

MAEDA SEISAKUSHO CO., LTD.

1095 Onbegawa, Shinonoi, Nagano City
Nagano 388-8522, JAPON
TEL +81-(0) 26-292-2228
FAX +81-(0) 26-293-8499
<http://www.maesei.co.jp/english/index.html>



DECLARATION CE DE CONFORMITE DE MACHINE

Le Fabricant

Nom de société: Maeda Seisakusho Co., Ltd.
Adresse: 1095 Onbegawa, Shinonoi, Nagano City
Nagano, 388-8522 JAPON

Le Représentant européen

Nom de société: Kranlyft UK Ltd.
Adresse: Unit 1, IO Centre, Cabot Park, Avonmouth, Bristol BS11 0QL Angleterre
Tél +44 117 938 7205

Déclare par la présente que la machine décrite ci-dessous:

Produit: Mini-grue sur chenilles
Modèle: LC785M-8B (puissance kW = 41.0)
Serial Number: 32347
Année de Construction: 2016

- Est en conformité avec les directives suivantes:

La directive machines 2006/42/EC
Les deux derniers chiffres de l'année dans laquelle le marquage CE était apposé sont 12

- Est en conformité avec les provisions suivantes

" Directive de basse tension 2006/95/EC "
" Directive CEM 2004/108/EC "
" Directive d'émissions sonores dans l'environnement des matériels destinés à être utilisés
à l'extérieur des bâtiments 2000/14/EC, modifiée par la Directive 2005/88/EC"
- Niveau de puissance acoustique mesuré = 95.7 dB LWA
- Niveau de puissance acoustique garanti = 101 dB LWA

Et déclare en outre que:

- Les (parties / clauses des) normes harmonisées suivantes ont été appliquées:

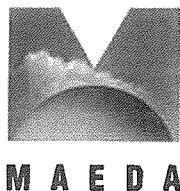
EN ISO12100-:2010	Sécurité des machines - Principes généraux de conception - Evaluation et réduction des risques
EN60204-1:2006	Sécurité des machines - Equipement électrique des machines - Partie 1: Exigences générales
EN13000:2010 (Reference)	Grues - Grues mobiles
EN61000-6-2:2005	Compatibilité électromagnétique (CEM) - Partie 6-2: Normes génériques - Immunité pour les environnements industriels
EN61000-6-4:2007	Compatibilité électromagnétique (CEM) - Partie 6-4: Normes génériques - Emission pour les environnements industriels
EN ISO3744:1995	Acoustique. Détermination de niveaux de puissance acoustique émis par les sources de bruit à partir de la pression acoustique. Méthode d'expertise dans des conditions approchant celles du champ libre sur plan réfléchissant

Place: Nagano, Japon

Date: 17 juin, 2016

Kazutaka Kitada

Directeur Général / Département machines industrielles
MAEDA SEISAKUSHO CO., LTD.



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EC DECLARATION OF CONFORMITY OF THE MACHINERY

Manufacturer

Company Name: Maeda Seisakusho Co., Ltd.
Address: 1095 Onbegawa, Shinonoi, Nagano City
Nagano, 388-8522 JAPAN

European Representative

Company Name: Kranlyft UK Ltd.
Address: Unit 1, IO Centre, Cabot Park, Avonmouth, Bristol BS11 0QL England
TEL +44 117 938 7205

Hereby declares that the machine described below:

Product Name: Telescoping Crawler Crane
Model: LC785M-8B (kW rating = 41.0)
Serial Number: 32347
Year of Manufacture: 2016

- is in conformity with the following directives

Machinery Directive 2006/42/EC

The last two digits of the year in which the CE-marking was fixed are 12

- is in conformity with the following provisions

" Low Voltage Directive 2006/95/EC "

" EMC Directive 2004/108/EC "

" Noise emission in the environment by equipment for use outdoors Directive 2000/14/EC,
amended by the Directive 2005/88/EC"

Measured sound power level = 95.7 dB LWA

Guaranteed sound power level = 101 dB LWA

- And furthermore declares that:

- The following (parts/clauses of) harmonized standards have been applied:

