



Equipment Noise by Type, Split by Power Category

21. EXCAVATOR-LOADERS (< 500 KW)

Wheeled dozers, wheeled loaders, wheeled excavator-loaders, dumpers, graders, loader-type landfill compactors, combustion engine driven counterbalanced lift trucks, mobile cranes, compaction machines (non-vibrating rollers), paver-finishers, hydraulic power packs

Net Installed Power Category

P <= 55(Kilowatts)



Net Installed Power Category : 000055

Table with 7 columns: Certificate Date, Certificate Number, Equipment Model Name, Equipment Permissible Sound Power L, Guaranteed Sound Level, Measured Sound Power Level. Rows include Caterpillar (U.K.) Limited models 416D, 424D - BGP00000, and 424D - BKR00000.

Net Installed Power Category : 000054

Table with 7 columns: Certificate Date, Certificate Number, Equipment Model Name, Equipment Permissible Sound Power L, Guaranteed Sound Level, Measured Sound Power Level. Row includes Schaeff-Terex GmbH & Co. KG model 442 B.

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ART12 Noise Limit by Equipment Code_2

* These limit figures are merely indicative for these types of equipment:

- walk-behind vibrating rollers<
- vibratory plates (>3kW)<
- vibratory rammers<
- dozers (steel tracked)<
- loaders (steel tracked >55 kW)<
- combustion-engine driven counterbalanced lift trucks<
- compacting screed paver-finishers<
- hand-held internal combustion-engine concrete-breakers and picks (15<m<30)
- lawnmowers, lawn trimmers/lawn-edge trimmers.

Definitive figures will depend on amendment of the Directive following the report required in Article 20(1).

Consult all directive document at http://ec.europa.eu/growth/sectors/mechanical-engineering/noise-emissions/index_en.l



Equipment Noise by Type, Split by Power Category

21. EXCAVATOR-LOADERS (< 500 KW)

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
Terex / Schaeff GmbH Schaeffstrasse 8 D-74595 Langenburg DE	11/28/05	13525	442 B	104	99	98
Terex / Schaeff GmbH Schaeffstrasse 8 D-74595 Langenburg DE	2/20/07	15573	Radlader TL100	101	100	99

Net Installed Power Category : 000053

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
J.C. Bamford Excavators Limited Lakeside Works Rocester Staffordshire ST14 5JP UK	11/13/01	11612	3CXSM 4	104	104	102

Net Installed Power Category : 000052

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
Foredil Macchine s.r.l. Via E. Fermi, n.1, 35030 Caselle di Selvazzano (Padova) IT	1/16/03	10235	FM200	104	100	98
Foredil Macchine s.r.l. Via E. Fermi, n.1, 35030 Caselle di Selvazzano (Padova) IT	1/16/03	10238	FM500T	104	100	98
Foredil Macchine s.r.l. Via E. Fermi, n.1, 35030 Caselle di Selvazzano (Padova) IT	1/16/03	87	FM500T	104	100	0

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ART12 Noise Limit by Equipment Code_2

* These limit figures are merely indicative for these types of equipment:

- walk-behind vibrating rollers<
- vibratory plates (>3kW)<
- vibratory rammers<
- dozers (steel tracked)<
- loaders (steel tracked >55 kW)<
- combustion-engine driven counterbalanced lift trucks<
- compacting screed paver-finishers<
- hand-held internal combustion-engine concrete-breakers and picks (15m<math><30</math>)
- lawnmowers, lawn trimmers/lawn-edge trimmers.

Definitive figures will depend on amendment of the Directive following the report required in Article 20(1).

Consult all directive document at http://ec.europa.eu/growth/sectors/mechanical-engineering/noise-emissions/index_en



Equipment Noise by Type, Split by Power Category

21. EXCAVATOR-LOADERS (< 500 KW)

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
Foredil Macchine s.r.l. Via E. Fermi, n.1, 35030 Caselle di Selvazzano (Padova) IT	1/16/03	88	FM200	104	100	0

Net Installed Power Category : 000051

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
KOMATSU UTILITY EUROPA S.p.A Via Bergoncino 28, 36025 Noventa Vicentina (VI) IT	10/20/05	15095	VB 70A2	104	101	100

Net Installed Power Category : 000050

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
J.C. Bamford Excavators Limited Lakeside Works Rocester Staffordshire ST14 5JP UK	7/16/03	3578	2CXS 4WS	104	104	104
J.C. Bamford Excavators Limited Lakeside Works Rocester Staffordshire ST14 5JP UK	10/13/03	3575	2CXSM 4WS	104	104	104
Takeuchi Mfg. Co., Ltd 205-3, Uwadaire, Sakaki-machi, Hanishina-gun, Nagano 389-0605 JP	1/22/03	3444	TB 175 W	104	102	101

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ART12 Noise Limit by Equipment Code_2

* These limit figures are merely indicative for these types of equipment:

- walk-behind vibrating rollers<
- vibratory plates (>3kW)<
- vibratory rammers<
- dozers (steel tracked)<
- loaders (steel tracked >55 kW)<
- combustion-engine driven counterbalanced lift trucks<
- compacting screed paver-finishers<
- hand-held internal combustion-engine concrete-breakers and picks (15<m<30)
- lawnmowers, lawn trimmers/lawn-edge trimmers.

Definitive figures will depend on amendment of the Directive following the report required in Article 20(1).

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Equipment Noise by Type, Split by Power Category

21. EXCAVATOR-LOADERS (< 500 KW)

Net Installed Power Category : 000047

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
J.C. Bamford Excavators Limited Lakeside Works Rocester Staffordshire ST14 5JP UK	11/14/01	11610	2CX AM	104	104	103
J.C. Bamford Excavators Limited Lakeside Works Rocester Staffordshire ST14 5JP UK	11/14/01	11611	2CX 4WS	104	104	102
KOMATSU UTILITY EUROPA S.p.A Via Bergoncino 28, 36025 Noventa Vicentina (VI) IT	12/27/05	15072	PC 75R-2	104	99	98
KOMATSU UTILITY EUROPA S.p.A Via Bergoncino 28, 36025 Noventa Vicentina (VI) IT	12/27/05	15073	PW 75R-2	104	99	98

Net Installed Power Category : 000046

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
Mustang Manufacturing Company Inc. 1880 Austin Road Owatonna, MN 55060 US	10/14/09	EX_60608	2056	101	101	100

Net Installed Power Category : 000045

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ART12 Noise Limit by Equipment Code_2

* These limit figures are merely indicative for these types of equipment:

- walk-behind vibrating rollers<
- vibratory plates (>3kW)<
- vibratory rammers<
- dozers (steel tracked)<
- loaders (steel tracked >55 kW)<
- combustion-engine driven counterbalanced lift trucks<
- compacting screed paver-finishers<
- hand-held internal combustion-engine concrete-breakers and picks (15<m<30)
- lawnmowers, lawn trimmers/lawn-edge trimmers.

Definitive figures will depend on amendment of the Directive following the report required in Article 20(1).

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Equipment Noise by Type, Split by Power Category

21. EXCAVATOR-LOADERS (< 500 KW)

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
Caterpillar (U.K.) Limited Peckleton Lane Desford Leics England GB-LE9 9JT UK	5/30/02	5116	906 - 6ZS00000	104	101	101
Caterpillar (U.K.) Limited Peckleton Lane Desford Leics England GB-LE9 9JT UK	5/30/02	5117	906 - 6ZS00000	104	99	98
FIORI S.p.A. Via ,Per Ferrara 7 , Finale Emilia (MO) IT	6/11/02	10228	TA700	104	104	102
FIORI S.p.A. Via ,Per Ferrara 7 , Finale Emilia (MO) IT	9/10/02	1973	TA700	104	104	102
FIORI S.p.A. Via ,Per Ferrara 7 , Finale Emilia (MO) IT	11/7/05	13646	TA700	104	101	98

Net Installed Power Category : 000044

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
JCB Heavy Products LTD Lakeside Works Rocester Staffordshire ST14 5JP UK	1/28/02	6648	JZ70 MONO	104	101	99
Takeuchi Mfg. Co., Ltd 205-3, Uwadaire, Sakaki-machi, Hanishina-gun, Nagano 389-0605 JP	3/4/03	3443	4TNE98-TB	104	98	0

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ART12 Noise Limit by Equipment Code_2

* These limit figures are merely indicative for these types of equipment:

- walk-behind vibrating rollers<
- vibratory plates (> 3kW)<
- vibratory rammers<
- dozers (steel tracked)<
- loaders (steel tracked > 55 kW)<
- combustion-engine driven counterbalanced lift trucks<
- compacting screed paver-finishers<
- hand-held internal combustion-engine concrete-breakers and picks (15$m$$30$)
- lawnmowers, lawn trimmers/lawn-edge trimmers.

Definitive figures will depend on amendment of the Directive following the report required in Article 20(1).

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Equipment Noise by Type, Split by Power Category

21. EXCAVATOR-LOADERS (< 500 KW)

Net Installed Power Category : 000043

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
Hyundai Heavy Industries Co., Ltd 1, Cheonha-Dong, Dong-Ku, Ulsan, The Republic of Korea KR	6/17/07	16000	ROBEX 55-3	101	101	0
Nagano Industry CO., Ltd 3297-2, Yamata, Koshoku-Shi, Nagano JP	7/5/05	9902	H75C	104	98	97

Net Installed Power Category : 000041

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
HANIX Windmill Lane, Denton UK	9/10/05	EX_60380	H75C	104	98	97
Hyundai Heavy Industries Co., Ltd 1, Cheonha-Dong, Dong-Ku, Ulsan, The Republic of Korea KR	10/31/06	16071	ROBEX 55W-7	101	98	0
Takeuchi Mfg. Co., Ltd 205-3, Uwadaire, Sakaki-machi, Hanishina-gun, Nagano 389-0605 JP	2/28/03	3448	TB 80 FR	104	104	101

Net Installed Power Category : 000040

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
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ART12 Noise Limit by Equipment Code_2

* These limit figures are merely indicative for these types of equipment:

- walk-behind vibrating rollers<
- vibratory plates (>3kW)<
- vibratory rammers<
- dozers (steel tracked)<
- loaders (steel tracked >55 kW)<
- combustion-engine driven counterbalanced lift trucks<
- compacting screed paver-finishers<
- hand-held internal combustion-engine concrete-breakers and picks (15<m<30)
- lawnmowers, lawn trimmers/lawn-edge trimmers.

Definitive figures will depend on amendment of the Directive following the report required in Article 20(1).

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Equipment Noise by Type, Split by Power Category

21. EXCAVATOR-LOADERS (< 500 KW)

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
Bobcat Company IR World Headquarters P.O. Box 6000 250 East Beaton Drive West Fargo, ND 58078-6000 US	12/6/01	4109	341**G	104	101	97
Bobcat Company IR World Headquarters P.O. Box 6000 250 East Beaton Drive West Fargo, ND 58078-6000 US	12/6/01	4110	337**D	104	101	98

Net Installed Power Category : 000039

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
Bobcat Company IR World Headquarters P.O. Box 6000 250 East Beaton Drive West Fargo, ND 58078-6000 US	3/1/05	8532	337**G	104	100	98
Bobcat Company IR World Headquarters P.O. Box 6000 250 East Beaton Drive West Fargo, ND 58078-6000 US	3/1/05	8533	341**G	104	100	98
Bobcat Company IR World Headquarters P.O. Box 6000 250 East Beaton Drive West Fargo, ND 58078-6000 US	3/1/05	8536	435*AG	104	100	98

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ART12 Noise Limit by Equipment Code_2

* These limit figures are merely indicative for these types of equipment:

- walk-behind vibrating rollers<
- vibratory plates (>3kW)<
- vibratory rammers<
- dozers (steel tracked)<
- loaders (steel tracked >55 kW)<
- combustion-engine driven counterbalanced lift trucks<
- compacting screed paver-finishers<
- hand-held internal combustion-engine concrete-breakers and picks (15<m<30)
- lawnmowers, lawn trimmers/lawn-edge trimmers.

