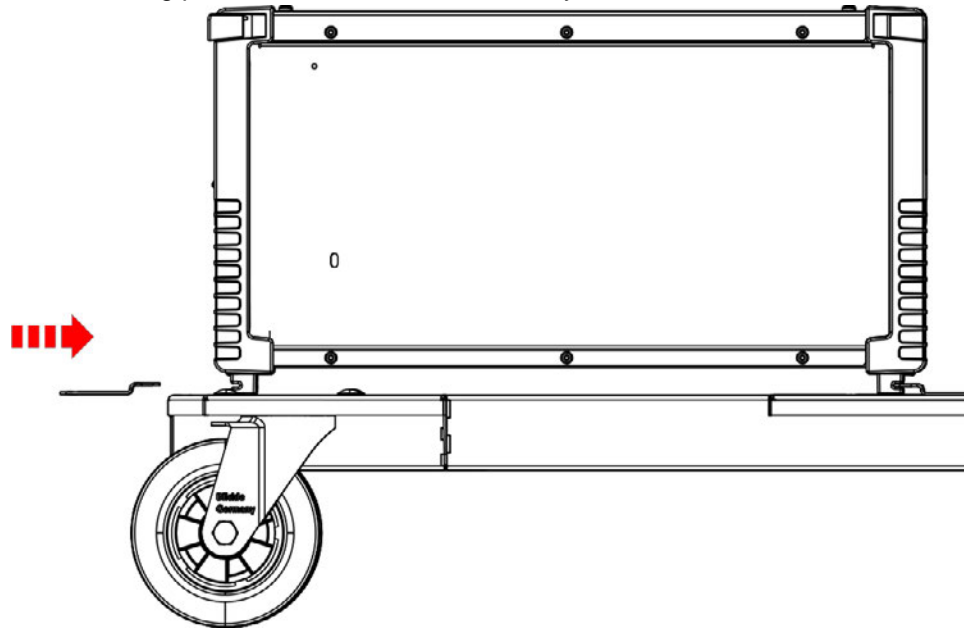


Figure 3-5

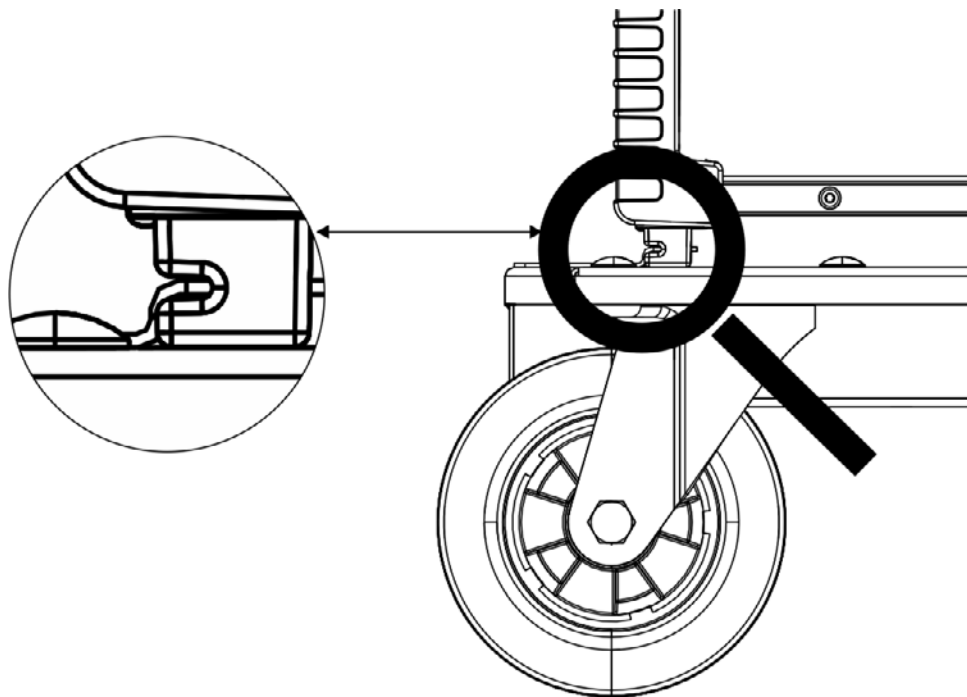


Figure 3-6

4 Final inspection

⚠ WARNING



Danger due to failure to carry out the final inspection!

Parts that are incorrectly fitted or that become loose are a source of danger.

- Check all mechanical connections to ensure that they are fitted correctly!
- Carry out the final inspection!
- Carry out the functional test!



Keep the conversion instructions with the machine documentation!

When ordering spare parts, ensure that the item number and serial number of the machine are quoted!

Technical data

Installing the tool box on the Trolley



5 Technical data

| | |
|-------------------------------------|-----------------|
| Dimensions (L x W x H) in mm | 610 x 298 x 329 |
| Weight without accessories | approx. 13 kg |