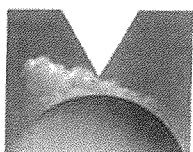
EN ISO12100-2:2010	Safety of machinery – General principles for design – Risk assesment and risk reduction
EN60204-1:2006	Safety of machinery – electrical equipment of machines – Part 1: General requirements
EN13000:2010 (Reference)	Cranes – Mobile cranes
EN61000-6-2:2005	Electromagnetic compatibility (EMC) – Part 6-2: Generic standards – Immunity for industrial environments
EN61000-6-4:2007	Electromagnetic compatibility (EMC) – Part 6-4: Generic standards – Emission for industrial environments
EN ISO3744:1995	Acoustics. Determination of sound power levels of noise sources using sound pressure. Engineering method in an essentially free field over a reflection plane

Place: Nagano, Japan

Date: June 3, 2016

Kazutaka Kitada

Managing Director / Industrial machinery Division
MAEDA SEISAKUSHO CO., LTD.



MAEDA

MAEDA SEISAKUSHO CO., LTD.

1095 Shinonoi Onbegawa, Nagano City

Nagano 388-8522, JAPAN

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TO WHOM IT MAY CONCERN:

Certificate of Test and Inspection

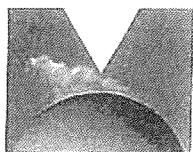
4 Fall and 2 Fall, 3 Sheave Hook Block
Manufacturer: MAEDA SEISAKUSHO CO., LTD.
Model for: LC785M-8B
Hook Block No. : 15Y07

We hereby certify that this hook block has been tested and inspected in accordance with the quality standard of our company and we guarantee the quality of this product.

Hook Block Ass'y:	Part No. 584-1208100
	Drawing No. 584-4587100
Specifications:	Refer to the attached document for details
Safe Working Load:	6000 kg
Sheave rope diameter:	10 mm
Actual value (Internal diameter):	85 mm
Date of Test and Inspection:	June 3, 2016

Signed on behalf of MAEDA SEISAKUSHO CO., LTD.:

Seiichi Yamaguchi
General manager /Quality Assurance Division
MAEDA SEISAKUSHO CO., LTD.



MAEDA

MAEDA SEISAKUSHO CO., LTD.

1095 Onbegawa Shinonoi, Nagano City

Nagano 388-8522, JAPAN

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CERTIFICATE FOR LOAD TEST

We herewith confirm that following model:

MC104CER	LC383M-5
MC174CRM	LC785M-6B
MC285CRM	LC785M-8B
MC285CRME	LC1385M-8B
MC285CGRM-2	MK1033CW-1
MC285CRM-2	MK1033CWH-1
MC285CRME-2	MK1033CWE-1
MC305CRM-2	MK1033CWEH-1
MC305CRME-2	CC1485S-1
MC405CRM	
MC405CRME	

Have been test-lifted with 1.25 times the rated total load at our factory.

We also confirm that the group of classification of the mechanism as a whole is M3

and type of crane is A1 in accordance with ISO 4301-2 (JIS B 8822-1).

Place:Nagano, Japan
Date: 27, November, 2015


Tomiaki Habasaki
Managing Director / Industrial machinery Division
MAEDA SEISAKUSHO CO., LTD.

Certificate number NB7858E



CERTIFICATE OF TEST AND THOROUGH EXAMINATION OF CRANE

Name and address of owner of crane:	Kranlyft-group , Fibervagen 1, 435 33 Molnlycke , Sweden
Name and address of maker of crane:	Maeda Seisakusho Co., Ltd.
Type of crane and nature of power.	Hydraulic tracked diesel engined telescopic crawler crane, Model LC785M-8B
Date of manufacture of crane.	2016
IDENTIFICATION NUMBER:	(a) Maker's serial number: 32347 (b) Owner's distinguishing Mark or number (if any): not registered
Make and type of automatic safe load Make and type of derricking interlock , if required:	MINEBEA CO., LTD. MML-01 N/A
Date of last previous test of crane:	New machine
Date of last previous thorough examination of crane:	New machine
Safe working load or loads:	See attached sheets 1 to 5
In the case of a crane with a derricking jib or jibs the max. radius at which the jib or jibs may be worked (in feet):	See attached sheets 1 to 5
Defects noted and alterations or repairs required before crane is put into service:	None. None.