Definitive figures will depend on amendment of the Directive following the report required in Article 20(1).

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Equipment Noise by Type, Split by Power Category

21. EXCAVATOR-LOADERS (< 500 KW)

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
Bobcat Company IR World Headquarters P.O. Box 6000 250 East Beaton Drive West Fargo, ND 58078-6000 US	3/1/05	8537	435HAG	104	100	98

Net Installed Power Category : 000038

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
Bobcat Company IR World Headquarters P.O. Box 6000 250 East Beaton Drive West Fargo, ND 58078-6000 US	2/6/04	4100	341**G	104	101	98
Bobcat Company IR World Headquarters P.O. Box 6000 250 East Beaton Drive West Fargo, ND 58078-6000 US	2/6/04	4101	337**G	104	101	98
JC Bamford Excavators Ltd World Headquarters UK	1/21/08	EX_59259	1CX	101	101	99
KOMATSU UTILITY EUROPA S.p.A Via Bergoncino 28, 36025 Noventa Vicentina (VI) IT	1/20/06	15093	SK 815T	101	101	101
KOMATSU UTILITY EUROPA S.p.A Via Bergoncino 28, 36025 Noventa Vicentina (VI) IT	1/20/06	15094	SK 820-5	101	101	101

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ART12 Noise Limit by Equipment Code_2

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- walk-behind vibrating rollers<
- vibratory plates (>3kW)<
- vibratory rammers<
- dozers (steel tracked)<
- loaders (steel tracked >55 kW)<
- combustion-engine driven counterbalanced lift trucks<
- compacting screed paver-finishers<
- hand-held internal combustion-engine concrete-breakers and picks (15<m<30)
- lawnmowers, lawn trimmers/lawn-edge trimmers.

Definitive figures will depend on amendment of the Directive following the report required in Article 20(1).

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Equipment Noise by Type, Split by Power Category

21. EXCAVATOR-LOADERS (< 500 KW)

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
Volvo Construction Equipment Korea Ltd. 1, Guehyun-Dong, Changwon-City Kyungnam, 641-430 KR	10/9/01	10710	EC 55	104	99	99
Volvo Construction Equipment Korea Ltd. 1, Guehyun-Dong, Changwon-City Kyungnam, 641-430 KR	11/16/01	7104	EC 55	104	99	99

Net Installed Power Category : 000037

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
Bobcat Company IR World Headquarters P.O. Box 6000 250 East Beaton Drive West Fargo, ND 58078-6000 US	10/1/04	8558	435**G	104	101	99
VF VENIERI S.P.A. Via Piratello, 106 48022 Lugo (Ravenna) IT	1/31/06	13988	VF 0401	101	100	97
VF VENIERI S.P.A. Via Piratello, 106 48022 Lugo (Ravenna) IT	1/31/06	13988	VF 1.33 B	101	100	97

Net Installed Power Category : 000036

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
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ART12 Noise Limit by Equipment Code_2

* These limit figures are merely indicative for these types of equipment:

- walk-behind vibrating rollers<
- vibratory plates (>3kW)<
- vibratory rammers<
- dozers (steel tracked)<
- loaders (steel tracked >55 kW)<
- combustion-engine driven counterbalanced lift trucks<
- compacting screed paver-finishers<
- hand-held internal combustion-engine concrete-breakers and picks (15<m<30)
- lawnmowers, lawn trimmers/lawn-edge trimmers.

Definitive figures will depend on amendment of the Directive following the report required in Article 20(1).

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Equipment Noise by Type, Split by Power Category

21. EXCAVATOR-LOADERS (< 500 KW)

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
JC Bamford Excavators Ltd World Headquarters UK	7/24/07	EX_59253	Midi CX	101	101	100
JC Bamford Excavators Ltd World Headquarters UK	5/8/13	EX_69529	1CX	101	99	97

Net Installed Power Category : 000034

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
Caterpillar (U.K.) Limited Peckleton Lane Desford Leics England GB-LE9 9JT UK	5/30/02	5114	902	104	101	99
Caterpillar (U.K.) Limited Peckleton Lane Desford Leics England GB-LE9 9JT UK	5/30/02	5115	902 - 7ES00000	104	97	97
JCB Compact Limited Harewood Estate Leek Road Cheadle Stoke on Trent ST10 2JW UK	9/23/03	3512	JBC 1CX	104	101	101
JCB Compact Limited Harewood Estate Leek Road Cheadle Stoke on Trent ST10 2JW UK	9/26/03	3513	JCB 1CXHF	104	103	101
KOMATSU UTILITY EUROPA S.p.A Via Bergoncino 28, 36025 Noventa Vicentina (VI) IT	12/20/05	15090	SK 714-5	104	101	100

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ART12 Noise Limit by Equipment Code_2

* These limit figures are merely indicative for these types of equipment:

- walk-behind vibrating rollers<
- vibratory plates (>3kW)<
- vibratory rammers<
- dozers (steel tracked)<
- loaders (steel tracked >55 kW)<
- combustion-engine driven counterbalanced lift trucks<
- compacting screed paver-finishers<
- hand-held internal combustion-engine concrete-breakers and picks (15<m<30)
- lawnmowers, lawn trimmers/lawn-edge trimmers.

Definitive figures will depend on amendment of the Directive following the report required in Article 20(1).

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Equipment Noise by Type, Split by Power Category

21. EXCAVATOR-LOADERS (< 500 KW)

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
KOMATSU UTILITY EUROPA S.p.A Via Bergoncino 28, 36025 Noventa Vicentina (VI) IT	12/20/05	15091	SK 815	104	101	100
KOMATSU UTILITY EUROPA S.p.A Via Bergoncino 28, 36025 Noventa Vicentina (VI) IT	12/20/05	15092	SK 818	104	101	100

Net Installed Power Category : 000033

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
FIORI S.p.A. Via ,Per Ferrara 7 , Finale Emilia (MO) IT	3/18/02	10226	TF01M	104	101	100

Net Installed Power Category : 000032

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
Bobcat Company IR World Headquarters P.O. Box 6000 250 East Beaton Drive West Fargo, ND 58078-6000 US	8/2/04	8559	430**G	104	99	99
FIORI S.p.A. Via ,Per Ferrara 7 , Finale Emilia (MO) IT	11/7/05	13645	TF01M	104	101	99

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ART12 Noise Limit by Equipment Code_2

* These limit figures are merely indicative for these types of equipment:

- walk-behind vibrating rollers<
- vibratory plates (> 3kW)<
- vibratory rammers<
- dozers (steel tracked)<
- loaders (steel tracked > 55 kW)<
- combustion-engine driven counterbalanced lift trucks<
- compacting screed paver-finishers<
- hand-held internal combustion-engine concrete-breakers and picks (15<m<30)
- lawnmowers, lawn trimmers/lawn-edge trimmers.

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21. EXCAVATOR-LOADERS (< 500 KW)

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
FIORI S.p.A. Via ,Per Ferrara 7 , Finale Emilia (MO) IT	5/8/06	14903	Fiori -AL 450 /PF02M	101	101	100
HANIX Windmill Lane, Denton UK	10/24/07	EX_60378	H55DR	101	97	96

Net Installed Power Category : 000031

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
Bobcat Company IR World Headquarters P.O. Box 6000 250 East Beaton Drive West Fargo, ND 58078-6000 US	12/22/04	8535	430HAG	104	99	98
Bobcat Company IR World Headquarters P.O. Box 6000 250 East Beaton Drive West Fargo, ND 58078-6000 US	7/24/06	14775	335***G/ A16U	101	96	95
HANIX Windmill Lane, Denton UK	3/24/05	EX_60379	H56C	104	97	96
Nagano Industry CO., Ltd 3297-2, Yamata, Koshoku-Shi, Nagano JP	7/5/05	9901	H56C	104	97	96

Net Installed Power Category : 000030

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
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ART12 Noise Limit by Equipment Code_2

* These limit figures are merely indicative for these types of equipment:

- walk-behind vibrating rollers<
- vibratory plates (>3kW)<
- vibratory rammers<
- dozers (steel tracked)<
- loaders (steel tracked >55 kW)<
- combustion-engine driven counterbalanced lift trucks<
- compacting screed paver-finishers<
- hand-held internal combustion-engine concrete-breakers and picks (15<m<30)
- lawnmowers, lawn trimmers/lawn-edge trimmers.

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21. EXCAVATOR-LOADERS (< 500 KW)

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
Bobcat Company IR World Headquarters P.O. Box 6000 250 East Beaton Drive West Fargo, ND 58078-6000 US	12/5/03	4102	334**G	104	99	98
Bobcat Company IR World Headquarters P.O. Box 6000 250 East Beaton Drive West Fargo, ND 58078-6000 US	12/5/03	4103	331**G	104	99	98
Bobcat Company IR World Headquarters P.O. Box 6000 250 East Beaton Drive West Fargo, ND 58078-6000 US	12/5/03	4104	331E*G	104	99	98
Bobcat Company IR World Headquarters P.O. Box 6000 250 East Beaton Drive West Fargo, ND 58078-6000 US	12/5/03	4112	334**G - 2345	104	99	98
Bobcat Company IR World Headquarters P.O. Box 6000 250 East Beaton Drive West Fargo, ND 58078-6000 US	12/5/03	8529	331E*G	104	99	98
Bobcat Company IR World Headquarters P.O. Box 6000 250 East Beaton Drive West Fargo, ND 58078-6000 US	12/5/03	8530	331**G	104	99	98

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ART12 Noise Limit by Equipment Code_2

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- walk-behind vibrating rollers<
- vibratory plates (> 3kW)<
- vibratory rammers<
- dozers (steel tracked)<
- loaders (steel tracked > 55 kW)<
- combustion-engine driven counterbalanced lift trucks<
- compacting screed paver-finishers<
- hand-held internal combustion-engine concrete-breakers and picks (15<m<30)
- lawnmowers, lawn trimmers/lawn-edge trimmers.

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Equipment Noise by Type, Split by Power Category

21. EXCAVATOR-LOADERS (< 500 KW)

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
Bobcat Company IR World Headquarters P.O. Box 6000 250 East Beaton Drive West Fargo, ND 58078-6000 US	12/5/03	8531	334**G	104	99	98
Bobcat Company IR World Headquarters P.O. Box 6000 250 East Beaton Drive West Fargo, ND 58078-6000 US	11/2/04	8534	430*AG	104	99	99

Net Installed Power Category : 000028

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
Bobcat Company IR World Headquarters P.O. Box 6000 250 East Beaton Drive West Fargo, ND 58078-6000 US	12/6/01	4111	331E*D	104	99	98
Bobcat Company IR World Headquarters P.O. Box 6000 250 East Beaton Drive West Fargo, ND 58078-6000 US	12/6/01	4113	331**D	104	99	98
Takeuchi Mfg. Co., Ltd 205-3, Uwadaire, Sakaki-machi, Hanishina-gun, Nagano 389-0605 JP	2/28/03	3447	TB 53 FR	104	104	98

Situation on: 08/10/2018

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ART12 Noise Limit by Equipment Code_2

* These limit figures are merely indicative for these types of equipment:

- walk-behind vibrating rollers<
- vibratory plates (> 3kW)<
- vibratory rammers<
- dozers (steel tracked)<
- loaders (steel tracked > 55 kW)<
- combustion-engine driven counterbalanced lift trucks<
- compacting screed paver-finishers<
- hand-held internal combustion-engine concrete-breakers and picks (15$m$$30$)
- lawnmowers, lawn trimmers/lawn-edge trimmers.

Definitive figures will depend on amendment of the Directive following the report required in Article 20(1).

