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VEHICLE CERTIFICATION AGENCY

THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY

COMMUNICATION CONCERNING APPROVAL OF A TYPE OF TRACTOR PURSUANT TO
DIRECTIVE 74/150/EEC, AS LAST AMENDED BY DIRECTIVE 2001/3/EC

Type-approval number: e11*2001/3*0060*01

Reason for extension: 1) To cover the addition of approval e11*86/298*2000/19*2008*00
2) Correction of approval number

PART I

0. GENERAL

0.1 Make(s) (trade mark registered by the manufacturer): Daedong or Kioti

0.2. Type (specify any variants and versions): M27

Variants/version: AAM/11,43,45, BBH/11,43,45, CCM/43,45,22,34, DDH/43,45,22,34

0.2.1. Trade name(s) (where appropriate): CK25 (Variant AAM), CK25H (Variant BBH),
CK30 (Variant CCM), CK30H (Variant DDH)

0.3. Means of identification of type, if marked on the tractor: Not applicable

0.3.1. Manufacturer's plate (location and method of affixing): Riveted on the left side of front frame

0.3.2. Chassis identification number (location): Right side of front frame

0.4. Category of tractor: T1 or T2

0.5. Manufacturer's name and address: Daedong Industrial Co., Ltd., 1-12, Buk-Ri, Nonkong-Eup,
Dalsung-Kun, Daegu, Korea

0.8. Name(s) and address(es) of assembly plant(s): See paragraph 0.5

An executive agency in the UK Department for Transport



I the undersigned hereby certify the accuracy of the manufacturer's description in the appended information document concerning the tractor(s) described above and the applicability of the appended results to that type of tractor.

The type of tractor meets the requirements of all of the relevant separate directives.

Type-approval is GRANTED

Place: BRISTOL

Date: 26 NOVEMBER 2004

Signature:



M J MULVANEY

KSE 005307

Annexes:

Information file (including Parts II and III (where appropriate) of the information document model B).

Test results

Name(s) and specimen(s) of the signature of the person(s) authorised to sign the certificates of conformity, and a statement as to his/their function within the organisation.



PART II - Test results**1. RESULTS OF THE SOUND-LEVEL TESTS (74/151/EEC)**

Number of basic directive and most recent amendment applicable for type-approval. For a directive with two or more application phases, indicate which phase: 74/151/EEC –Annex VI as amended by 98/38/EC

Variant/version: AAM/11,43,45 BBH/11,43,45 CCM/43,45,22,34 DDH/43,45,22,34

— Moving:	77 dB(A)	79 dB(A)	77 dB(A)	79 dB(A)
— Stationary:	78 dB(A)	79 dB(A)	77 dB(A)	77 dB(A)
— Engine speed:	2800 min ⁻¹	2800 min ⁻¹	2800 min ⁻¹	2800 min ⁻¹

2. RESULTS OF THE EXHAUST EMISSION TESTS

Number of basic directive and most recent amendment applicable for type-approval. For a directive with two or more application phases, indicate which phase: 97/68/EC

— Variant/version: AAM/11,43,45 BBH/11,43,45 CCM/43,45,22,34 DDH/43,45,22,34

1. Results

— CO:	1.71 g/kWh	1.71 g/kWh	1.26 g/kWh	1.26 g/kWh
— HC:	0.13 g/kWh	0.13 g/kWh	0.18 g/kWh	0.18 g/kWh
— NO _x :	4.89 g/kWh	4.89 g/kWh	5.26 g/kWh	5.26 g/kWh
— Particulates:	0.52 g/kWh	0.52 g/kWh	0.50 g/kWh	0.50 g/kWh
— Smoke:	0.88 m ⁻¹	0.82 m ⁻¹	0.87 m ⁻¹	0.88 m ⁻¹

2. Results (1)

— CO:	g/kWh	g/kWh	g/kWh	g/kWh
— NO _x :	g/kWh	g/kWh	g/kWh	g/kWh
— NMHC:	g/kWh	g/kWh	g/kWh	g/kWh
— CH ₄	g/kWh	g/kWh	g/kWh	g/kWh
— Particulates:	g/kWh	g/kWh	g/kWh	g/kWh

3. DRIVER-PERCEIVED SOUND LEVEL (2000/63/EEC)

Number of basic directive and most recent amendment applicable for type approval. For a directive with two or more application phases, indicate which phase: 77/311/EEC as last amended by 97/54

Variant/version: AAM/11,43,45 BBH/11,43,45 CCM/43,45,22,34 DDH/43,45,22,34

86.8 dB(A) 88.4 dB(A) 86.3 dB(A) 88.3 dB(A)