I hereby certify that the crane described in this certificate was tested and thoroughly examined on 3 / Jun / 16 and that the above particulars are correct.

Signature: _____

[Signature]

Qualification Engineer

Name and address of person , company or association by whom The person conducting the test and examination is employed. Maeda Seisakusho Co., Ltd.
1095 Onbegawa , Shinonoi ,
Nagano city , Nagano prefecture
388-8522 , Japan

DATE OF CERTIFICATE : 3 / Jun / 16

For notes see overleaf.

SERIAL NO: 32347

MAEDA LC785M-8B

CERTIFICATE No. NB7858E

CERTIFICATE OF TEST AND THOROUGH EXAMINATION OF CRANE				PAGE 1	
• Safe working load or loads.	LENGTH OF JIB (METRES)	RADIUS (METRES)	ANGLE °	TEST LOAD KG	SAFE WORKING LOAD KG
In the case of a crane with a	4.63 m boom	2.00		6125	4900
variable operating radius (including	1boom	2.50		NIL	3800
a crane with a derricking jib or with		3.00		NIL	2900
interchangeable jibs of different		3.50		NIL	2290
lengths) the safe working load at		3.52		NIL	2270
various radii of the jib , jibs,					
or crab must be given. Test loads at					
various radii should be given in					
column (IV) and in the case of a					
safe working load which has been					
calculated without the application of					
a test load "NIL" should be entered					
in that column .					
•In the case of a crane with a					
derricking jib or jibs the maximum					
radius at which the jib or jibs may					
be worked is : 3.52m					
•We herewith confirm that we test lift all our manufactured cranes individually with					
1.25 times the rated load before delivering .					
•We also confirm that the group of classification of the mechanism as a whole is M3					
(for hoist) and type of crane is A1 in accordance with JIS B 8822-1 (ISO 4301-2).					
•I hereby certify that the crane described in this certificate was tested and thoroughly					
examined on 3 / Jun / 96 and that the above particulars are correct .					
MAEDA SEISAKUSHO CO., LTD.					
TEL : +81-(0)26-292-2304 FAX : +81-(0)26-293-8768					

DATE OF CERTIFICATE : 3 / Jun / 96

SIGNATURE



ENGINEER

SERIAL NO:

MAEDA

LC785M-8B

CERTIFICATE No. NB7858E

[illegible]

DATE OF CERTIFICATE : 3 / Jun / '11

SIGNATURE

菊也

ENGINEER

SERIAL NO: 32377

MAEDA LC785M-8B

CERTIFICATE No. NB7858E

CERTIFICATE OF TEST AND THOROUGH EXAMINATION OF CRANE				PAGE 3	
• Safe working load or loads.	LENGTH OF JIB (METRES)	RADIUS (METRES)	ANGLE °	TEST LOAD KG	SAFE WORKING LOAD KG
In the case of a crane with a	10.13 m boom	2.00		NIL	2600
variable operating radius (including	1+2+3 boom	2.50		NIL	2600
a crane with a derricking jib or with		3.00		NIL	2310
interchangeable jibs of different		3.50		NIL	2010
lengths) the safe working load at		4.00		NIL	1750
various radii of the jib , jibs,		4.50		NIL	1530
or crab must be given. Test loads at		5.00		NIL	1340
various radii should be given in		5.50		NIL	1170
column (IV) and in the case of a		6.00		NIL	1030
safe working load which has been		6.50		1113	890
calculated without the application of		7.00		NIL	780
a test load "NIL" should be entered		7.50		NIL	670
in that column .		8.00		NIL	580
		8.50		NIL	490
•In the case of a crane with a		9.00		NIL	410
derricking jib or jibs the maximum		9.02		NIL	410
radius at which the jib or jibs may					
be worked is : 9.02m					
•We herewith confirm that we test lift all our manufactured cranes individually with					
1.25 times the rated load before delivering .					
•We also confirm that the group of classification of the mechanism as a whole is M3					
(for hoist) and type of crane is A1 in accordance with JIS B 8822-1 (ISO 4301-2).					
•I hereby certify that the crane described in this certificate was tested and thoroughly					
examined on 3 / Jun / 96 and that the above particulars are correct .					
MAEDA SEISAKUSHO CO., LTD.					
TEL : +81-(0)26-292-2304 FAX : +81-(0)26-293-8768					