Consult all directive document at http://ec.europa.eu/growth/sectors/mechanical-engineering/noise-emissions/index_en



Equipment Noise by Type, Split by Power Category

21. EXCAVATOR-LOADERS (< 500 KW)

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
Takeuchi Mfg. Co., Ltd 205-3, Uwadaire, Sakaki-machi, Hanishina-gun, Nagano 389-0605 JP	3/4/03	3442	4TNE88-TB	104	98	0

Net Installed Power Category : 000024

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
CASE France S.A. 18 Place des Nymphéas - 93420 Villepinte FR	3/4/03	111	CA31EC	104	98	97
CASE France S.A. 18 Place des Nymphéas - 93420 Villepinte FR	3/4/03	112	CA35EC	104	98	97

Net Installed Power Category : 000023

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
KOMATSU UTILITY EUROPA S.p.A Via Bergoncino 28, 36025 Noventa Vicentina (VI) IT	1/20/05	15089	SK 510	104	101	99

Net Installed Power Category : 000022

Situation on: 08/10/2018

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ART12 Noise Limit by Equipment Code_2

* These limit figures are merely indicative for these types of equipment:

- walk-behind vibrating rollers<
- vibratory plates (>3kW)<
- vibratory rammers<
- dozers (steel tracked)<
- loaders (steel tracked >55 kW)<
- combustion-engine driven counterbalanced lift trucks<
- compacting screed paver-finishers<
- hand-held internal combustion-engine concrete-breakers and picks (15<m<30)
- lawnmowers, lawn trimmers/lawn-edge trimmers.

Definitive figures will depend on amendment of the Directive following the report required in Article 20(1).

Consult all directive document at http://ec.europa.eu/growth/sectors/mechanical-engineering/noise-emissions/index_en



Equipment Noise by Type, Split by Power Category

21. EXCAVATOR-LOADERS (< 500 KW)

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
Bobcat Company IR World Headquarters P.O. Box 6000 250 East Beaton Drive West Fargo, ND 58078-6000 US	8/3/06	14776	329**G / A2PG	101	95	93

Net Installed Power Category : 000021

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
ATLAS TEREX Schaeffst. 8, 74595 Langenburg DE	8/8/03	8220	AM 29 R Dach	104	97	95
ATLAS TEREX Schaeffst. 8, 74595 Langenburg DE	8/8/03	8221	AM 29 R Kabine	104	97	96
Bobcat Company IR World Headquarters P.O. Box 6000 250 East Beaton Drive West Fargo, ND 58078-6000 US	12/6/01	4114	328**D	104	97	95
Bobcat Company IR World Headquarters P.O. Box 6000 250 East Beaton Drive West Fargo, ND 58078-6000 US	12/6/01	4115	325**D	104	97	95
Bobcat Company IR World Headquarters P.O. Box 6000 250 East Beaton Drive West Fargo, ND 58078-6000 US	2/6/04	4105	328**G	104	97	96

Situation on: 08/10/2018

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ART12 Noise Limit by Equipment Code_2

* These limit figures are merely indicative for these types of equipment:

- walk-behind vibrating rollers<
- vibratory plates (>3kW)<
- vibratory rammers<
- dozers (steel tracked)<
- loaders (steel tracked >55 kW)<
- combustion-engine driven counterbalanced lift trucks<
- compacting screed paver-finishers<
- hand-held internal combustion-engine concrete-breakers and picks (15<m<30)
- lawnmowers, lawn trimmers/lawn-edge trimmers.

Definitive figures will depend on amendment of the Directive following the report required in Article 20(1).

Consult all directive document at http://ec.europa.eu/growth/sectors/mechanical-engineering/noise-emissions/index_en



Equipment Noise by Type, Split by Power Category

21. EXCAVATOR-LOADERS (< 500 KW)

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
Bobcat Company IR World Headquarters P.O. Box 6000 250 East Beaton Drive West Fargo, ND 58078-6000 US	2/6/04	4106	325**G	104	97	96
Bobcat Company IR World Headquarters P.O. Box 6000 250 East Beaton Drive West Fargo, ND 58078-6000 US	2/6/04	8527	325**G	104	97	96
Bobcat Company IR World Headquarters P.O. Box 6000 250 East Beaton Drive West Fargo, ND 58078-6000 US	2/6/04	8528	328**G	104	97	96
CNH France S.A. Siège social : Z.I. Paris Bord II 18 Place des Nymphéas 93 420 Villepinte FR	8/8/03	8224	EC 25	104	97	95
CNH France S.A. Siège social : Z.I. Paris Bord II 18 Place des Nymphéas 93 420 Villepinte FR	8/8/03	8225	EC 25 Cabin	104	97	96
Nagano Industry CO., Ltd 3297-2, Yamata, Koshoku-Shi, Nagano JP	7/5/05	9898	H36B	104	97	96
Nagano Industry CO., Ltd 3297-2, Yamata, Koshoku-Shi, Nagano JP	7/5/05	9899	H36R	104	98	97

Situation on: 08/10/2018

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ART12 Noise Limit by Equipment Code_2

* These limit figures are merely indicative for these types of equipment:

- walk-behind vibrating rollers<
- vibratory plates (> 3kW)<
- vibratory rammers<
- dozers (steel tracked)<
- loaders (steel tracked > 55 kW)<
- combustion-engine driven counterbalanced lift trucks<
- compacting screed paver-finishers<
- hand-held internal combustion-engine concrete-breakers and picks (15<m<30)
- lawnmowers, lawn trimmers/lawn-edge trimmers.

Definitive figures will depend on amendment of the Directive following the report required in Article 20(1).

Consult all directive document at http://ec.europa.eu/growth/sectors/mechanical-engineering/noise-emissions/index_en



Equipment Noise by Type, Split by Power Category

21. EXCAVATOR-LOADERS (< 500 KW)

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
Nagano Industry CO., Ltd 3297-2, Yamata, Koshoku-Shi, Nagano JP	7/5/05	9900	H50C	104	99	97
Takeuchi Mfg. Co., Ltd 205-3, Uwadaire, Sakaki-machi, Hanishina-gun, Nagano 389-0605 JP	3/4/03	3441	3TNE88-TB	104	96	0

Net Installed Power Category : 000020

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
Bobcat Company IR World Headquarters P.O. Box 6000 250 East Beaton Drive West Fargo, ND 58078-6000 US	1/15/07	15699	Excavator 428**G - A520 - 11001	101	94	94
HANIX Windmill Lane, Denton UK	7/12/05	EX_60376	H36C	104	94	93
HANIX Windmill Lane, Denton UK	7/3/06	EX_60377	H36CR	101	94	93

Net Installed Power Category : 000019

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
Nagano Industry CO., Ltd 3297-2, Yamata, Koshoku-Shi, Nagano JP	7/5/05	9897	H26B	104	95	94

Situation on: 08/10/2018

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ART12 Noise Limit by Equipment Code_2

* These limit figures are merely indicative for these types of equipment:

- walk-behind vibrating rollers<
- vibratory plates (>3kW)<
- vibratory rammers<
- dozers (steel tracked)<
- loaders (steel tracked >55 kW)<
- combustion-engine driven counterbalanced lift trucks<
- compacting screed paver-finishers<
- hand-held internal combustion-engine concrete-breakers and picks (15<m<30)
- lawnmowers, lawn trimmers/lawn-edge trimmers.

Definitive figures will depend on amendment of the Directive following the report required in Article 20(1).

Consult all directive document at http://ec.europa.eu/growth/sectors/mechanical-engineering/noise-emissions/index_en



Equipment Noise by Type, Split by Power Category

21. EXCAVATOR-LOADERS (< 500 KW)

Net Installed Power Category : 000018

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
Ditch Witch Underground. The Charles Machine Works, Inc. PO BOX 66 1959 West Fir Avenue Perry, Oklahoma 73077-0066 US	10/21/04	8585	XT850	104	105	103
HANIX Windmill Lane, Denton UK	5/21/05	EX_60375	H26C	104	94	92
Mertz Manufacturing LLC Ponca City, OK USA UK	12/14/06	15238	"427"	101	0	103
Mertz Manufacturing LLC Ponca City, OK USA UK	12/14/06	15238	"Boxer"	101	0	103

Net Installed Power Category : 000017

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
Takeuchi Mfg. Co., Ltd 205-3, Uwadaire, Sakaki-machi, Hanishina-gun, Nagano 389-0605 JP	3/4/03	3439	3TNE82A	104	95	0
Takeuchi Mfg. Co., Ltd 205-3, Uwadaire, Sakaki-machi, Hanishina-gun, Nagano 389-0605 JP	3/4/03	3446	3TNE82A-TB	104	96	0

Situation on: 08/10/2018

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ART12 Noise Limit by Equipment Code_2

* These limit figures are merely indicative for these types of equipment:

- walk-behind vibrating rollers<
- vibratory plates (>3kW)<
- vibratory rammers<
- dozers (steel tracked)<
- loaders (steel tracked >55 kW)<
- combustion-engine driven counterbalanced lift trucks<
- compacting screed paver-finishers<
- hand-held internal combustion-engine concrete-breakers and picks (15<m<30)
- lawnmowers, lawn trimmers/lawn-edge trimmers.

Definitive figures will depend on amendment of the Directive following the report required in Article 20(1).

Consult all directive document at http://ec.europa.eu/growth/sectors/mechanical-engineering/noise-emissions/index_en



Equipment Noise by Type, Split by Power Category

21. EXCAVATOR-LOADERS (< 500 KW)

Net Installed Power Category : 000016

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
KOMATSU UTILITY EUROPA S.p.A Via Bergoncino 28, 36025 Noventa Vicentina (VI) IT	11/20/05	15088	SK 14J-2	104	101	100
Kubota Corporation 64 Ishizu-kitamachi Sakai-city, Osaka JP	2/28/03	7818	Mini-Excavator U25-3	104	96	92
Kubota Corporation 64 Ishizu-kitamachi Sakai-city, Osaka JP	4/24/03	7816	D1105-EBH-11	104	93	0

Net Installed Power Category : 000014

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
Kubota Corporation 64 Ishizu-kitamachi Sakai-city, Osaka JP	9/10/02	10862	U-20	104	96	91
Kubota Corporation 64 Ishizu-kitamachi Sakai-city, Osaka JP	11/5/02	10865	U-20	104	92	0
Kubota Corporation 64 Ishizu-kitamachi Sakai-city, Osaka JP	2/28/03	7817	Mini-Excavator U20-3	104	96	92
Kubota Corporation 64 Ishizu-kitamachi Sakai-city, Osaka JP	4/24/03	7815	D1105-EBH-10	104	93	0

Net Installed Power Category : 000013

Situation on: 08/10/2018

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ART12 Noise Limit by Equipment Code_2

* These limit figures are merely indicative for these types of equipment:

- walk-behind vibrating rollers<
- vibratory plates (>3kW)<
- vibratory rammers<
- dozers (steel tracked)<
- loaders (steel tracked >55 kW)<
- combustion-engine driven counterbalanced lift trucks<
- compacting screed paver-finishers<
- hand-held internal combustion-engine concrete-breakers and picks (15<m<30)
- lawnmowers, lawn trimmers/lawn-edge trimmers.

Definitive figures will depend on amendment of the Directive following the report required in Article 20(1).

