

ILLUSTRATED PARTS CATALOG - IPC

EQUIPMENT NAME: UNIVERSAL CARTMOB

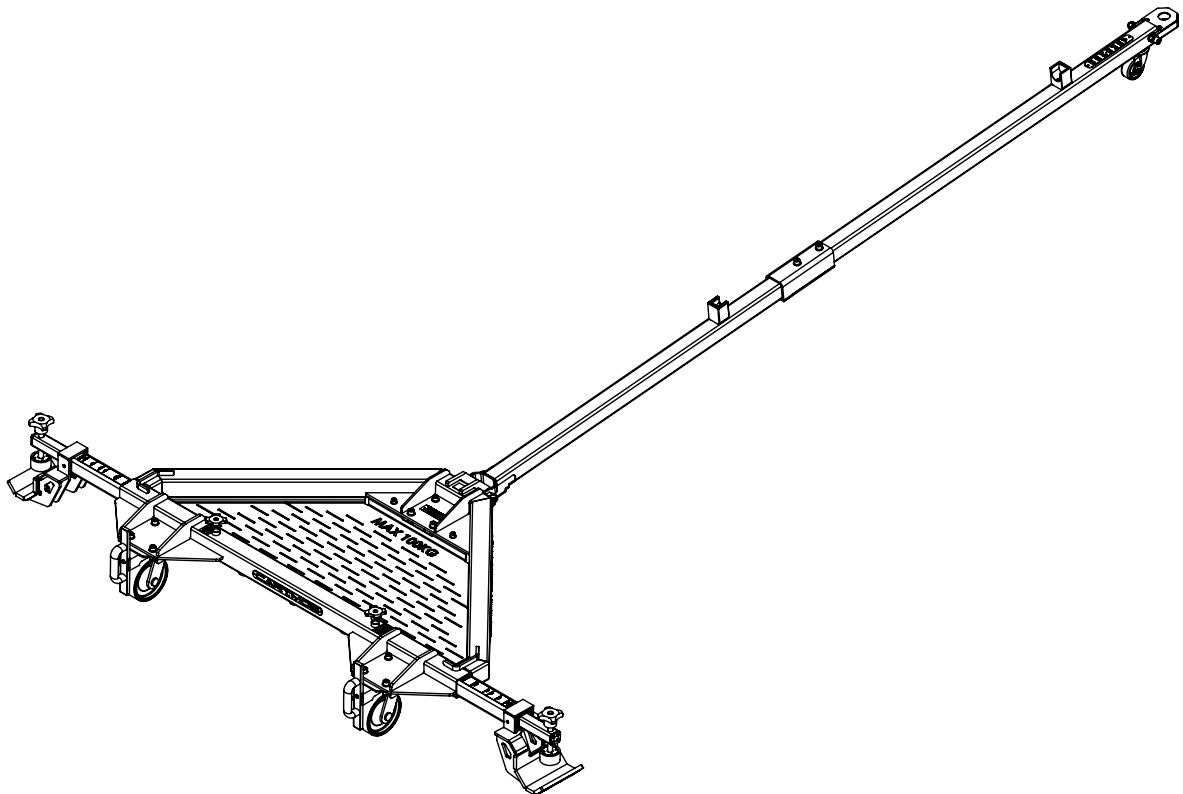
USE APPROVED FOR AIRCRAFTS:

AIRBUS H120, AIRBUS H125, AIRBUS H130, AIRBUS H135, AIRBUS H145, ROBINSON R44, ROBINSON R66, LEONARDO AW09, LEONARDO AW119, MD500, MD600, MD900, MD920, BELL 206JR, BELL 206LR, BELL 505, BELL 407, BELL 429

EQUIPMENT PART NUMBER: AM-CRT-K02

EQUIPMENT MANUFACTURER:

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89218-325
Costa e Silva
Joinville/SC – Brazil
www.aeromob-industry.com



The Illustrated Parts Catalog (IPC) must be used to identify parts and component replacement request. The IPC should never be used as a component removal, installation and maintenance procedure.

This catalog is intended to be used in conjunction with the equipment Maintenance Manual (MM).

The catalog features:

1. A table of contents listing the chapters;
2. An isometric view of the equipment with emphasis on the set shown in the chapter;
3. An exploded view of each equipment set and its respective list of components;
4. The numbering of the pages is composed initially by the number of the chapter and followed by chapter page number.