DATE OF CERTIFICATE : 3 / Jun / 96

SIGNATURE

角地

ENGINEER

MAEDA LC785M-8B

CERTIFICATE No. NB7858E

CERTIFICATE OF TEST AND THOROUGH EXAMINATION OF CRANE					
					PAGE 4
*Safe working load or loads.	LENGTH OF JIB (METRES)	RADIUS (METRES)	ANGLE °	TEST LOAD KG	SAFE WORKING LOAD KG
In the case of a crane with a variable operating radius (including a crane with a derricking jib or with interchangeable jibs of different lengths)the safe working load at various radii of the jib , jibs, or crab must be given. Test loads at various radii should be given in column (IV) and in the case of a safe working load which has been calculated without the application of a test load "NIL" should be entered in that column .	12.88 m boom	2.00		NIL	2000
	1+2+3+4 boom	2.50		NIL	2000
		3.00		NIL	2000
		3.50		NIL	1890
		4.00		NIL	1650
		4.50		NIL	1450
		5.00		NIL	1280
		5.50		NIL	1130
		6.00		NIL	1010
		6.50		1125	900
		7.00		NIL	800
		7.50		NIL	710
		8.00		NIL	630
		8.50		NIL	560
*In the case of a crane with a derricking jib or jibs the maximum radius at which the jib or jibs may be worked is : 11.77m		9.00		NIL	500
		9.50		NIL	440
		10.00		NIL	390
		11.00		NIL	300
		11.77		NIL	260
•We herewith confirm that we test lift all our manufactured cranes individually with 1.25 times the rated load before delivering .					
•We also confirm that the group of classification of the mechanism as a whole is M3 (for hoist) and type of crane is A1 in accordance with JIS B 8822-1 (ISO 4301-2).					
•I hereby certify that the crane described in this certificate was tested and thoroughly examined on 3 / Jun / 116 and that the above particulars are correct .					
MAEDA SEISAKUSHO CO., LTD.					
TEL : +81-(0)26-292-2304 FAX : +81-(0)26-293-8768					

DATE OF CERTIFICATE : 3 / Jun / 16

SIGNATURE

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ENGINEER

SERIAL NO: 32347

MAEDA LC785M-8B

CERTIFICATE No. NB7858E

CERTIFICATE OF TEST AND THOROUGH EXAMINATION OF CRANE				PAGE 5	
* Safe working load or loads.	LENGTH OF JIB (METRES)	RADIUS (METRES)	ANGLE °	TEST LOAD KG	SAFE WORKING LOAD KG
In the case of a crane with a	15.63 m boom	2.50		NIL	1400
variable operating radius (including	1+2+3+4+5 boom	3.00		NIL	1400
a crane with a derricking jib or with		3.50		NIL	1400
interchangeable jibs of different		4.00		NIL	1400
lengths) the safe working load at		4.50		NIL	1320
various radii of the jib , jibs,		5.00		NIL	1200
or crab must be given. Test loads at		5.50		NIL	1090
various radii should be given in		6.00		NIL	990
column (IV) and in the case of a		6.50		1125	900
safe working load which has been		7.00		NIL	820
calculated without the application of		7.50		NIL	750
a test load "NIL" should be entered		8.00		NIL	680
in that column .		8.50		NIL	610
		9.00		NIL	560
*In the case of a crane with a		9.50		NIL	500
derricking jib or jibs the maximum		10.00		NIL	450
radius at which the jib or jibs may		11.00		NIL	360
be worked is : 14.52m		12.00		NIL	280
		13.00		NIL	210
		14.00		NIL	200
		14.52		NIL	200
• We herewith confirm that we test lift all our manufactured cranes individually with 1.25 times the rated load before delivering . • We also confirm that the group of classification of the mechanism as a whole is M3 (for hoist) and type of crane is A1 in accordance with JIS B 8822-1 (ISO 4301-2). • I hereby certify that the crane described in this certificate was tested and thoroughly examined on 3 / Jun / 16 and that the above particulars are correct .					
MAEDA SEISAKUSHO CO., LTD. TEL : +81-(0)26-292-2304 FAX : +81-(0)26-293-8768					

DATE OF CERTIFICATE : 3 / Jun / 16

SIGNATURE

馬地

ENGINEER

 NIIGATA SEIKO CO., LTD.