Consult all directive document at http://ec.europa.eu/growth/sectors/mechanical-engineering/noise-emissions/index_en



Equipment Noise by Type, Split by Power Category

21. EXCAVATOR-LOADERS (< 500 KW)

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
ATLAS TEREX Schaeffst. 8, 74595 Langenburg DE	10/1/03	3231	AM 15R Schutzdach/ 00015R	104	94	0
ATLAS TEREX Schaeffst. 8, 74595 Langenburg DE	10/1/03	3232	AM 16 R Kabine/ 00016R	104	95	94
ATLAS TEREX Schaeffst. 8, 74595 Langenburg DE	10/1/03	3233	AM 16 R Schutzdach/ 00016R	104	94	0
ATLAS TEREX Schaeffst. 8, 74595 Langenburg DE	10/1/03	3234	AM 21 R Kabine/ 00021R	104	95	94
ATLAS TEREX Schaeffst. 8, 74595 Langenburg DE	10/1/03	3235	AM 21 R Schutzdach/ 00021R	104	94	0
HANIX Windmill Lane, Denton UK	1/15/01	EX_60373	H15B Plus-2	104	95	93
HANIX Windmill Lane, Denton UK	1/18/01	EX_60372	H15B-2	104	95	93
HANIX Windmill Lane, Denton UK	7/18/01	EX_60374	H22B	104	92	92
Nagano Industry CO., Ltd 3297-2, Yamata, Koshoku-Shi, Nagano JP	7/5/05	9896	H22C	104	92	92
Schaeff-Terex GmbH & Co. KG Schaeffstrasse8. D-74595 Langenburg DE	10/1/03	3229	HR 13 Dach/ 1300	104	94	0

Net Installed Power Category : 000012

Situation on: 08/10/2018

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ART12 Noise Limit by Equipment Code_2

* These limit figures are merely indicative for these types of equipment:

- walk-behind vibrating rollers<
- vibratory plates (>3kW)<
- vibratory rammers<
- dozers (steel tracked)<
- loaders (steel tracked >55 kW)<
- combustion-engine driven counterbalanced lift trucks<
- compacting screed paver-finishers<
- hand-held internal combustion-engine concrete-breakers and picks (15<m<30)
- lawnmowers, lawn trimmers/lawn-edge trimmers.

Definitive figures will depend on amendment of the Directive following the report required in Article 20(1).

Consult all directive document at http://ec.europa.eu/growth/sectors/mechanical-engineering/noise-emissions/index_en



Equipment Noise by Type, Split by Power Category

21. EXCAVATOR-LOADERS (< 500 KW)

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
Bobcat Company IR World Headquarters P.O. Box 6000 250 East Beaton Drive West Fargo, ND 58078-6000 US	12/6/01	4116	322**D	104	96	95
Bobcat Company IR World Headquarters P.O. Box 6000 250 East Beaton Drive West Fargo, ND 58078-6000 US	12/6/01	4117	320**D	104	96	93
Bobcat Company IR World Headquarters P.O. Box 6000 250 East Beaton Drive West Fargo, ND 58078-6000 US	12/2/02	4107	322**G	104	96	94
Bobcat Company IR World Headquarters P.O. Box 6000 250 East Beaton Drive West Fargo, ND 58078-6000 US	12/2/02	4108	320**G	104	96	94
Bobcat Company IR World Headquarters P.O. Box 6000 250 East Beaton Drive West Fargo, ND 58078-6000 US	3/14/05	8523	320**G	104	96	94
Bobcat Company IR World Headquarters P.O. Box 6000 250 East Beaton Drive West Fargo, ND 58078-6000 US	3/14/05	8525	322**G	104	96	94

Situation on: 08/10/2018

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ART12 Noise Limit by Equipment Code_2

* These limit figures are merely indicative for these types of equipment:

- walk-behind vibrating rollers<
- vibratory plates (> 3kW)<
- vibratory rammers<
- dozers (steel tracked)<
- loaders (steel tracked > 55 kW)<
- combustion-engine driven counterbalanced lift trucks<
- compacting screed paver-finishers<
- hand-held internal combustion-engine concrete-breakers and picks (15$m$$30$)
- lawnmowers, lawn trimmers/lawn-edge trimmers.

Definitive figures will depend on amendment of the Directive following the report required in Article 20(1).

Consult all directive document at http://ec.europa.eu/growth/sectors/mechanical-engineering/noise-emissions/index_en



Equipment Noise by Type, Split by Power Category

21. EXCAVATOR-LOADERS (< 500 KW)

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
Bobcat Company IR World Headquarters P.O. Box 6000 250 East Beaton Drive West Fargo, ND 58078-6000 US	4/13/05	8524	320**J	104	96	94

Net Installed Power Category : 000010

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
Bobcat Company IR World Headquarters P.O. Box 6000 250 East Beaton Drive West Fargo, ND 58078-6000 US	4/13/05	8526	323**J	104	94	91
Bobcat Company IR World Headquarters P.O. Box 6000 250 East Beaton Drive West Fargo, ND 58078-6000 US	5/22/07	16396	^323K	101	91	90

Net Installed Power Category : 000009

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
Kubota Corporation 64 Ishizu-kitamachi Sakai-city, Osaka JP	9/10/02	10861	U-15	104	96	91
Kubota Corporation 64 Ishizu-kitamachi Sakai-city, Osaka JP	11/5/02	10864	U-15	104	91	0

Situation on: 08/10/2018

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ART12 Noise Limit by Equipment Code_2

* These limit figures are merely indicative for these types of equipment:

- walk-behind vibrating rollers<
- vibratory plates (>3kW)<
- vibratory rammers<
- dozers (steel tracked)<
- loaders (steel tracked >55 kW)<
- combustion-engine driven counterbalanced lift trucks<
- compacting screed paver-finishers<
- hand-held internal combustion-engine concrete-breakers and picks (15<m<30)
- lawnmowers, lawn trimmers/lawn-edge trimmers.

Definitive figures will depend on amendment of the Directive following the report required in Article 20(1).

Consult all directive document at http://ec.europa.eu/growth/sectors/mechanical-engineering/noise-emissions/index_en



Equipment Noise by Type, Split by Power Category

21. EXCAVATOR-LOADERS (< 500 KW)

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
Takeuchi Mfg. Co., Ltd 205-3, Uwadaire, Sakaki-machi, Hanishina-gun, Nagano 389-0605 JP	3/4/03	3438	3TNE68-NTB	104	95	0
Takeuchi Mfg. Co., Ltd 205-3, Uwadaire, Sakaki-machi, Hanishina-gun, Nagano 389-0605 JP	3/4/03	3445	3TNE68-TB	104	93	0

Net Installed Power Category : 000008

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
HANIX Windmill Lane, Denton UK	2/13/09	EX_60371	H09D	101	93	92

Net Installed Power Category : 000007

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
HANIX Windmill Lane, Denton UK	12/23/99	EX_60370	H08B	104	96	95
Kubota Corporation 64 Ishizu-kitamachi Sakai-city, Osaka JP	10/29/02	10860	K-008	104	96	90
Kubota Corporation 64 Ishizu-kitamachi Sakai-city, Osaka JP	11/5/02	10863	K-008	104	90	0

Situation on: 08/10/2018

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ART12 Noise Limit by Equipment Code_2

* These limit figures are merely indicative for these types of equipment:

- walk-behind vibrating rollers<
- vibratory plates (>3kW)<
- vibratory rammers<
- dozers (steel tracked)<
- loaders (steel tracked >55 kW)<
- combustion-engine driven counterbalanced lift trucks<
- compacting screed paver-finishers<
- hand-held internal combustion-engine concrete-breakers and picks (15<m<30)
- lawnmowers, lawn trimmers/lawn-edge trimmers.

Definitive figures will depend on amendment of the Directive following the report required in Article 20(1).

Consult all directive document at http://ec.europa.eu/growth/sectors/mechanical-engineering/noise-emissions/index_en1



Equipment Noise by Type, Split by Power Category

21. EXCAVATOR-LOADERS (< 500 KW)

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
Kubota Corporation 64 Ishizu-kitamachi Sakai-city, Osaka JP	1/21/03	7372	Mini-Excavator - K008-3	104	90	89
Kubota Corporation 64 Ishizu-kitamachi Sakai-city, Osaka JP	1/21/03	7374	Mini-Excavator - U10-3	104	89	88
Kubota Corporation 64 Ishizu-kitamachi Sakai-city, Osaka JP	3/4/04	7373	K008-3	104	90	0
Nagano Industry CO., Ltd 3297-2, Yamata, Koshoku-Shi, Nagano JP	7/5/05	9893	Mini-Excavator H08B	104	96	95
Takeuchi Mfg. Co., Ltd 205-3, Uwadaire, Sakaki-machi, Hanishina-gun, Nagano 389-0605 JP	3/4/03	3440	2TNE68-ETNBA	104	93	0

Net Installed Power Category : 000002

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
Nagano Industry CO., Ltd 3297-2, Yamata, Koshoku-Shi, Nagano JP	7/5/05	9894	H15B-2	104	95	93
Nagano Industry CO., Ltd 3297-2, Yamata, Koshoku-Shi, Nagano JP	7/5/05	9895	H15Bplus-2	104	95	93

Net Installed Power Category**P > 55(Kilowatts)**

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ART12 Noise Limit by Equipment Code_2

* These limit figures are merely indicative for these types of equipment:

- walk-behind vibrating rollers<
- vibratory plates (>3kW)<
- vibratory rammers<
- dozers (steel tracked)<
- loaders (steel tracked >55 kW)<
- combustion-engine driven counterbalanced lift trucks<
- compacting screed paver-finishers<
- hand-held internal combustion-engine concrete-breakers and picks (15<m<30)
- lawnmowers, lawn trimmers/lawn-edge trimmers.

Definitive figures will depend on amendment of the Directive following the report required in Article 20(1).

Consult all directive document at http://ec.europa.eu/growth/sectors/mechanical-engineering/noise-emissions/index_en



Equipment Noise by Type, Split by Power Category

21. EXCAVATOR-LOADERS (< 500 KW)

Net Installed Power Category



Net Installed Power Category : Not Given

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
IR Ingersoll - Rand Company Limited Tool and Hoist Division Swan Lane Hindley Green Wigan WN2 4EZ UK	1/1/02	6835	93-EU Diggers		107	106
Newcat Plant Services Ltd Unit 1, Beta Block, Orchard Trading Estate, Toddington Cheltenham, Gloucestershire GL 54 5EB UK	3/6/06	15078			0	0
Palazzani Industrie spa Via del Pavione, 4 - 25050 Paderno F.C. (BS) IT	7/24/02	10645	PB 30E CON CABINA		0	0
Palazzani Industrie spa Via del Pavione, 4 - 25050 Paderno F.C. (BS) IT	7/24/02	10646	PB 30E CON TETTUCCIO		0	0
Palazzani Industrie spa Via del Pavione, 4 - 25050 Paderno F.C. (BS) IT	7/24/02	10647	PB 30P CON CABINA		0	0
Palazzani Industrie spa Via del Pavione, 4 - 25050 Paderno F.C. (BS) IT	7/24/02	10648	PB 30P CON TETTUCCIO		0	0

Situation on: 08/10/2018

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ART12 Noise Limit by Equipment Code_2

* These limit figures are merely indicative for these types of equipment:

- walk-behind vibrating rollers<
- vibratory plates (>3kW)<
- vibratory rammers<
- dozers (steel tracked)<
- loaders (steel tracked >55 kW)<
- combustion-engine driven counterbalanced lift trucks<
- compacting screed paver-finishers<
- hand-held internal combustion-engine concrete-breakers and picks (15<m<30)
- lawnmowers, lawn trimmers/lawn-edge trimmers.

Definitive figures will depend on amendment of the Directive following the report required in Article 20(1).

Consult all directive document at http://ec.europa.eu/growth/sectors/mechanical-engineering/noise-emissions/index_en



Equipment Noise by Type, Split by Power Category

21. EXCAVATOR-LOADERS (< 500 KW)

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
Palazzani Industrie spa Via del Pavione, 4 - 25050 Paderno F.C. (BS) IT	7/24/02	10649	PB 70P		0	0
Palazzani Industrie spa Via del Pavione, 4 - 25050 Paderno F.C. (BS) IT	7/24/02	10650	PB 80E		0	0
Palazzani Industrie spa Via del Pavione, 4 - 25050 Paderno F.C. (BS) IT	7/24/02	10651	PB 90.2		0	0
Palazzani Industrie spa Via del Pavione, 4 - 25050 Paderno F.C. (BS) IT	11/28/02	11418	PB 50E		0	0
Palazzani Industrie spa Via del Pavione, 4 - 25050 Paderno F.C. (BS) IT	11/28/02	11419	PB 60E		0	0
Palazzani Industrie spa Via del Pavione, 4 - 25050 Paderno F.C. (BS) IT	11/28/02	11420	PL 35 CON CABINA		0	0

Net Installed Power Category : 000327

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
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Situation on: 08/10/2018

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ART12 Noise Limit by Equipment Code_2

* These limit figures are merely indicative for these types of equipment:

- walk-behind vibrating rollers<
- vibratory plates (>3kW)<
- vibratory rammers<
- dozers (steel tracked)<
- loaders (steel tracked >55 kW)<
- combustion-engine driven counterbalanced lift trucks<
- compacting screed paver-finishers<
- hand-held internal combustion-engine concrete-breakers and picks (15<m<30)
- lawnmowers, lawn trimmers/lawn-edge trimmers.