PART DESIGNATION

AEROMOB parts are designated using the following code:

AM-HDM-135-S01

AM: AEROMOB

HDM: Product family line of the equipment

135: the equipment model

S01: part-specific code.

The Part Number used to designate standard commercial parts such as screws, bearings and similar parts vary, according to the necessary specification in each item. In some cases, manufacturers codes are also used.

AEROMOB special tools are designated with an "FM" prefix, keeping then the identification code of the equipment to which it is applied.

PART AVAILABILITY

"YES" indicates the part is available as a separate replacement item.

"NO" indicates that the part is no longer available or is only available as part of a set.

ABBREVIATIONS

IPC – Illustrated Parts Catalog

BICR - Bichromated CL - Class

DISP - Parts availability SS - Stainless steel

HS - Hexagon socket WS - Worm shaft

TS - Top Shaft

INTRODUCTION

WARRANTY

AEROMOB applies the standard 1-year warranty on parts and components purchased from AEROMOB or an authorized dealer.

RETURNS

No unused parts may be returned to AEROMOB for credit if the parts show any indication of wear or damage, or if the cost of the individual part is less than \$25 (US). Parts returned within 30 days of purchase will be valued at a 20% restocking fee. No part may be returned after 30 days without AEROMOB's prior approval. Any parts approved for return after 30days will be evaluated at a 50% restocking fee.



www.aeromob-industry.com/support-am-crt-k02

INTRODUCTION

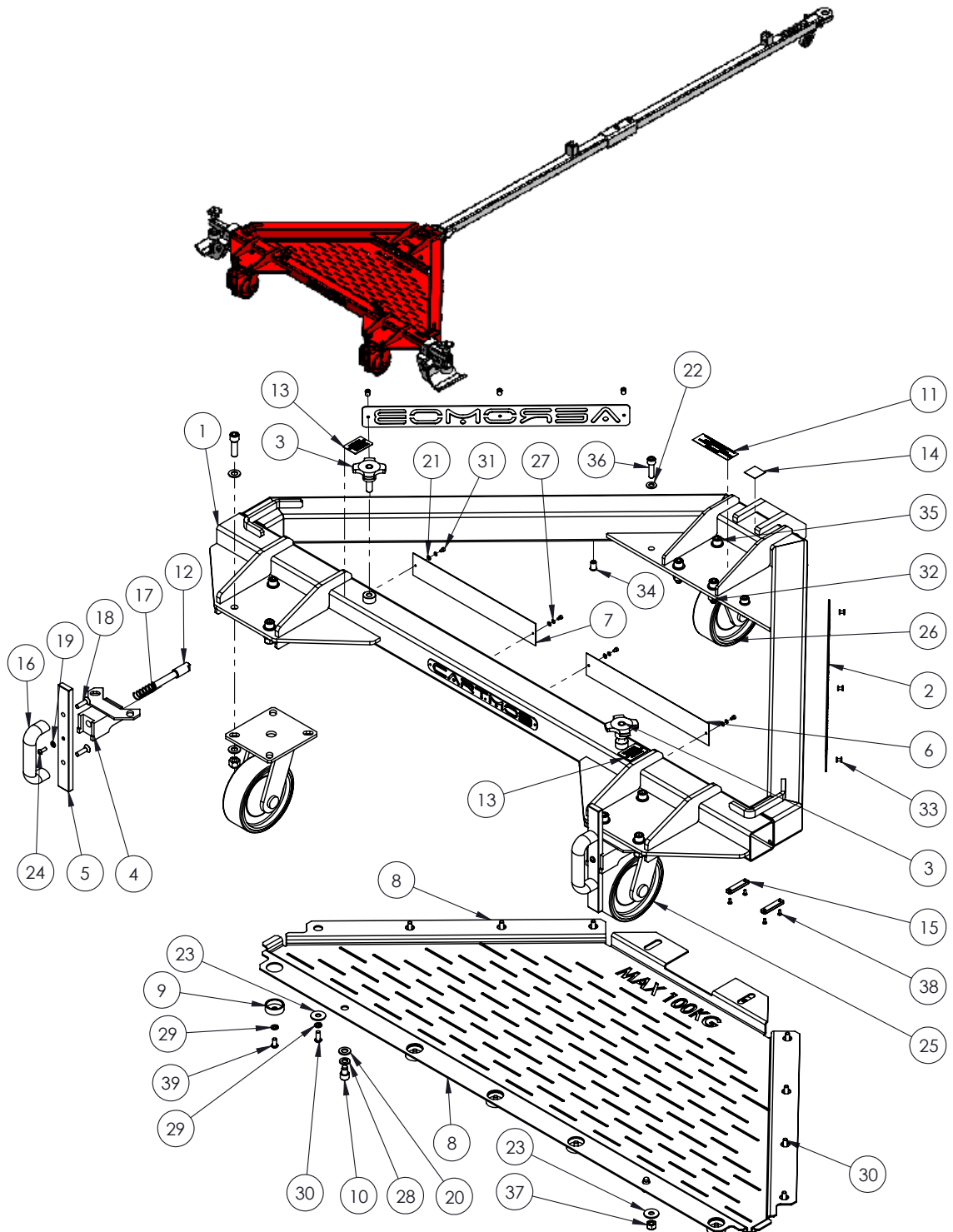
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1 FRAME STRUCTURE

