

Crane arm

KA-3 / KAN-3 / KAT-3 / KAT-5

Produktion/ David-Röntgen-Str. 27-33
Liefersadresse 48703 Stadtho
Verwaltung Schützenweg 64, 48703 Stadtho
Telefon 02563/9328-0 Telefax - 25
E-Mail info@rms-rotherm.de
Internet www.rms-rotherm.de



KAT

INSTRUCTION MANUAL

05/2004

RMS Rotherm Maschinenbau GmbH • Postfach 1403 • 48695 Stadtlohn

Produktion/ Liefersadresse **David-König-Str. 27-33
48703 Stadtlohn**
Verwaltung **Schützenweg 64, 48703 Stadtlohn**
Telefon **02563/9328-0** Telefax - 25
E-Mail **info@rms-rotherm.de**
Internet **www.rms-rotherm.de**

Contents

1. GENERAL INFORMATION.....	3
1.1 Legend.....	3
2. BASIC SAFETY INSTRUCTIONS	3
3. TECHNICAL DATA.....	4
3.1 Versions.....	4
3.2 Load diagram for KAN.....	4
3.3 Load diagram for KAT.....	5
4. PRODUCT DESCRIPTION	5
4.1 Mechanical design	5
4.2 Use and intended purpose.....	5
5. OPERATION	5

1. GENERAL INFORMATION

This instruction manual applies to crane arms of types KA-3 / KAN-3 / KAT-3 // KAT-5. It contains all the information necessary for troublefree operation. The instructions and references contained in this manual must be observed and followed.

When the product is used in conformity with its intended purpose as set out in the instruction manual, we will accept liability in accordance with our warranty conditions.

This instruction manual should be kept in a safe place. It is intended for reference in practical use and should be available to the user at the point of use.

The product must not be modified, extended or converted without the manufacturer's consent. No liability whatsoever can be accepted for modifications which have not been approved by the manufacturer; all warranty rights are extinguished in such cases.

1.1 Legend



"Warning"

This symbol draws attention to potential hazards which pose a danger to health.



"Ban"

This symbol draws attention to hazards which pose a direct threat to people.



"Information"

This symbol draws attention to important information on correct use of the machine / product.

2. BASIC SAFETY INSTRUCTIONS

Everyone working with the product must be fully familiar with the contents of the instruction manual.



It is prohibited as a matter of principle to remain under a suspended load. It is therefore prohibited to enter the working area while the crane arm is raised!



If the crane arm can be telescoped or adjusted in height, care must be taken to ensure that all socket pins are secured with a split-pin before the crane arm is used.

3. TECHNICAL DATA

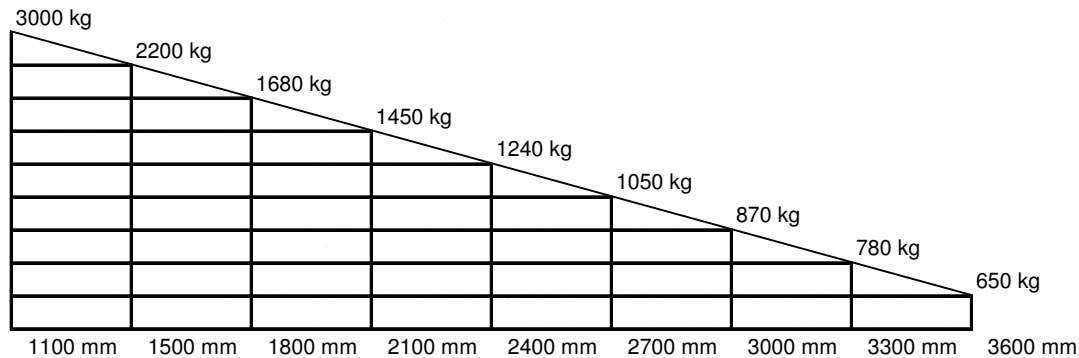
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3.1 Versions

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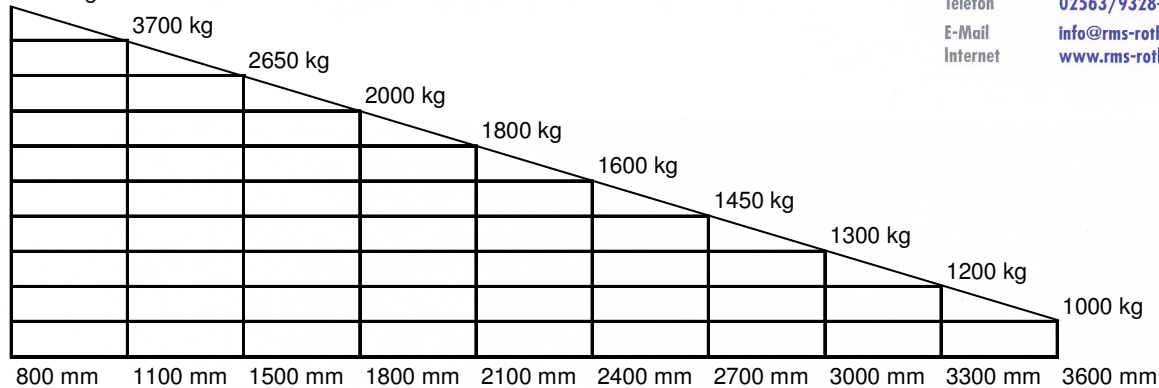
Type	Version	Length (mm)	Weight (kg)	Load capacity (kg)
KA-3	Non-telescoping 1 hook Height not adjustable	2000	130	2000
KAN-3	6 telescoping positions 2 hooks Height not adjustable	2000-3700	190	650-3000
KAT-3	6 telescoping positions 2 hooks 5 adjustable heights up to 45°	2000-3700	200	650-3000
KAT-5	6 telescoping positions 2 hooks 5 adjustable heights up to 45°	2000-3700	247	1000-5000

3.2 Load diagram for KAN



3.3 Load diagram for KAT

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5000 kg



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4. PRODUCT DESCRIPTION

4.1 Mechanical design

The crane arm comprises the following elements:

- Robust steel construction of hollow and rolled sections, in accordance with accident prevention regulations
- With fork entry pockets
- Swivel safety hook

4.2 Use and intended purpose

- The crane arm is designed and built to lift loads which can only be attached from above, such as when installing and removing machine parts.
- The load diagram affixed to the crane arm must be observed.
- **Note:** The load capacity of the fork lift truck must be observed.

5. OPERATION

1. Advance the fork tines into the **fork entry pockets**.
2. Remove the bolt to adjust the length of the crane arm, then refit the bolt and split pin to secure it in position. Only possible with types KAN-3, KAT-3 and KAT-5.
3. Remove the bolt to adjust the height of the crane arm, then refit the bolt and split pin to secure it in position. Only possible with types KAT-3 and KAT-5.