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APPROVAL NUMBER: e11* 2001/3*0060*01

INDEX OF THE CONTENTS OF THE INFORMATION DOCUMENT

REVISION NUMBER: 1 (One)

Total number of sheets:	5	(Five)
Number of separate drawings:	0	(nil)
Number of separate photographs:	0	(nil)

Reason(s) for extension / revision: To cover the addition of approval e11*86/298*2000/19*2008*00

KSE 005307





Information Document No.M27-W0-01
according to annex I of EC-directive 74/150/EEC
(including all modifications until 2001/3/EEC)
of wheeled agricultural or forestry tractors
for granting of a type-approval

Reason(s) for Extension: 1) To cover the addition of approval e11*86/298*2000/19*2008*00
2) Correction of approval number

PART I

- 0. General
- 0.1 Make(s) (trade mark registered by the manufacturer) : Daedong or Kioti
- 0.2 Type (specify any variant and versions)
Type: M27
Variant & Version: see ANNEX A
- 0.2.1 Commercial description(s): A – CK25, B – CK25H
C – CK30, D – CK30H
- 0.3. Means of identification of type, if marked on the tractor : Not applicable
- 0.3.1 Manufacturer's plate(location and method of affixing): Riveted on the left side of front frame
see attachment E002
- 0.3.2 Chassis identification number (location): Right side of front frame
see attachment E002
- 0.4. Category of tractor: T1 or T2
- 0.5. Name and address of manufacturer: Daedong Industrial Co., Ltd.
1-12, Buk-Ri, Nonkong-Eup,
Dalsung-Kun, Daegu, Korea
- 0.6. Location of and method of affixing statutory plates and inscriptions (photographs or drawings) : see attachment E002
- 0.7. Location of the EC type-approval mark on systems, components and separate technical units, and method of affixing it : Not applicable
- 0.8. Name(s) and address(es) of assembly plant(s): Daedong Industrial Co., Ltd.
1-12, Buk-Ri, Nonkong-Eup,
Dalsung-Kun, Daegu, Korea





- 1. General Construction Characteristics of the Tractor
 - 1.1. Number of axles and wheels : 2 axles, 4 wheels
 - 1.1.1. Number and position of axles with twinned wheels(if applicable) : Not applicable
 - 1.1.2. Number and position of steered axles: 1, Axle 1
 - 1.1.3. Powered axles (number, position, interconnection) : 1 or 2
axle 2, or axle 1 and axle 2
axle 1 can be disengaged
 - 1.1.4. Brake axles (number, position): 1, Axle 2
 - 1.2. Position and arrangement of the engine: front, longitudinal
 - 1.3. Position of the steering wheel: center
 - 1.4. Reversible driving position: No
 - 1.5. Chassis: chassis with side members
 - 1.6. Tractor designed for driving on the: right hand drive and the left hand drive

2. Masses and Dimensions (in kg and mm) (refer to drawings where applicable)

2.1. Unladen mass(es)

2.1.1. Unladen mass(es) of the tractor in running order (serving as a reference point for the various separate directive) (including the roll-over protection structure, excluding optional accessories, but with coolant, lubricants, fuel, tools and drives) (kg) :



	A	B	C	D	E	F	G
Total	1500	1485	1580	1460	1445	1540	1495
Axle 1	595	600	610	590	595	605	615
Axle 2	905	885	970	870	850	935	880
Matrix	H	I	J	K	L	M	N
Total	1590	1535	1525	1460	1555	1500	1490
Axle1	625	615	615	615	625	615	615
Axle2	965	920	910	845	930	885	875