ASSEMBLY

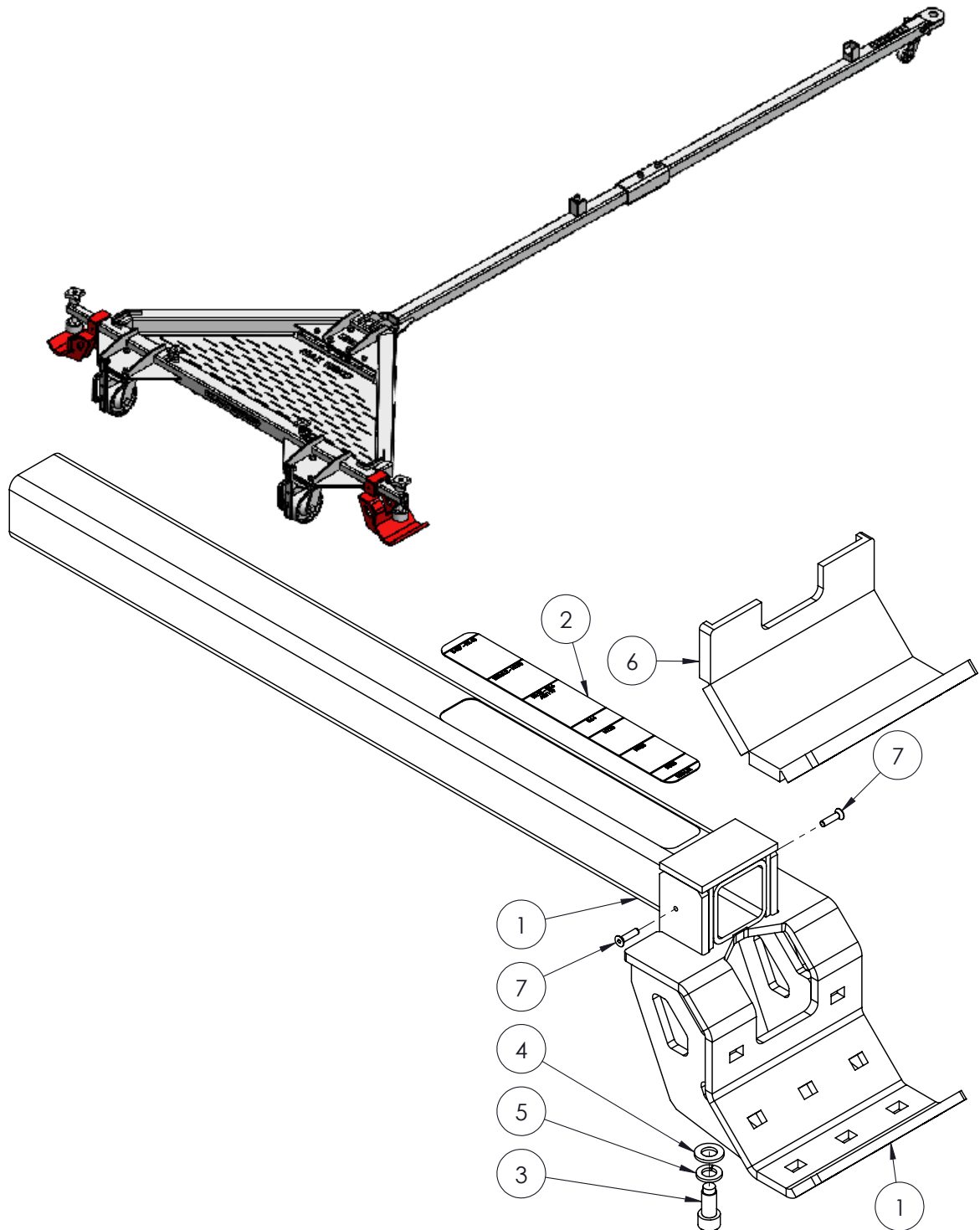


LIST OF PART NUMBERS

<u>POS</u>	<u>ACTIVE PN</u>	<u>DESCRIPTION</u>	<u>QTY. IN THIS DRAWING</u>	<u>QTY. EQUIPMENT</u>	<u>EFF.</u>	<u>AVAIL</u>
1	AM-CRT-S01	WELDED STRUCTURE	1	1	---	---
2	AM-CRT-005	AEROMOB PLATE	2	2	---	---
3	AM-CRT-S06	WELDED KNOB M12X25	2	2	---	---
4	AM-CRT-S08	WELDED PIN BEARING	2	2	---	---
5	AM-CRT-074	SIGNALLING STICK	2	2	---	---
6	AM-CRT-039	LOCK ID PLATE	1	1	---	---
7	AM-CRT-040	UNLOCK ID PLATE	1	1	---	---
8	AM-CRT-050	BASE SUPPORT 80Kg	1	1	---	---
9	AM-CRT-053	BUSHING COVER	5	5	---	---
10	AM-CRT-056	SPECIAL SCREW	2	2	---	---
11	AM-CRT-069	ID PLATE	1	1	---	---
12	AM-CRT-073	LOCK PIN	2	2	---	---
13	AM-CRT-098	TAG	2	2	---	---
14	AM-CRT-125	QR CODE	1	1	---	---
15	AM-CRT-130	RUBBER COVER	2	2	---	---
16	CA137 M8	ABS HANDLE	2	2	---	---
17	MC 1,2X15X30	COMP. SPRING Ø1,2 x Ø15 x 40 mm	2	2	---	---
18	DIN7991 M8X30	SS - HEX SOCKET COUNTERSUNK HEAD CAP SCREW M8 x 30	4	4	---	---
19	INOX DIN125 M6	SS - FLAT WASHER M6	2	2	---	---
20	INOX DIN125 M12	SS - FLAT WASHER M12	26	26	---	---
21	INOX DIN125 M4	SS - FLAT WASHER M4	4	4	---	---