NO.56, Nakakido, Higashi-ku, Niigata-shi, Niigata-ken 950-0886, Japan

 新潟県新潟市東区中木戸 56 番地
新潟製綱株式会社

検査証明書 [CERTIFICATE OF INSPECTION]

日付 [Date] : September 2, 2015

顧客名 [To Messrs.] MAEDA SEISAKUSHO CO., LTD.

適用規格 [Specification] : JIS G 3525

部品番号 [Type] : S553-P081400

数量 [Quantity] : 7

機種名 [Model] : LC785M-8

ロット番号 [Lot No.] : XX323638

ロープ構成 [Construction] : IWRC6xFi(29) Ungalv.

ロープ撚り [Lay] : Right Hand (Z) Ordinary Lay

公称ロープ径 [Norminal Dia.] : 10.0mm

実際ロープ径 [Actual Dia.] : 10.34mm

ロープ長さ [Length] : 115 m

製品番号 [Product No.] : B3328

種別 [Grade] : S

規格破断荷重 [Specified Breaking Load] : 72.9 kN

実際破断荷重 [Actual Breaking Load] : 78.4 kN

外観 [Appearance] : Good

素線試験 [Wire Test] : Good

備考 [Note] :

We hereby promise that the steel wire rope herein has been satisfactorily tested and inspected in accordance with the requirements of the above specification.

上記のワイヤロープは、規格通りに検査に合格していることを証明致します。



Manager



NIIGATA SEIKO CO., LTD.

NO.56, Nakakido, Higashi-ku, Niigata-shi, Niigata-ken 950-0886, Japan



新潟県新潟市東区中木戸 56 番地

新潟製綱株式会社

検査証明書 [CERTIFICATE OF INSPECTION]

日付 [Date] : August 19, 2015

顧客名 [To Messrs.] MAEDA SEISAKUSHO CO., LTD.

部 品 名 称 [Description] : Steel Wire Rope with Joint Clamp

部 品 番 号 [Type] : S551-3032600

数 量 [Quantity] : 3

機 種 名 [Model] : LC785, LC1385

用 途 [Location] : Boom Contraction

ロット番号 [Lot No.] : DD008000

ワイヤロープ [Steel Wire Rope]

ロープ構成 [Construction] : IWRC 6xFi(29) Ungalv.

ロープ撚り [Lay] : Right Hand (Z) Ordinary Lay

規格破断荷重 [Minimum Breaking Load] : 24300 N

ロープ径 [Norminal Dia.] : 6.0mm

部 品 寸 法 [Dimemnsions of Description]

全 長 [Length] : 14260 ±15 mm

端 末 加 工 [Ends of Description]

端末金具材質 [Materials] : SCM415

加 工 方 法 [Kind of Proccessing] : Swaging

保証締結荷重 [Minimum Proof Load] : 24300 N

破断試験結果 [Load at Breaking Test] : 35700 N

We hereby promise that the steel wire rope with joint clamp herein has been satisfactorily tested and inspected in accordance with the requirements of the above specification:

上記のジョイントクランプ加工品は、規格通りに検査に合格していることを証明致します。



Manager



NIIGATA SEIKO CO., LTD.

NO.56, Nakakido, Higashi-ku, Niigata-shi, Niigata-ken 950-0886, Japan



新潟県新潟市東区中木戸 56 番地

新潟製綱株式会社

検査証明書 [CERTIFICATE OF INSPECTION]

日付 [Date] : August 19, 2015

顧客名 [To Messrs.] MAEDA SEISAKUSHO CO., LTD.

部 品 名 称 [Description] : Steel Wire Rope with Joint Clamp

部 品 番 号 [Type] : S551-3032700

数 量 [Quantity] : 3

機 種 名 [Model] : LC785, LC1385

用 途 [Location] : Boom Contraction

ロット番号 [Lot No.] : DD007999

ワイヤロープ [Steel Wire Rope]

ロープ構成 [Construction] : IWRC 6xFi(29) Ungalv.