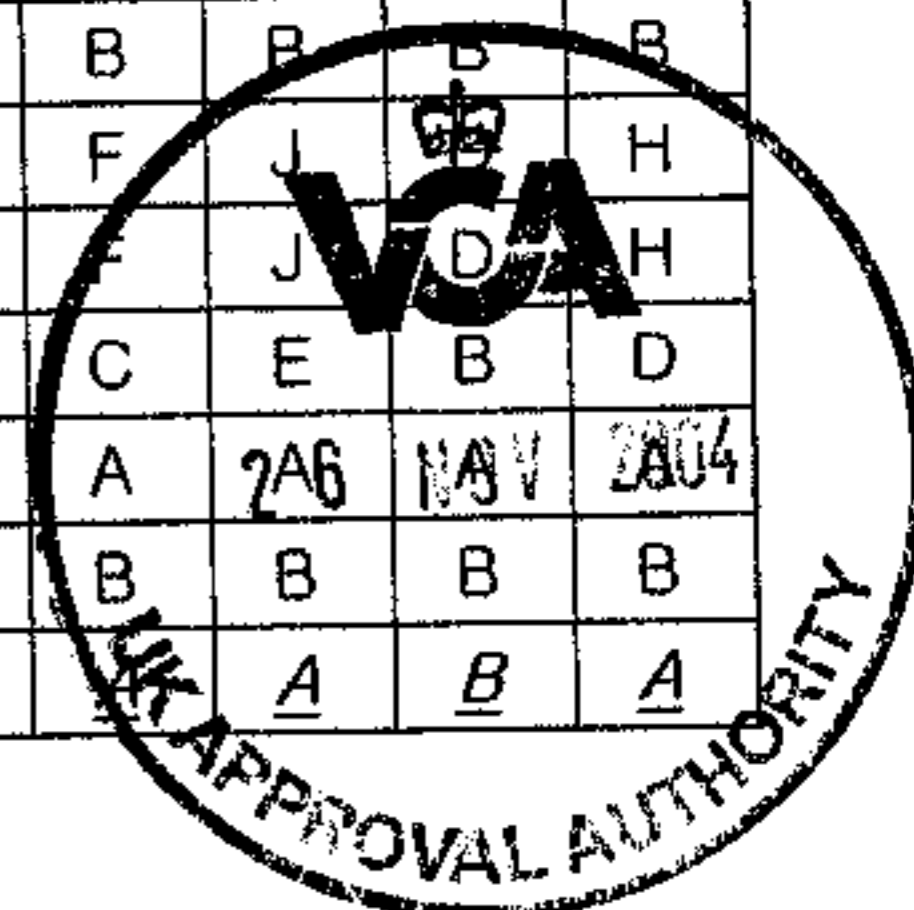
- 2.1.1.1. Distribution of this(these) mass(es) among the axles (kg) : see the TABLE in the item 2.1.1.

- 9.4.4. Fixing method(s): Bolting
- 9.4.5. Optional equipment that might restrict the field of vision to the rear: Not applicable
- 9.4.6. Brief description of the electrical/electronic components (if fitted) of the adjusting system: Not applicable
- 9.5. Defrosting and demisting: Not applicable
10. ROLL-OVER PROTECTIVE STRUCTURES, WEATHER PROTECTION, SEATS, LOAD PLATFORMS
- 10.1. Roll-over protective structures(dimensioned drawings, photographs(where appropriate) description): See the manufacturer's information documents of the approval numbers of
 A- e11*79/622*1999/40*2008*00
 B- e11*86/298*2000/19*2008*00
- 10.2. Operating space and access to driving can(description, characteristics, or dimensioned drawings: see attachment E001, E015
- 10.3. Seat and footrests
- 10.3.1. Driving seat(s) (drawings, photographs, description): see attachment E001, E015, E016
- 10.3.1.1. Trade mark(s) or name(s): KAB seating Ltd.
- 10.3.1.2. Component type-approval mark(s): e11-0407
- 10.3.1.3. Seat type category: Category A Class I / II / III
- 10.3.1.4. Position and main characteristics: see attachment E001, E016
- 10.3.1.5. Adjustment system: see attachment E016
- 10.3.1.6. Displacement and locking system: see attachment E016
- 10.3.2. Passenger seats (number, dimensions, position and characteristics): Not applicable
- 10.3.3. Footrests (number, dimensions and positions): Not applicable
- 10.4. Load platform Not applicable
- 10.5. Suppression of radio interference Not applicable
11. LIGHTING AND LIGHT-SIGNALLING DEVICES
 (dimensioned sketches of the exterior of the tractor showing the position of the illuminating surface of all devices; number, wiring, type-approval mark