22	INOX DIN125 M10	SS - FLAT WASHER M10	2	2	---	---
23	INOX DIN9021 M10	SS - LARGE FLAT WASHER M10	10	10	---	---
24	INOX DIN7380 M6X16	SS- HS BUTTON H SCREW M6 X16	2	2	---	---
25	GMK62PFE	SWIVEL WHEEL 6" LOCK	2	2	---	---
26	GMR62PFE	SWIVEL WHEEL 6"	1	1	---	---
27	INOX DIN127 M4	SS - SPLIT LOCK WASHER M4	4	4	---	---
28	INOX DIN127 M12	SS - SPLIT LOCK WASHER M12	2	2	---	---
29	INOX DIN127 M8	SS - SPLIT LOCK WASHER M8	13	13	---	---
30	INOX DIN7380 M8X20 CL5.8	SS - HEX SOCKET BUTTON HEAD SCREW M8 x 20 CLASS 5.8	8	8	---	---
31	INOX DIN912 M4X6	SS - HS H CAP SCREW M4 x 6	4	4	---	---
32	INOX DIN982 M12	SS - SELF LOCKING NUT M12	12	12	---	---
33	REB POP 4.8X12	POP RIVET 4,8 - Range 6,4mm - 8mm	6	6	---	---
34	REBR M8X18	RIVET NUT M8 x 18	8	8	---	---
35	DIN912 M12X40	SS - HS H CAP SCREW M12 x 40	12	12	---	---
36	INOX DIN912 M10X35	SS - HS S H CAP SCREW M10x35	2	2	---	---
37	INOX DIN982 M10	SS - SELF-LOCKING NUT M10	2	2	---	---
38	INOX DIN7991 M4X10	SS - HS COUNTERSUNK HC SCREW M4X10	4	4	---	---
39	INOX DIN7380 M8X16 CL5.8	SS - HEX SOCKET BUTTON HEAD SCREW M8 x 16 CLASS 5.8	5	5	---	---