Definitive figures will depend on amendment of the Directive following the report required in Article 20(1).

Consult all directive document at http://ec.europa.eu/growth/sectors/mechanical-engineering/noise-emissions/index_en



Equipment Noise by Type, Split by Power Category

21. EXCAVATOR-LOADERS (< 500 KW)

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
Komatsu Europe International .nv. Mechelsesteenweg 586, 1800 Vilvoorde BE	3/13/03	14148	WA600-3D	113	113	111

Net Installed Power Category : 000221

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
Volvo Construction Equipment Korea Ltd. 1, Guehyun-Dong, Changwon-City Kyungnam, 641-430 KR	10/9/01	10709	EC 460	111	108	108
Volvo Construction Equipment Korea Ltd. 1, Guehyun-Dong, Changwon-City Kyungnam, 641-430 KR	11/16/01	7103	EC 460	111	108	108

Net Installed Power Category : 000216

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
NEW HOLLAND KOBELCO CONSTRUCTION MACHINERY S.p.A Strada Settimo, 323 -I - 10099 S. Mauro Torinese (Torino) IT	1/2/06	15129	W270 (W271)	111	108	107

Net Installed Power Category : 000184

Situation on: 08/10/2018

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ART12 Noise Limit by Equipment Code_2

* These limit figures are merely indicative for these types of equipment:

- walk-behind vibrating rollers<
- vibratory plates (>3kW)<
- vibratory rammers<
- dozers (steel tracked)<
- loaders (steel tracked >55 kW)<
- combustion-engine driven counterbalanced lift trucks<
- compacting screed paver-finishers<
- hand-held internal combustion-engine concrete-breakers and picks (15<m<30)
- lawnmowers, lawn trimmers/lawn-edge trimmers.

Definitive figures will depend on amendment of the Directive following the report required in Article 20(1).

Consult all directive document at http://ec.europa.eu/growth/sectors/mechanical-engineering/noise-emissions/index_en



Equipment Noise by Type, Split by Power Category

21. EXCAVATOR-LOADERS (< 500 KW)

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
Volvo Construction Equipment Korea Ltd. 1, Guehyun-Dong, Changwon-City Kyungnam, 641-430 KR	10/9/01	10708	EC 360	110	106	106
Volvo Construction Equipment Korea Ltd. 1, Guehyun-Dong, Changwon-City Kyungnam, 641-430 KR	11/16/01	7102	EC 360	110	106	106

Net Installed Power Category : 000179

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
NEW HOLLAND KOBELCO CONSTRUCTION MACHINERY S.p.A Strada Settimo, 323 -I - 10099 S. Mauro Torinese (Torino) IT	1/2/06	15128	W230 (W231)	110	107	106

Net Installed Power Category : 000169

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
JCB Heavy Products LTD Lakeside Works Rocester Staffordshire ST14 5JP UK	2/5/02	6653	JS330NLC	110	108	107

Net Installed Power Category : 000155

Situation on: 08/10/2018

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ART12 Noise Limit by Equipment Code_2

* These limit figures are merely indicative for these types of equipment:

- walk-behind vibrating rollers<
- vibratory plates (>3kW)<
- vibratory rammers<
- dozers (steel tracked)<
- loaders (steel tracked >55 kW)<
- combustion-engine driven counterbalanced lift trucks<
- compacting screed paver-finishers<
- hand-held internal combustion-engine concrete-breakers and picks (15<m<30)
- lawnmowers, lawn trimmers/lawn-edge trimmers.

Definitive figures will depend on amendment of the Directive following the report required in Article 20(1).

Consult all directive document at http://ec.europa.eu/growth/sectors/mechanical-engineering/noise-emissions/index_en



Equipment Noise by Type, Split by Power Category

21. EXCAVATOR-LOADERS (< 500 KW)

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
NEW HOLLAND KOBELCO CONSTRUCTION MACHINERY S.p.A Strada Settimo, 323 -I - 10099 S. Mauro Torinese (Torino) IT	1/2/06	15127	W190 (W191)	109	106	104

Net Installed Power Category : 000147

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
Volvo Construction Equipment Korea Ltd. 1, Guehyun-Dong, Changwon-City Kyungnam, 641-430 KR	10/9/01	10707	EC 290	109	106	105
Volvo Construction Equipment Korea Ltd. 1, Guehyun-Dong, Changwon-City Kyungnam, 641-430 KR	11/16/01	7101	EC 290	109	106	105

Net Installed Power Category : 000145

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
NEW HOLLAND KOBELCO CONSTRUCTION MACHINERY S.p.A Strada Settimo, 323 -I - 10099 S. Mauro Torinese (Torino) IT	1/2/06	15126	W170 (W171)	109	105	105

Situation on: 08/10/2018

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ART12 Noise Limit by Equipment Code_2

* These limit figures are merely indicative for these types of equipment:

- walk-behind vibrating rollers<
- vibratory plates (>3kW)<
- vibratory rammers<
- dozers (steel tracked)<
- loaders (steel tracked >55 kW)<
- combustion-engine driven counterbalanced lift trucks<
- compacting screed paver-finishers<
- hand-held internal combustion-engine concrete-breakers and picks (15<m<30)
- lawnmowers, lawn trimmers/lawn-edge trimmers.

Definitive figures will depend on amendment of the Directive following the report required in Article 20(1).

Consult all directive document at http://ec.europa.eu/growth/sectors/mechanical-engineering/noise-emissions/index_en



Equipment Noise by Type, Split by Power Category

21. EXCAVATOR-LOADERS (< 500 KW)

Net Installed Power Category : 000142

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
Schaeff-Terex GmbH & Co. KG Schaeffstrasse8. D-74595 Langenburg DE	7/20/04	254	TE 210	109	105	0

Net Installed Power Category : 000125

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
Volvo Construction Equipment Korea Ltd. 1, Guehyun-Dong, Changwon-City Kyungnam, 641-430 KR	10/9/01	10706	EC 240	108	105	104
Volvo Construction Equipment Korea Ltd. 1, Guehyun-Dong, Changwon-City Kyungnam, 641-430 KR	11/16/01	7100	EC 240	108	105	104

Net Installed Power Category : 000115

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
JCB Heavy Products LTD Lakeside Works Rocester Staffordshire ST14 5JP UK	1/28/02	6652	JS240NLC	108	106	105

Net Installed Power Category : 000114

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ART12 Noise Limit by Equipment Code_2

* These limit figures are merely indicative for these types of equipment:

- walk-behind vibrating rollers<
- vibratory plates (>3kW)<
- vibratory rammers<
- dozers (steel tracked)<
- loaders (steel tracked >55 kW)<
- combustion-engine driven counterbalanced lift trucks<
- compacting screed paver-finishers<
- hand-held internal combustion-engine concrete-breakers and picks (15<m<30)
- lawnmowers, lawn trimmers/lawn-edge trimmers.

Definitive figures will depend on amendment of the Directive following the report required in Article 20(1).

Consult all directive document at http://ec.europa.eu/growth/sectors/mechanical-engineering/noise-emissions/index_en.htm



Equipment Noise by Type, Split by Power Category

21. EXCAVATOR-LOADERS (< 500 KW)

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
Hyundai Heavy Industries Co., Ltd 1, Cheonha-Dong, Dong-Ku, Ulsan, The Republic of Korea KR	10/31/06	16076	ROBEX 200 W-7	105	103	103
Hyundai Heavy Industries Co., Ltd 1, Cheonha-Dong, Dong-Ku, Ulsan, The Republic of Korea KR	10/31/06	16077	ROBEX 200 W-7A	105	103	102

Net Installed Power Category : 000110

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
Lännen Engineering Oy Hirvikoskentie 242 32210 Loimaa kk FI	4/11/03	7388	880C/220C	107	104	101
NEW HOLLAND KOBELCO CONSTRUCTION MACHINERY S.p.A Strada Settimo, 323 -I - 10099 S. Mauro Torinese (Torino) IT	2/1/06	15125	W130 (W131)	104	104	104

Net Installed Power Category : 000107

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
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ART12 Noise Limit by Equipment Code_2

* These limit figures are merely indicative for these types of equipment:

- walk-behind vibrating rollers<
- vibratory plates (>3kW)<
- vibratory rammers<
- dozers (steel tracked)<
- loaders (steel tracked >55 kW)<
- combustion-engine driven counterbalanced lift trucks<
- compacting screed paver-finishers<
- hand-held internal combustion-engine concrete-breakers and picks (15<m<30)
- lawnmowers, lawn trimmers/lawn-edge trimmers.

Definitive figures will depend on amendment of the Directive following the report required in Article 20(1).

Consult all directive document at http://ec.europa.eu/growth/sectors/mechanical-engineering/noise-emissions/index_en



Equipment Noise by Type, Split by Power Category

21. EXCAVATOR-LOADERS (< 500 KW)

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
Volvo Construction Equipment Korea Ltd. 1, Guehyun-Dong, Changwon-City Kyungnam, 641-430 KR	9/10/01	10702	EC 210	107	103	103
Volvo Construction Equipment Korea Ltd. 1, Guehyun-Dong, Changwon-City Kyungnam, 641-430 KR	10/9/01	10703	EC 210	107	103	102
Volvo Construction Equipment Korea Ltd. 1, Guehyun-Dong, Changwon-City Kyungnam, 641-430 KR	10/9/01	10705	EC 210	107	103	102
Volvo Construction Equipment Korea Ltd. 1, Guehyun-Dong, Changwon-City Kyungnam, 641-430 KR	10/9/01	10711	EW 170	107	102	101
Volvo Construction Equipment Korea Ltd. 1, Guehyun-Dong, Changwon-City Kyungnam, 641-430 KR	11/16/01	7099	EC 210	107	103	102
Volvo Construction Equipment Korea Ltd. 1, Guehyun-Dong, Changwon-City Kyungnam, 641-430 KR	11/16/01	7105	EW 170	107	102	101

Net Installed Power Category : 000099

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
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ART12 Noise Limit by Equipment Code_2

* These limit figures are merely indicative for these types of equipment:

- walk-behind vibrating rollers<
- vibratory plates (>3kW)<
- vibratory rammers<
- dozers (steel tracked)<
- loaders (steel tracked >55 kW)<
- combustion-engine driven counterbalanced lift trucks<
- compacting screed paver-finishers<
- hand-held internal combustion-engine concrete-breakers and picks (15<m<30)
- lawnmowers, lawn trimmers/lawn-edge trimmers.

Definitive figures will depend on amendment of the Directive following the report required in Article 20(1).

Consult all directive document at http://ec.europa.eu/growth/sectors/mechanical-engineering/noise-emissions/index_en



Equipment Noise by Type, Split by Power Category

21. EXCAVATOR-LOADERS (< 500 KW)

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
Lännen Engineering Oy Hirvikoskentie 242 32210 Loimaa kk FI	4/11/03	7389	860C/120C	107	102	99

Net Installed Power Category : 000098

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
JCB Heavy Products LTD Lakeside Works Rocester Staffordshire ST14 5JP UK	2/5/02	6657	JS200W MON	107	103	102

Net Installed Power Category : 000097

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
A/S Hydrema Produktion Gl. Kirkevej 16 DK	11/23/09	EX_60798	Hydrema 926D	104	103	102
A/S Hydrema Produktion Gl. Kirkevej 16 DK	11/23/09	EX_60799	Hydrema 928D	104	103	102

Net Installed Power Category : 000095

Situation on: 08/10/2018

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ART12 Noise Limit by Equipment Code_2

* These limit figures are merely indicative for these types of equipment:

- walk-behind vibrating rollers<
- vibratory plates (>3kW)<
- vibratory rammers<
- dozers (steel tracked)<
- loaders (steel tracked >55 kW)<
- combustion-engine driven counterbalanced lift trucks<
- compacting screed paver-finishers<
- hand-held internal combustion-engine concrete-breakers and picks (15<m<30)
- lawnmowers, lawn trimmers/lawn-edge trimmers.