ロープ撚り [Lay] : Right Hand (Z) Ordinary Lay

規格破断荷重 [Minimum Breaking Load] : 43300 N

ロープ径 [Norminal Dia.] : 8.0mm

部 品 寸 法 [Dimemnsions of Description]

全 長 [Length] : 14850 ±15 mm

端 末 加 工 [Ends of Description]

端末金具材質 [Materials] : SCM415

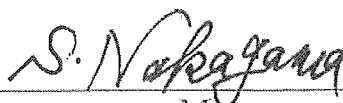
加 工 方 法 [Kind of Proccessing] : Swaging

保証締結荷重 [Minimum Proof Load] : 43300 N

破断試験結果 [Load at Breaking Test] : 55700 N

We hereby promise that the steel wire rope with joint clamp herein has been satisfactorily tested and inspected in accordance with the requirements of the above specification.

上記のジョイントクランプ加工品は、規格通りに検査に合格していることを証明致します。



Manager



NIIGATA SEIKO CO., LTD.

NO.56, Nakakido, Higashi-ku, Niigata-shi, Niigata-ken 950-0886, Japan

新潟県新潟市東区中木戸 56 番地

新潟製綱株式会社

検査証明書 [CERTIFICATE OF INSPECTION]

日付 [Date] : August 19, 2015

顧客名 [To Messrs.] MAEDA SEISAKUSHO CO., LTD.

部 品 名 称 [Description] : Steel Wire Rope with Joint Clamp

部 品 番 号 [Type] : S551-3032800

数 量 [Quantity] : 3

機 種 名 [Model] : LC785, LC1385

用 途 [Location] : Boom Extension

ロット番号 [Lot No.] : DD007998

ワイヤロープ [Steel Wire Rope]

ロープ 構成 [Construction] : IWRC 6xFi(29) Ungalv.

ロープ 撚り [Lay] : Right Hand (Z) Ordinary Lay

規格破断荷重 [Minimum Breaking Load] : 67700 N

ロープ 径 [Norminal Dia.] : 10.0mm

部 品 寸 法 [Dimemnsions of Description]

全 長 [Length] : 8450 ±10 mm

端 末 加 工 [Ends of Description]

端末金具材質 [Materials] : SCM415

加 工 方 法 [Kind of Proccessing] : Swaging

保証締結荷重 [Minimum Proof Load] : 67700 N

破断試験結果 [Load at Breaking Test] : 77000 N

We hereby promise that the steel wire rope with joint clamp herein has been satisfactorily tested and inspected in accordance with the requirements of the above specification.

上記のジョイントクランプ加工品は、規格通りに検査に合格していることを証明致します。



Manager



NIIGATA SEIKO CO., LTD.

NO.56, Nakakido, Higashi-ku, Niigata-shi, Niigata-ken 950-0886, Japan



新潟県新潟市東区中木戸 56 番地

新潟製綱株式会社

検査証明書 [CERTIFICATE OF INSPECTION]

日付 [Date] : August 19, 2015

顧客名 [To Messrs.] MAEDA SEISAKUSHO CO., LTD.

部 品 名 称 [Description] : Steel Wire Rope with Joint Clamp

部 品 番 号 [Type] : S551-3032900

数 量 [Quantity] : 3

機 種 名 [Model] : LC785, LC1385

用 途 [Location] : Boom Extension

ロット番号 [Lot No.] : DD007997

ワイヤロープ [Steel Wire Rope]

ロープ構成 [Construction] : IWRC 6xFi(29) Ungalv.

ロープ撚り [Lay] : Right Hand (Z) Ordinary Lay

規格破断荷重 [Minimum Breaking Load] : 144000 N

ロープ径 [Norminal Dia.] : 14.0mm

部 品 寸 法 [Dimemnsions of Description]

全 長 [Length] : 8450 $\pm$ 10 mm

端 末 加 工 [Ends of Description]

端末金具材質 [Materials] : SCM415

加 工 方 法 [Kind of Proccessing] : Swaging

保証締結荷重 [Minimum Proof Load] : 144000 N

破断試験結果 [Load at Breaking Test] : 162000 N

We hereby promise that the steel wire rope with joint clamp herein has been satisfactorily tested and inspected in accordance with the requirements of the above specification.

上記のジョイントクランプ加工品は、規格通りに検査に合格していることを証明致します。



Manager