2 CLAW ARM

ASSEMBLY



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CARTMOB – ILLUSTRATED PARTS CATALOG

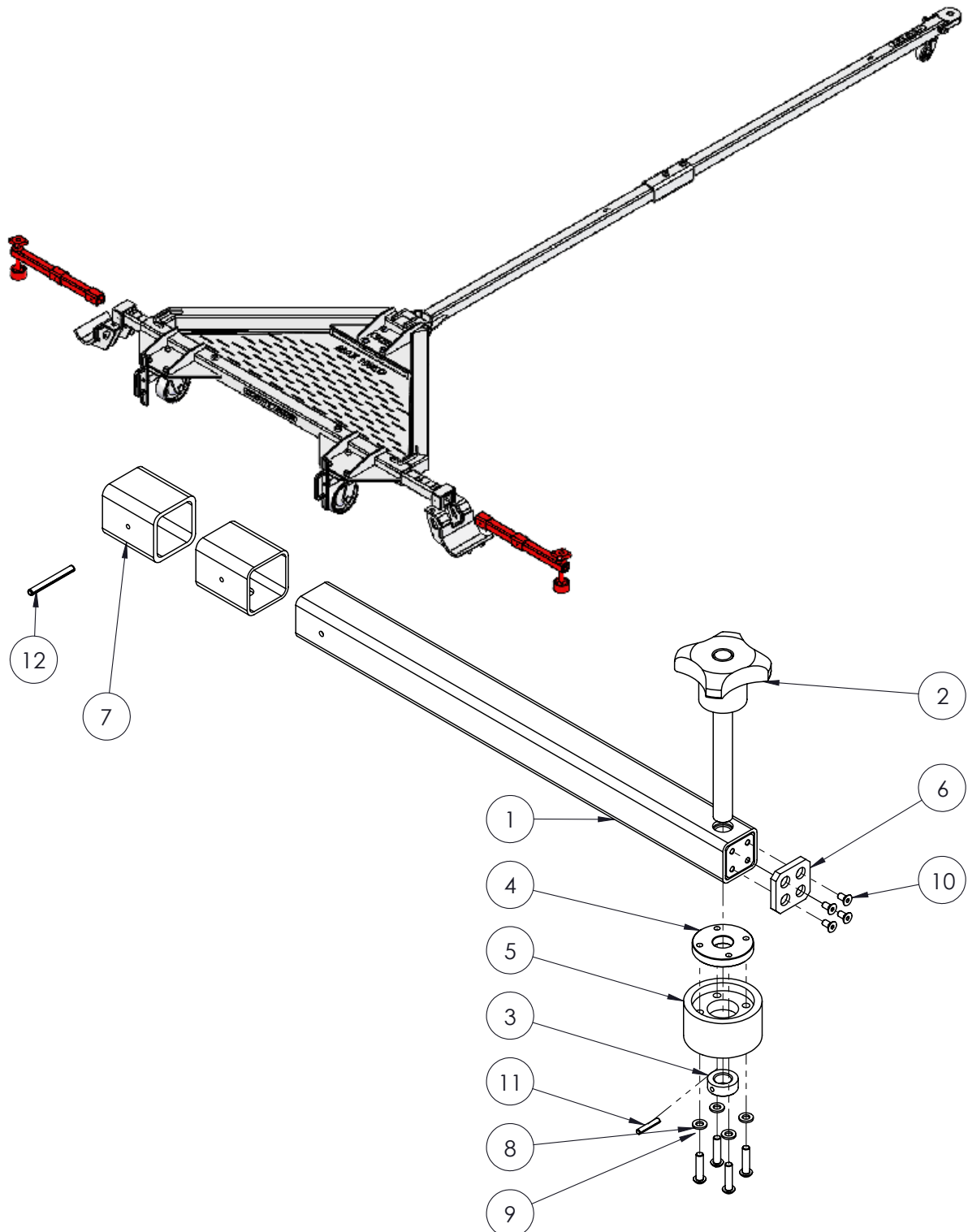
IPC-AM-CRT-K02

LIST OF PART NUMBERS

<u>POS</u>	<u>ACTIVE PN</u>	<u>DESCRIPTION</u>	<u>QTY. IN THIS DRAWING</u>	<u>QTY. EQUIPMENT</u>	<u>EFF.</u>	<u>AVAIL</u>
1	AM-CRT-S02-RH	RIGHT WELDED GUTTER	1	1	---	---
2	AM-CRT-009	SKID ID	1	2	---	---
3	AM-CRT-055	SPECIAL SCREW	1	2	---	---
4	INOX DIN125 M12	SS - FLAT WASHER M12	1	2	---	---
5	INOX DIN127 M12	SS - SPLIT LOCK WASHER M12	1	2	---	---
6	AM-CRT-070	GUARDING GRAB	1	2	---	---
7	INOX DIN 7991 - M5 X 20	SS - HS COUNTERSUNK HC SCREW M5X20	2	4	---	---

3 LOCKING ARM

ASSEMBLY



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CARTMOB – ILLUSTRATED PARTS CATALOG