Definitive figures will depend on amendment of the Directive following the report required in Article 20(1).

Consult all directive document at http://ec.europa.eu/growth/sectors/mechanical-engineering/noise-emissions/index_en



Equipment Noise by Type, Split by Power Category

21. EXCAVATOR-LOADERS (< 500 KW)

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
JCB Heavy Products LTD Lakeside Works Rocester Staffordshire ST14 5JP UK	1/28/02	6651	JS200L	107	0	0

Net Installed Power Category : 000093

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
Caterpillar (U.K.) Limited Peckleton Lane Desford Leics England GB-LE9 9JT UK	5/30/02	5097	928G - 7SR00000	107	107	105
Caterpillar (U.K.) Limited Peckleton Lane Desford Leics England GB-LE9 9JT UK	5/30/02	5098	928G - 7SR00000	107	101	100
Caterpillar (U.K.) Limited Peckleton Lane Desford Leics England GB-LE9 9JT UK	5/30/02	5099	IT28G - 9AR00000	107	101	100
Caterpillar (U.K.) Limited Peckleton Lane Desford Leics England GB-LE9 9JT UK	5/30/02	5100	IT28G - 9AR00000	107	107	105

Net Installed Power Category : 000087

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
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Situation on: 08/10/2018

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ART12 Noise Limit by Equipment Code_2

* These limit figures are merely indicative for these types of equipment:

- walk-behind vibrating rollers<
- vibratory plates (>3kW)<
- vibratory rammers<
- dozers (steel tracked)<
- loaders (steel tracked >55 kW)<
- combustion-engine driven counterbalanced lift trucks<
- compacting screed paver-finishers<
- hand-held internal combustion-engine concrete-breakers and picks (15<m<30)
- lawnmowers, lawn trimmers/lawn-edge trimmers.

Definitive figures will depend on amendment of the Directive following the report required in Article 20(1).

Consult all directive document at http://ec.europa.eu/growth/sectors/mechanical-engineering/noise-emissions/index_en



Equipment Noise by Type, Split by Power Category

21. EXCAVATOR-LOADERS (< 500 KW)

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
Hyundai Heavy Industries Co., Ltd 1, Cheonha-Dong, Dong-Ku, Ulsan, The Republic of Korea KR	11/14/03	11945	ROBEX160L C-7	106	102	101
Hyundai Heavy Industries Co., Ltd 1, Cheonha-Dong, Dong-Ku, Ulsan, The Republic of Korea KR	11/14/03	11946	ROBEX170W -7	106	102	102
Hyundai Heavy Industries Co., Ltd 1, Cheonha-Dong, Dong-Ku, Ulsan, The Republic of Korea KR	10/31/06	16074	ROBEX 170 W-7	103	101	100
Hyundai Heavy Industries Co., Ltd 1, Cheonha-Dong, Dong-Ku, Ulsan, The Republic of Korea KR	10/31/06	16075	ROBEX 170W-7A	103	101	101

Net Installed Power Category : 000085

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
Caterpillar (U.K.) Limited Peckleton Lane Desford Leics England GB-LE9 9JT UK	5/30/02	5101	924GZ - 3DZ00000	106	106	105
Caterpillar (U.K.) Limited Peckleton Lane Desford Leics England GB-LE9 9JT UK	5/30/02	5102	924GZ - 3DZ00000	106	100	99

Situation on: 08/10/2018

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ART12 Noise Limit by Equipment Code_2

* These limit figures are merely indicative for these types of equipment:

- walk-behind vibrating rollers<
- vibratory plates (>3kW)<
- vibratory rammers<
- dozers (steel tracked)<
- loaders (steel tracked >55 kW)<
- combustion-engine driven counterbalanced lift trucks<
- compacting screed paver-finishers<
- hand-held internal combustion-engine concrete-breakers and picks (15<m<30)
- lawnmowers, lawn trimmers/lawn-edge trimmers.

Definitive figures will depend on amendment of the Directive following the report required in Article 20(1).

Consult all directive document at http://ec.europa.eu/growth/sectors/mechanical-engineering/noise-emissions/index_en1



Equipment Noise by Type, Split by Power Category

21. EXCAVATOR-LOADERS (< 500 KW)

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
Caterpillar (U.K.) Limited Peckleton Lane Desford Leics England GB-LE9 9JT UK	5/30/02	5103	924G - 3PZ00000	106	100	99
Caterpillar (U.K.) Limited Peckleton Lane Desford Leics England GB-LE9 9JT UK	5/30/02	5104	924G - 3PZ00000	106	106	105

Net Installed Power Category : 000083

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
Hitachi Construction Machinery Co., Ltd Tsuchiura Works 650, Kandatsu-machi, Ttsuchiura-shi, Ibaraki-ken, 300-0013 JP	1/2/06	15308	ZX130W	106	100	99

Net Installed Power Category : 000082

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
Lännen Engineering Oy Hirvikoskentie 242 32210 Loimaa kk FI	4/11/03	7390	820S	106	104	103

Net Installed Power Category : 000081

Situation on: 08/10/2018

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ART12 Noise Limit by Equipment Code_2

* These limit figures are merely indicative for these types of equipment:

- walk-behind vibrating rollers<
- vibratory plates (>3kW)<
- vibratory rammers<
- dozers (steel tracked)<
- loaders (steel tracked >55 kW)<
- combustion-engine driven counterbalanced lift trucks<
- compacting screed paver-finishers<
- hand-held internal combustion-engine concrete-breakers and picks (15<m<30)
- lawnmowers, lawn trimmers/lawn-edge trimmers.

Definitive figures will depend on amendment of the Directive following the report required in Article 20(1).

Consult all directive document at http://ec.europa.eu/growth/sectors/mechanical-engineering/noise-emissions/index_en



Equipment Noise by Type, Split by Power Category

21. EXCAVATOR-LOADERS (< 500 KW)

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
CASE France S.A. 18 Place des Nymphéas - 93420 Villepinte FR	3/4/03	106	695SM-4PS	106	105	104
FIAT KOBELCO CONSTRUCCION MACHINERY S.p.a. Strada di Settimo, 323, 10099 San Mauro Torinese (TO) IT	3/4/03	100	FB100/2-4PT	106	105	104
FIAT KOBELCO CONSTRUCCION MACHINERY S.p.a. Strada di Settimo, 323, 10099 San Mauro Torinese (TO) IT	3/4/03	101	FB110/2-4PS	106	105	104
FIAT KOBELCO CONSTRUCCION MACHINERY S.p.a. Strada di Settimo, 323, 10099 San Mauro Torinese (TO) IT	3/4/03	102	FB200/2-4PS	106	105	104
NEW Holland Viale delle Nazioni, 55 41100 Modena IT	3/4/03	96	LB110-4PT	106	105	104
NEW Holland Viale delle Nazioni, 55 41100 Modena IT	3/4/03	97	LB110-4PS	106	105	104
NEW Holland Viale delle Nazioni, 55 41100 Modena IT	3/4/03	98	LB115-4PS	106	105	104

Net Installed Power Category : 000078

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
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Situation on: 08/10/2018

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ART12 Noise Limit by Equipment Code_2

* These limit figures are merely indicative for these types of equipment:

- walk-behind vibrating rollers<
- vibratory plates (> 3kW)<
- vibratory rammers<
- dozers (steel tracked)<
- loaders (steel tracked > 55 kW)<
- combustion-engine driven counterbalanced lift trucks<
- compacting screed paver-finishers<
- hand-held internal combustion-engine concrete-breakers and picks (15<m<30)
- lawnmowers, lawn trimmers/lawn-edge trimmers.

Definitive figures will depend on amendment of the Directive following the report required in Article 20(1).

Consult all directive document at http://ec.europa.eu/growth/sectors/mechanical-engineering/noise-emissions/index_en



Equipment Noise by Type, Split by Power Category

21. EXCAVATOR-LOADERS (< 500 KW)

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
Hyundai Heavy Industries Co., Ltd 1, Cheonha-Dong, Dong-Ku, Ulsan, The Republic of Korea KR	11/14/03	11943	ROBEX140L C-7	106	102	101
Hyundai Heavy Industries Co., Ltd 1, Cheonha-Dong, Dong-Ku, Ulsan, The Republic of Korea KR	11/14/03	11944	ROBEX140W -7	106	102	102
Hyundai Heavy Industries Co., Ltd 1, Cheonha-Dong, Dong-Ku, Ulsan, The Republic of Korea KR	10/31/06	16072	ROBEX 140W-7	103	101	101
Hyundai Heavy Industries Co., Ltd 1, Cheonha-Dong, Dong-Ku, Ulsan, The Republic of Korea KR	10/31/06	16073	ROBEX 140W-7A	103	101	101

Net Installed Power Category : 000075

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
A/S Hydrema Produktion Gl. Kirkevej 16 DK	11/23/09	EX_60796	Hydrema 906D	103	102	101
A/S Hydrema Produktion Gl. Kirkevej 16 DK	11/23/09	EX_60797	Hydrema 908D	103	102	101

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ART12 Noise Limit by Equipment Code_2

* These limit figures are merely indicative for these types of equipment:

- walk-behind vibrating rollers<
- vibratory plates (>3kW)<
- vibratory rammers<
- dozers (steel tracked)<
- loaders (steel tracked >55 kW)<
- combustion-engine driven counterbalanced lift trucks<
- compacting screed paver-finishers<
- hand-held internal combustion-engine concrete-breakers and picks (15<m<30)
- lawnmowers, lawn trimmers/lawn-edge trimmers.

Definitive figures will depend on amendment of the Directive following the report required in Article 20(1).

Consult all directive document at http://ec.europa.eu/growth/sectors/mechanical-engineering/noise-emissions/index_en1



Equipment Noise by Type, Split by Power Category

21. EXCAVATOR-LOADERS (< 500 KW)

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
J.C. Bamford Excavators Limited Lakeside Works Rocester Staffordshire ST14 5JP UK	9/17/03	3581	4CX-4WS PC	106	105	103
J.C. Bamford Excavators Limited Lakeside Works Rocester Staffordshire ST14 5JP UK	10/8/03	3582	4CX-4WS	106	105	103
J.C. Bamford Excavators Limited Lakeside Works Rocester Staffordshire ST14 5JP UK	10/9/03	3571	3CX-4T	106	104	103
Sampierana s.p.a. I - Via L. Da Vinci 40, 47026 San Piero in Bagno (FC) IT	10/3/05	10178	EUROCOM ACH-E 398	106	106	103
VF VENIERI S.P.A. Via Piratello, 106 48022 Lugo (Ravenna) IT	1/26/06	13987	VF 0402	103	102	99
VF VENIERI S.P.A. Via Piratello, 106 48022 Lugo (Ravenna) IT	1/26/06	13987	VF 10.23 C	103	102	99

Net Installed Power Category : 000074

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
CASE France S.A. 18 Place des Nymphéas - 93420 Villepinte FR	3/4/03	105	590SM	106	105	104

Situation on: 08/10/2018

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ART12 Noise Limit by Equipment Code_2

* These limit figures are merely indicative for these types of equipment:

- walk-behind vibrating rollers<
- vibratory plates (>3kW)<
- vibratory rammers<
- dozers (steel tracked)<
- loaders (steel tracked >55 kW)<
- combustion-engine driven counterbalanced lift trucks<
- compacting screed paver-finishers<
- hand-held internal combustion-engine concrete-breakers and picks (15<m<30)
- lawnmowers, lawn trimmers/lawn-edge trimmers.