PART II
Matrix for multiple entries

Item No	Variant	AAM			BBH			CCM				DDH			
	Version	11	43	45	11	43	45	43	45	22	34	43	45	22	34
0.2.1		A	A	A	B	B	B	C	C	C	C	D	D	D	D
0.4		T2	T1	T1	T2	T1	T1	T1	T1	T2	T1	T1	T1	T2	T1
2.1.1		A	B	C	D	E	F	G	H	I	J	K	L	M	N
2.2.1		A	B	C	A	B	C	B	C	D	E	B	C	D	E
2.2.3.1		A	B	C	A	B	C	B	C	D	E	B	C	D	E
2.4.1		A	A	A	A	A	A	B	B	B	B	B	B	B	B
2.4.3		A	A	A	A	A	A	B	B	B	B	B	B	B	B
2.4.5		A	A	A	A	A	A	B	B	B	B	B	B	B	B
3.1.1		A	A	A	A	A	A	B	B	B	B	B	B	B	B
3.1.2		A	A	A	B	B	B	C	C	C	C	D	D	D	D
3.2.1.2		A	A	A	B	B	B	C	C	C	C	D	D	D	D
3.2.1.4		A	A	A	A	A	A	B	B	B	B	B	B	B	B
3.2.1.5		A	A	A	A	A	A	B	B	B	B	B	B	B	B
3.2.1.7		A	A	A	A	A	A	B	B	B	B	B	B	B	B
3.2.1.8		A	A	A	A	A	A	B	B	B	B	B	B	B	B
3.2.1.9		A	A	A	A	A	A	B	B	B	B	B	B	B	B
3.2.1.14.1.4		A	A	A	A	A	A	B	B	B	B	B	B	B	B
3.2.3.2.1.2		A	A	A	A	A	A	B	B	B	B	B	B	B	B
3.2.3.2.1.3		A	A	A	A	A	A	B	B	B	B	B	B	B	B
3.2.3.2.1.4.2		A	A	A	A	A	A	B	B	B	B	B	B	B	B
3.2.3.2.2.1		A	A	A	A	A	A	B	B	B	B	B	B	B	B
3.2.3.2.2.2		A	A	A	A	A	A	B	B	B	B	B	B	B	B
3.2.4.1		A	A	A	A	A	A	B	B	B	B	B	B	B	B
3.2.4.2		A	A	A	A	A	A	B	B	B	B	B	B	B	B
3.3		A	A	A	A	A	A	B	B	B	B	B	B	B	B
3.6		A	A	A	A	A	A	B	B	B	B	B	B	B	B
3.6.1		A	A	A	B	B	B	C	C	C	C	D	D	D	D
3.7		A	A	A	A	A	A	B	B	B	B	B	B	B	B
4.2		M	M	M	H	H	H	M	M	M	M	H	H	H	H
4.3		A	A	A	B	B	B	A	A	A	A	B	B	B	B
4.3.1		A	A	A	B	B	B	A	A	A	A	B	B	B	B
4.4		D	D	D	S	S	S	D	D	D	D	S	S	S	S
4.5		M	M	M	H	H	H	M	M	M	M	H	H	H	H
4.6.1		A	A	A	A	A	A	B	B	B	B	B	B	B	B
4.7		A	E	I	B	F	J	E	I	C	G	F	J	H	H
4.7.1		A	E	I	B	F	J	E	I	C	G	F	J	H	H
4.8		A	C	E	A	C	E	C	E	B	D	C	E	B	D
8.2		B	B	B	A	A	A	B	B	B	B	A	2A6	NAV	2A04
8.7		A	A	A	A	A	A	B	B	B	B	B	B	B	B
10.1		<u>B</u>	<u>A</u>	<u>A</u>	<u>B</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>B</u>	<u>A</u>	<u>A</u>	<u>B</u>	<u>A</u>	<u>A</u>



Part III

Type-Approval Numbers Relating to the Separate Directives

Subject	EC type approval or EC component type approval number	Date of type approval	Type(s), Variant(s), Version(s)
ROPS	e11*79/622*1999/40*2008*00	12 Oct. 2004	M27, All variants, <u>Versions 43, 45, 34</u>
	<u>e11*86/298*2000/19*2008*00</u>	<u>26 Nov. 2004</u>	M27, All variants, <u>Versions 11, 22</u>
Coupling	e11-1744	5 Jul. 2001	M27, All variants
	DGM*1*0019GA ¹⁾	18 Feb. 2003	M27, All variants
Seat	e11-0407	11 Oct. 1991	M27, All variants
Mirror	E13*46R00*46R01*0705*00	21 Jun. 2001	M27, All variants
Horn	e3 41028	20 Aug. 1984	M27, All variants
Head Lamps (LHD)	E13*20R00*20R02*0821*00	6 Dec. 2001	M27, All variants
Head Lamps (RHD)	E13*20R00*20R02*9065*00	19 Aug. 1996	
Front position lamp	E1 53274R6	17 Mar. 1981	
Front direction indicator			
Rear direction indicator	E13*06R00*06R01*8224*00	26 Nov. 2001	
Stop lamp	E13*07R00*07R02*8224*00	26 Nov. 2001	
Rear position lamp			
Rear registration plate lamp	E1 22819 R4*01-III	8 May. 2001	
Rear retro-reflector	E1 01231 291 R3	24 Apr. 1991	
Emission	e11*97/68DA*2002/88*0186*01	15 Feb. 2004	
	e11*97/68DA*2002/88*0184*01	15 Feb. 2004	M27, CCM & DDH

Note : 1) The drawbar approved pursuant to Italian national law was added according to the paragraph 2.8, Annex IV of Directive 89/173/EC