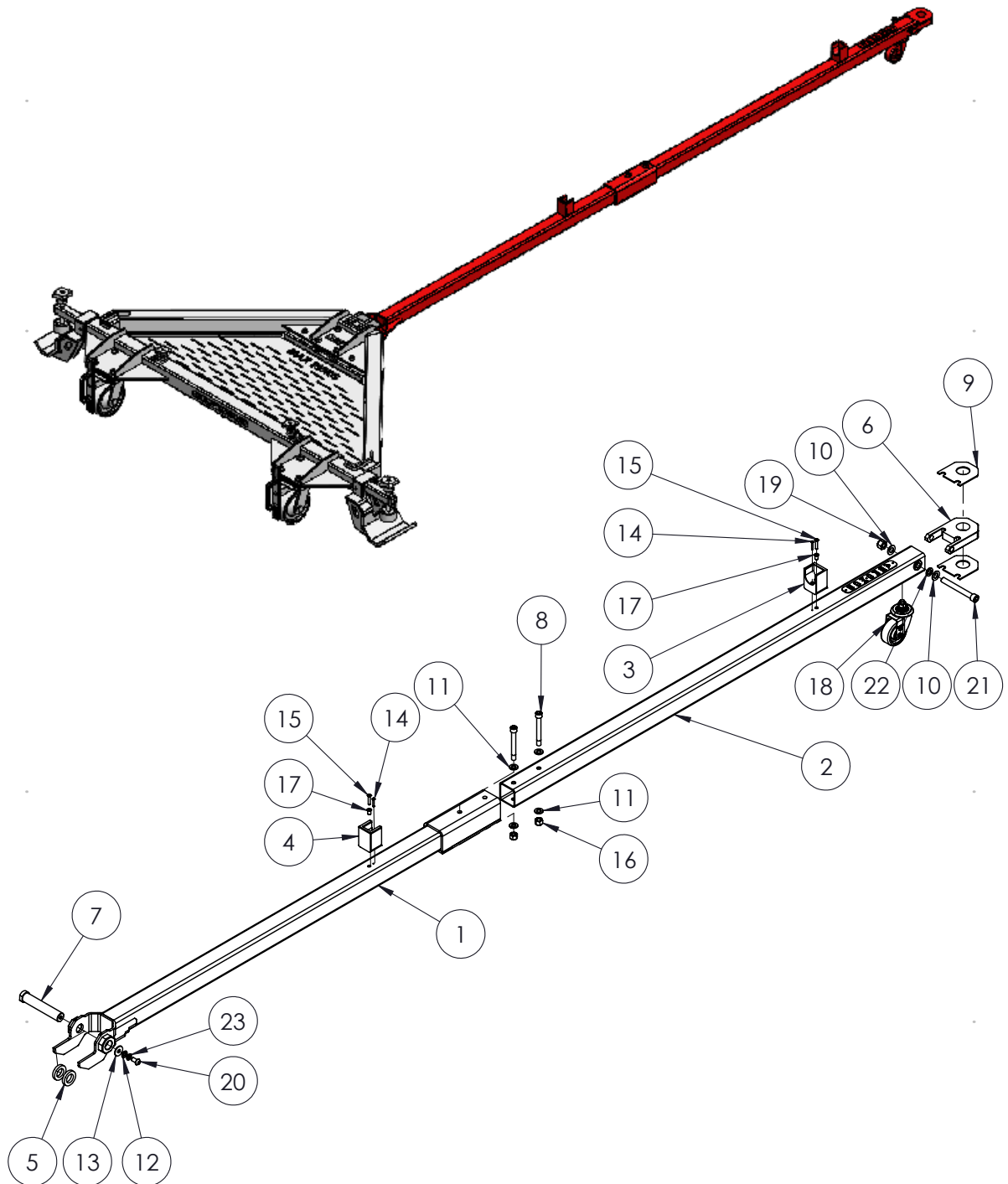
IPC-AM-CRT-K02

LIST OF PART NUMBERS

<u>POS</u>	<u>ACTIVE PN</u>	<u>DESCRIPTION</u>	<u>QTY. IN THIS DRAWING</u>	<u>QTY. EQUIPMENT</u>	<u>EFF.</u>	<u>AVAIL</u>
1	AM-CRT-145-S03	WELDED SKID ARM	1	2	---	---
2	AM-CRT-145-S07	WELDED KNOB SCREW M16X120	1	2	---	---
3	AM-CRT-145-024	LOCK NUT	1	2	---	---
4	AM-CRT-145-027	SPECIAL WASHER	1	2	---	---
5	AM-CRT-145-031	SKID SUPPORT	1	2	---	---
6	AM-CRT-145-038	SLIDING TUBE COVER	1	2	---	---
7	AM-CRT-145-054	SLIDE BUSHING	1	2	---	---
8	INOX DIN125 M6	SS - FLAT WASHER M6	4	8	---	---
9	DIN7380 M6X25	SS - HS BUTTON H SCREW M6 x 25	4	8	---	---
10	INOX DIN7991 M5X8	SS - HS COUNTERSUNK HC SCREW M5 x 8	4	8	---	---
11	DIN1481 4X24	SPRING PIN Ø4 x 24 mm	1	2	---	---
12	DIN1481 5X50	SPRING PIN Ø5 x 50 mm	1	2	---	---

4 TOWBAR

ASSEMBLY



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CARTMOB – ILLUSTRATED PARTS CATALOG

IPC-AM-CRT-K02

LIST OF PART NUMBERS

<u>POS</u>	<u>ACTIVE PN</u>	<u>DESCRIPTION</u>	<u>QTY. IN THIS DRAWING</u>	<u>QTY. EQUIPMENT</u>	<u>EFF.</u>	<u>AVAIL</u>
1	AM-CRT-S12	PRIMARY BAR	1	1	---	---