Definitive figures will depend on amendment of the Directive following the report required in Article 20(1).

Consult all directive document at http://ec.europa.eu/growth/sectors/mechanical-engineering/noise-emissions/index_en



Equipment Noise by Type, Split by Power Category

21. EXCAVATOR-LOADERS (< 500 KW)

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
Foredil Macchine s.r.l. Via E. Fermi, n.1, 35030 Caselle di Selvazzano (Padova) IT	1/16/03	10232	40.13 C DBS	106	100	99
Foredil Macchine s.r.l. Via E. Fermi, n.1, 35030 Caselle di Selvazzano (Padova) IT	1/16/03	10233	40.13 CLX	106	100	99
Foredil Macchine s.r.l. Via E. Fermi, n.1, 35030 Caselle di Selvazzano (Padova) IT	1/16/03	10234	Ambiente LE	106	100	99
Foredil Macchine s.r.l. Via E. Fermi, n.1, 35030 Caselle di Selvazzano (Padova) IT	1/16/03	10239	FM700	106	100	98
Foredil Macchine s.r.l. Via E. Fermi, n.1, 35030 Caselle di Selvazzano (Padova) IT	1/16/03	81	Ambiente LE	106	100	0
Foredil Macchine s.r.l. Via E. Fermi, n.1, 35030 Caselle di Selvazzano (Padova) IT	1/16/03	82	40.13 CLX	106	100	0
Foredil Macchine s.r.l. Via E. Fermi, n.1, 35030 Caselle di Selvazzano (Padova) IT	1/16/03	83	40.13 C DBS	106	100	0
Foredil Macchine s.r.l. Via E. Fermi, n.1, 35030 Caselle di Selvazzano (Padova) IT	1/16/03	84	FM700	106	100	0
Huta Stalowa Wola SA ul. Kwiatkowskiego 1 PL	12/17/09	EX_61083	9.50	103	102	102
JC Bamford Excavators Ltd World Headquarters UK	2/15/08	EX_59272	3CX 100bhp	103	103	102

Situation on: 08/10/2018

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ART12 Noise Limit by Equipment Code_2

* These limit figures are merely indicative for these types of equipment:

- walk-behind vibrating rollers<
- vibratory plates (>3kW)<
- vibratory rammers<
- dozers (steel tracked)<
- loaders (steel tracked >55 kW)<
- combustion-engine driven counterbalanced lift trucks<
- compacting screed paver-finishers<
- hand-held internal combustion-engine concrete-breakers and picks (15<m<30)
- lawnmowers, lawn trimmers/lawn-edge trimmers.

Definitive figures will depend on amendment of the Directive following the report required in Article 20(1).

Consult all directive document at http://ec.europa.eu/growth/sectors/mechanical-engineering/noise-emissions/index_en



Equipment Noise by Type, Split by Power Category

21. EXCAVATOR-LOADERS (< 500 KW)

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
JC Bamford Excavators Ltd World Headquarters UK	2/20/08	EX_59273	4CX	103	103	102
JC Bamford Excavators Ltd World Headquarters UK	4/2/12	EX_69469	3CX C-4T	103	103	101
JC Bamford Excavators Ltd World Headquarters UK	4/4/12	EX_69471	3CX SMAEC	103	103	102
JC Bamford Excavators Ltd World Headquarters UK	4/18/12	EX_69467	4CX SMAEC	103	103	101
JC Bamford Excavators Ltd World Headquarters UK	1/24/13	EX_69470	4CX 14H3WE	103	103	101
KOMATSU UTILITY EUROPA S.p.A Via Bergoncino 28, 36025 Noventa Vicentina (VI) IT	9/20/05	15096	B94	106	103	102
KOMATSU UTILITY EUROPA S.p.A Via Bergoncino 28, 36025 Noventa Vicentina (VI) IT	9/20/05	15097	B93T	106	103	102
Volvo Construction Equipment Korea Ltd. 1, Guehyun-Dong, Changwon-City Kyungnam, 641-430 KR	10/9/01	10704	EC 140	106	100	99
Volvo Construction Equipment Korea Ltd. 1, Guehyun-Dong, Changwon-City Kyungnam, 641-430 KR	11/16/01	7098	EC 140	106	100	99

Net Installed Power Category : 000073

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ART12 Noise Limit by Equipment Code_2

* These limit figures are merely indicative for these types of equipment:

- walk-behind vibrating rollers<
- vibratory plates (>3kW)<
- vibratory rammers<
- dozers (steel tracked)<
- loaders (steel tracked >55 kW)<
- combustion-engine driven counterbalanced lift trucks<
- compacting screed paver-finishers<
- hand-held internal combustion-engine concrete-breakers and picks (15<m<30)
- lawnmowers, lawn trimmers/lawn-edge trimmers.

Definitive figures will depend on amendment of the Directive following the report required in Article 20(1).

Consult all directive document at http://ec.europa.eu/growth/sectors/mechanical-engineering/noise-emissions/index_en



Equipment Noise by Type, Split by Power Category

21. EXCAVATOR-LOADERS (< 500 KW)

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
JCB Heavy Products LTD Lakeside Works Rocester Staffordshire ST14 5JP UK	2/5/02	6656	JS175W TAB	105	102	101

Net Installed Power Category : 000071

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
KOMATSU UTILITY EUROPA S.p.A Via Bergoncino 28, 36025 Noventa Vicentina (VI) IT	8/20/05	15098	WB97S	105	102	101

Net Installed Power Category : 000070

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
Caterpillar (U.K.) Limited Peckleton Lane Desford Leics England GB-LE9 9JT UK	5/30/02	5082	430D - BKW00000	105	105	103
Caterpillar (U.K.) Limited Peckleton Lane Desford Leics England GB-LE9 9JT UK	5/30/02	5083	430D - BLX00000	105	105	103

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ART12 Noise Limit by Equipment Code_2

* These limit figures are merely indicative for these types of equipment:

- walk-behind vibrating rollers<
- vibratory plates (>3kW)<
- vibratory rammers<
- dozers (steel tracked)<
- loaders (steel tracked >55 kW)<
- combustion-engine driven counterbalanced lift trucks<
- compacting screed paver-finishers<
- hand-held internal combustion-engine concrete-breakers and picks (15<m<30)
- lawnmowers, lawn trimmers/lawn-edge trimmers.

Definitive figures will depend on amendment of the Directive following the report required in Article 20(1).

Consult all directive document at http://ec.europa.eu/growth/sectors/mechanical-engineering/noise-emissions/index_en



Equipment Noise by Type, Split by Power Category

21. EXCAVATOR-LOADERS (< 500 KW)

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
Caterpillar (U.K.) Limited Peckleton Lane Desford Leics England GB-LE9 9JT UK	5/30/02	5084	430D - BGY00000	105	105	103
Caterpillar (U.K.) Limited Peckleton Lane Desford Leics England GB-LE9 9JT UK	5/30/02	5085	430D - BNJ00000	105	105	103
Caterpillar (U.K.) Limited Peckleton Lane Desford Leics England GB-LE9 9JT UK	5/30/02	5093	438D - BPE00000	105	105	103
Caterpillar (U.K.) Limited Peckleton Lane Desford Leics England GB-LE9 9JT UK	5/30/02	5094	438D - BPN00000	105	105	103
Caterpillar (U.K.) Limited Peckleton Lane Desford Leics England GB-LE9 9JT UK	5/30/02	5095	442D - BRY00000	105	105	103
Caterpillar (U.K.) Limited Peckleton Lane Desford Leics England GB-LE9 9JT UK	5/30/02	5096	442D - BRG00000	105	105	103
JCB Heavy Products LTD Lakeside Works Rocester Staffordshire ST14 5JP UK	1/28/02	6650	JS160LC	105	103	102

Net Installed Power Category : 000069

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ART12 Noise Limit by Equipment Code_2

* These limit figures are merely indicative for these types of equipment:

- walk-behind vibrating rollers<
- vibratory plates (> 3kW)<
- vibratory rammers<
- dozers (steel tracked)<
- loaders (steel tracked > 55 kW)<
- combustion-engine driven counterbalanced lift trucks<
- compacting screed paver-finishers<
- hand-held internal combustion-engine concrete-breakers and picks (15$m$$30$)
- lawnmowers, lawn trimmers/lawn-edge trimmers.

Definitive figures will depend on amendment of the Directive following the report required in Article 20(1).

Consult all directive document at http://ec.europa.eu/growth/sectors/mechanical-engineering/noise-emissions/index_en



Equipment Noise by Type, Split by Power Category

21. EXCAVATOR-LOADERS (< 500 KW)

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
FIAT KOBELCO CONSTRUCCION MACHINERY S.p.a. Strada di Settimo, 323, 10099 San Mauro Torinese (TO) IT	3/4/03	99	FB90/2-4PT	105	105	104
J.C. Bamford Excavators Limited Lakeside Works Rocester Staffordshire ST14 5JP UK	11/12/01	11616	4CX4WSSMPC	105	105	104
J.C. Bamford Excavators Limited Lakeside Works Rocester Staffordshire ST14 5JP UK	11/13/01	11614	3CXSM 4T	105	105	103
J.C. Bamford Excavators Limited Lakeside Works Rocester Staffordshire ST14 5JP UK	9/10/03	3572	3CX-4WS-SM	105	105	103
J.C. Bamford Excavators Limited Lakeside Works Rocester Staffordshire ST14 5JP UK	9/26/03	3580	3CXSM 4TPC	105	104	103
J.C. Bamford Excavators Limited Lakeside Works Rocester Staffordshire ST14 5JP UK	10/7/03	3579	3CXSM 4TPC	105	104	103
J.C. Bamford Excavators Limited Lakeside Works Rocester Staffordshire ST14 5JP UK	10/8/03	3573	3CX-4T	105	104	103
JC Bamford Excavators Ltd World Headquarters UK	2/15/08	EX_59270	3CX	102	102	102

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ART12 Noise Limit by Equipment Code_2

* These limit figures are merely indicative for these types of equipment:

- walk-behind vibrating rollers<
- vibratory plates (> 3kW)<
- vibratory rammers<
- dozers (steel tracked)<
- loaders (steel tracked > 55 kW)<
- combustion-engine driven counterbalanced lift trucks<
- compacting screed paver-finishers<
- hand-held internal combustion-engine concrete-breakers and picks (15<m<30)
- lawnmowers, lawn trimmers/lawn-edge trimmers.

Definitive figures will depend on amendment of the Directive following the report required in Article 20(1).

Consult all directive document at http://ec.europa.eu/growth/sectors/mechanical-engineering/noise-emissions/index_en



Equipment Noise by Type, Split by Power Category

21. EXCAVATOR-LOADERS (< 500 KW)

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
JC Bamford Excavators Ltd World Headquarters UK	2/26/08	EX_59271	3CX Super	102	102	101
JC Bamford Excavators Ltd World Headquarters UK	4/3/12	EX_69474	3CX 4WS SM	102	102	101
JC Bamford Excavators Ltd World Headquarters UK	4/3/12	EX_69475	3CX S-AEC	102	102	101
JC Bamford Excavators Ltd World Headquarters UK	4/4/12	EX_69472	3CX SMAEC	102	102	101
JC Bamford Excavators Ltd World Headquarters UK	5/25/12	EX_69468	3CX SM 4T	102	102	101
KOMATSU UTILITY EUROPA S.p.A Via Bergoncino 28, 36025 Noventa Vicentina (VI) IT	12/27/05	15077	PW 110R-1	105	100	100
NEW Holland Viale delle Nazioni, 55 41100 Modena IT	3/4/03	95	LB95-4PT	105	105	104
NEW Holland Viale delle Nazioni, 55 41100 Modena IT	4/3/03	94	LB85-4PT	105	105	104
Terex / Schaeff GmbH Schaeffstrasse 8 D-74595 Langenburg DE	2/20/07	15574	Hydraulikbag ger TC125	102	100	99
VF VENIERI S.P.A. Via Piratello, 106 48022 Lugo (Ravenna) IT	1/24/06	13989	VF 0304	102	102	100
VF VENIERI S.P.A. Via Piratello, 106 48022 Lugo (Ravenna) IT	1/24/06	13989	VF 10.33 B	102	102	100

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ART12 Noise Limit by Equipment Code_2

* These limit figures are merely indicative for these types of equipment:

- walk-behind vibrating rollers<
- vibratory plates (> 3kW)<
- vibratory rammers<
- dozers (steel tracked)<
- loaders (steel tracked > 55 kW)<
- combustion-engine driven counterbalanced lift trucks<
- compacting screed paver-finishers<
- hand-held internal combustion-engine concrete-breakers and picks (15<m<30)
- lawnmowers, lawn trimmers/lawn-edge trimmers.

Definitive figures will depend on amendment of the Directive following the report required in Article 20(1).

Consult all directive document at http://ec.europa.eu/growth/sectors/mechanical-engineering/noise-emissions/index_en



Equipment Noise by Type, Split by Power Category

21. EXCAVATOR-LOADERS (< 500 KW)

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
VF VENIERI S.P.A. Via Piratello, 106 48022 Lugo (Ravenna) IT	1/30/06	13986	VF 0204	102	102	99
VF VENIERI S.P.A. Via Piratello, 106 48022 Lugo (Ravenna) IT	1/30/06	13986	VF 8.23 D	102	102	99

Net Installed Power Category : 000067

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
CASE France S.A. 18 Place des Nymphéas - 93420 Villepinte FR	3/4/03	103	580SM	105	105	103
CASE France S.A. 18 Place des Nymphéas - 93420 Villepinte FR	3/4/03	104	580MPS	105	105	103
Caterpillar (U.K.) Limited Peckleton Lane Desford Leics England GB-LE9 9JT UK	5/30/02	5105	914G - 9WM00000	105	105	105
Caterpillar (U.K.) Limited Peckleton Lane Desford Leics England GB-LE9 9JT UK	5/30/02	5106	914G - 9WM00000	105	103	102
Caterpillar (U.K.) Limited Peckleton Lane Desford Leics England GB-LE9 9JT UK	5/30/02	5107	IT14G - 1WN00000	105	105	105

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ART12 Noise Limit by Equipment Code_2

* These limit figures are merely indicative for these types of equipment:

- walk-behind vibrating rollers<
- vibratory plates (>3kW)<
- vibratory rammers<
- dozers (steel tracked)<
- loaders (steel tracked >55 kW)<
- combustion-engine driven counterbalanced lift trucks<
- compacting screed paver-finishers<
- hand-held internal combustion-engine concrete-breakers and picks (15<m<30)
- lawnmowers, lawn trimmers/lawn-edge trimmers.

Definitive figures will depend on amendment of the Directive following the report required in Article 20(1).

Consult all directive document at http://ec.europa.eu/growth/sectors/mechanical-engineering/noise-emissions/index_en



Equipment Noise by Type, Split by Power Category

21. EXCAVATOR-LOADERS (< 500 KW)

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
Caterpillar (U.K.) Limited Peckleton Lane Desford Leics England GB-LE9 9JT UK	5/30/02	5108	IT14G - 1WN00000	105	103	102

Net Installed Power Category : 000066

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
CATERPILLAR S.A.R.L. 76 Route de Frontenex PO Box 6000 CH-1211 Geneve 6 CH	8/1/02	1415	312B CAT0312BV6 SW00918	105	101	100
CATERPILLAR S.A.R.L. 76 Route de Frontenex PO Box 6000 CH-1211 Geneve 6 CH	8/1/02	1416	312BL CAT0312BJ9 FS01405	105	101	100

Net Installed Power Category : 000064

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
JCB Heavy Products LTD Lakeside Works Rocester Staffordshire ST14 5JP UK	1/28/02	6655	JS145W MON	105	103	102
Volvo Compact Equipment rue pierre pingon FR	10/19/06	15289	BL61	102	102	101

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ART12 Noise Limit by Equipment Code_2

* These limit figures are merely indicative for these types of equipment:

- walk-behind vibrating rollers<
- vibratory plates (>3kW)<
- vibratory rammers<
- dozers (steel tracked)<
- loaders (steel tracked >55 kW)<
- combustion-engine driven counterbalanced lift trucks<
- compacting screed paver-finishers<
- hand-held internal combustion-engine concrete-breakers and picks (15<m<30)
- lawnmowers, lawn trimmers/lawn-edge trimmers.

Definitive figures will depend on amendment of the Directive following the report required in Article 20(1).

Consult all directive document at http://ec.europa.eu/growth/sectors/mechanical-engineering/noise-emissions/index_en



Equipment Noise by Type, Split by Power Category

21. EXCAVATOR-LOADERS (< 500 KW)

Net Installed Power Category : 000063

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
Caterpillar (U.K.) Limited Peckleton Lane Desford Leics England GB-LE9 9JT UK	5/30/02	5080	420D	105	105	103
Caterpillar (U.K.) Limited Peckleton Lane Desford Leics England GB-LE9 9JT UK	5/30/02	5081	420D BCM00000	105	105	103
Caterpillar (U.K.) Limited Peckleton Lane Desford Leics England GB-LE9 9JT UK	5/30/02	5092	432D - BLD00000	105	105	103
Hyundai Heavy Industries Co., Ltd 1, Cheonha-Dong, Dong-Ku, Ulsan, The Republic of Korea KR	10/31/06	16098	ROBEX 110-7, R110D-7	102	100	0
J.C. Bamford Excavators Limited Lakeside Works Rocester Staffordshire ST14 5JP UK	11/12/01	11615	3CX-4T	105	105	103
J.C. Bamford Excavators Limited Lakeside Works Rocester Staffordshire ST14 5JP UK	11/13/01	11613	3CX-4WS	105	105	103
JC Bamford Excavators Ltd World Headquarters UK	2/22/08	EX_59269	3CX	102	102	101
JC Bamford Excavators Ltd World Headquarters UK	4/25/08	EX_59268	3C	102	102	100

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ART12 Noise Limit by Equipment Code_2

* These limit figures are merely indicative for these types of equipment:

- walk-behind vibrating rollers<
- vibratory plates (>3kW)<
- vibratory rammers<
- dozers (steel tracked)<
- loaders (steel tracked >55 kW)<
- combustion-engine driven counterbalanced lift trucks<
- compacting screed paver-finishers<
- hand-held internal combustion-engine concrete-breakers and picks (15<m<30)
- lawnmowers, lawn trimmers/lawn-edge trimmers.

Definitive figures will depend on amendment of the Directive following the report required in Article 20(1).

Consult all directive document at http://ec.europa.eu/growth/sectors/mechanical-engineering/noise-emissions/index_en



Equipment Noise by Type, Split by Power Category

21. EXCAVATOR-LOADERS (< 500 KW)

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
JC Bamford Excavators Ltd World Headquarters UK	4/3/12	EX_69473	3CX 4	102	102	101
JCB Heavy Products LTD Lakeside Works Rocester Staffordshire ST14 5JP UK	1/28/02	6649	JS130	105	103	103

Net Installed Power Category : 000062

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
JCB Heavy Products LTD Lakeside Works Rocester Staffordshire ST14 5JP UK	1/28/02	6654	JS130W MON	105	0	0

Net Installed Power Category : 000061

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
Caterpillar (U.K.) Limited Peckleton Lane Desford Leics England GB-LE9 9JT UK	5/30/02	5118	908 - 8BS00000	105	102	100
Caterpillar (U.K.) Limited Peckleton Lane Desford Leics England GB-LE9 9JT UK	5/30/02	5119	908 - 8BS00000	105	99	98

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ART12 Noise Limit by Equipment Code_2

* These limit figures are merely indicative for these types of equipment:

- walk-behind vibrating rollers<
- vibratory plates (>3kW)<
- vibratory rammers<
- dozers (steel tracked)<
- loaders (steel tracked >55 kW)<
- combustion-engine driven counterbalanced lift trucks<
- compacting screed paver-finishers<
- hand-held internal combustion-engine concrete-breakers and picks (15<m<30)
- lawnmowers, lawn trimmers/lawn-edge trimmers.

Definitive figures will depend on amendment of the Directive following the report required in Article 20(1).

Consult all directive document at http://ec.europa.eu/growth/sectors/mechanical-engineering/noise-emissions/index_en



Equipment Noise by Type, Split by Power Category

21. EXCAVATOR-LOADERS (< 500 KW)

Net Installed Power Category : 000059

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
Caterpillar (U.K.) Limited Peckleton Lane Desford Leics England GB-LE9 9JT UK	5/30/02	5079	416D - BGJ00000	105	105	103
Caterpillar (U.K.) Limited Peckleton Lane Desford Leics England GB-LE9 9JT UK	5/30/02	5088	428D BLL00000	105	105	103
Caterpillar (U.K.) Limited Peckleton Lane Desford Leics England GB-LE9 9JT UK	5/30/02	5089	428D BLL00000	105	105	103
Caterpillar (U.K.) Limited Peckleton Lane Desford Leics England GB-LE9 9JT UK	5/30/02	5090	428D BNB00000	105	105	103
Caterpillar (U.K.) Limited Peckleton Lane Desford Leics England GB-LE9 9JT UK	5/30/02	5091	428D BNS00000	105	105	103

Net Installed Power Category : 000056

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
J.C. Bamford Excavators Limited Lakeside Works Rocester Staffordshire ST14 5JP UK	10/7/03	3576	3CXSM 4	104	104	103

Situation on: 08/10/2018

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ART12 Noise Limit by Equipment Code_2

* These limit figures are merely indicative for these types of equipment:

- walk-behind vibrating rollers<
- vibratory plates (>3kW)<
- vibratory rammers<
- dozers (steel tracked)<
- loaders (steel tracked >55 kW)<
- combustion-engine driven counterbalanced lift trucks<
- compacting screed paver-finishers<
- hand-held internal combustion-engine concrete-breakers and picks (15<m<30)
- lawnmowers, lawn trimmers/lawn-edge trimmers.

Definitive figures will depend on amendment of the Directive following the report required in Article 20(1).

Consult all directive document at http://ec.europa.eu/growth/sectors/mechanical-engineering/noise-emissions/index_en



Equipment Noise by Type, Split by Power Category

21. EXCAVATOR-LOADERS (< 500 KW)

	Certificate Date	Certificate Number	Equipment Model Name	Equipment Permissible Sound Power L	Guaranteed Sound Level	Measured Sound Power Level
J.C. Bamford Excavators Limited Lakeside Works Rocester Staffordshire ST14 5JP UK	10/9/03	3577	3CX 4	104	104	103

Situation on: 08/10/2018

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ART12 Noise Limit by Equipment Code_2

* These limit figures are merely indicative for these types of equipment:

- walk-behind vibrating rollers<
- vibratory plates (> 3kW)<
- vibratory rammers<
- dozers (steel tracked)<
- loaders (steel tracked > 55 kW)<
- combustion-engine driven counterbalanced lift trucks<
- compacting screed paver-finishers<
- hand-held internal combustion-engine concrete-breakers and picks (15<m<30)
- lawnmowers, lawn trimmers/lawn-edge trimmers.

Definitive figures will depend on amendment of the Directive following the report required in Article 20(1).

Consult all directive document at http://ec.europa.eu/growth/sectors/mechanical-engineering/noise-emissions/index_en

Identified Footnote

- walk-behind vibrating rollers
- vibratory plates (> 3kW)
- vibratory rammers
- dozers (steel tracked)
- loaders (steel tracked > 55 kW)
- combustion-engine driven counterbalanced lift trucks
- compacting screed paver-finishers
- hand-held internal combustion-engine concrete-breakers and picks (15m<30)
- lawnmowers, lawn trimmers/lawn-edge trimmers.

Definitive figures will depend on amendment of the Directive following the report required in Article 20