2	AM-CRT-S13	SECONDARY BAR	1	1	---	---
3	AM-CRT-047	SUPPORT 1	1	1	---	---
4	AM-CRT-048	SUPPORT 2	1	1	---	---
5	AM-CRT-087	SPACE WASHER	2	2	---	---
6	AM-CRT-107	EYEPLATE	1	1	---	---
7	AM-CRT-110	SHAFT	1	1	---	---
8	AM-CRT-112	SPECIAL SCREW	2	2	---	---
9	AM-CRT-113	EYEPLATE COVER	2	2	---	---
10	INOX DIN125 M14	SS- FLAT WASHER M14	2	2	---	---
11	INOX DIN125 M12	SS - FLAT WASHER M12	4	4	---	---
12	INOX DIN125 M10	SS - FLAT WASHER M10	1	1	---	---
13	INOX DIN9021 M10	SS - LARGE FLAT WASHER M10	1	1	---	---
14	INOX DIN7380 M4X25	SS - HS BUTTON H SCREW M4 x 25	2	2	---	---
15	DIN7380 M6X30	SS - HS BUTTON H SCREW M6 X30	2	2	---	---
16	INOX DIN982 M12	SS - SELF-LOCKING NUT M12	2	2	---	---
17	REBR M6X15	BICR RIVET NUT M6 x 15	2	2	---	---
18	GLE.312.PE	SWIVEL WHEEL 3"	1	1	---	---
19	INOX DIN982 M14	SS - SELF LOCKING NUT M14	1	1	---	---
20	INOX DIN7380 M10X20	SS - HS BUTTON H SCREW M10X20	1	1	---	---
21	BICR DIN912 M14X120 CL12.9	SS - HEX SOCKET HEAD CAP SCREW M14 x 120 CL 12.9	1	1	---	---
22	INOX DIN127 M14	SS - SPLIT LOCK WASHER M14	1	1	---	---
23	INOX DIN127 M10	SS - SPLIT LOCK WASHER M10	1	1	---	---