EU Declaration of Conformity

The Toro Company ®, 8111 Lyndale Ave. South, Bloomington, MN, USA, declares that the following unit(s):

Model No.	Serial No.	Product Description	Invoice Description
23513	400000000 and Up	18in Dethatcher	18IN POWER RAKE
33513	400000000 and Up	18in Dethatcher	18IN POWER RAKE - MECHANICAL

Conform(s) to the following directives:

2000/14/EC (Noise), 2006/42/EC (Machinery Safety), 2014/30/EU (EMC)

Each model listed has been evaluated with the following standards and/or other normative documents:

EN 55012:2007+A1:2009

EN ISO 12100:2010

EN 13684:2018

Data for Noise Directive (2000/14/EC, 2005/88/EC):

Model	Classification	Cutting Width (cm)	Measured Sound Power (dBA)	Guaranteed Sound Power (dBA)	Uncertainty	Engine Speed (rpm)
23513	Scarifier	N/A	98	102	4	3670
33513	Scarifier	N/A	98	102	4	3670

Determined in accordance with ISO 11094:1991.

Conformity Assessment: Annex V

This declaration has been issued under the sole responsibility of the manufacturer.

The object of the declaration is in conformity with relevant Union harmonization legislation.

Certified:



John Heckel
Engineering Director
8111 Lyndale Ave. South
Bloomington, MN 55420, USA
March 6, 2023

Authorized Representative:

Marcel Dutrieux
Manager European Product Integrity
Toro Europe NV
Nijverheidsstraat 5
2260 Oevel
Belgium

3460-105 A

EU Specifications

Machine Power, Mass, and Vibration Data

Model	Nominal Power (kW)	Machine Mass‡ (kg)	Hand/Arm Vibration (m/s²)*		
			Left Hand Level	Right Hand Level	Uncertainty
23513	3.6	64	6.3	6.7	2.7
33513	3.6	64	6.3	6.7	2.7

‡ With empty tanks in the normal operating configuration

* Determined in accordance with EN ISO 20643.

Machine Sound Data

Model	Sound Pressure (dBA)[1]	
	Level	Uncertainty
23513	89	1
33513	89	1

[1] A-weighted levels, as measured at the operator position, determined in accordance with EN ISO 11201.

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UK Declaration of Conformity

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Model No.	Serial No.	Product Description	Invoice Description
23513	400000000 and Up	18in Dethatcher	18IN POWER RAKE
33513	400000000 and Up	18in Dethatcher	18IN POWER RAKE - MECHANICAL

Conform(s) to the following UK national laws:

2000/14/EC (Noise), 2006/42/EC (Machinery Safety), 2014/30/EU (EMC)

Each model listed has been evaluated with the following standards and/or other normative documents:

EN 55012:2007+A1:2009

EN ISO 12100:2010

EN 13684:2018

Data for Noise Regulations (S.I. 2001 No. 1701):

Model	Classification	Cutting Width (cm)	Measured Sound Power (dBA)	Guaranteed Sound Power (dBA)	Uncertainty	Engine Speed (rpm)
23513	Scarifier	N/A	98	102	4	3670
33513	Scarifier	N/A	98	102	4	3670

Determined in accordance with ISO 11094:1991.

Conformity Assessment: Schedule 8

This declaration has been issued under the sole responsibility of the manufacturer.

The object of the declaration is in conformity with relevant Union harmonization legislation.

This declaration has been issued under the sole responsibility of the manufacturer.
The object of the declaration is in conformity with relevant UK legislation.



John Heckel
Engineering Director
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March 6, 2023

Authorized Representative:

Marcel Dutrieux
Manager European Product Integrity
Toro U.K. Limited
Spellbrook Lane West
Bishop's Stortford
CM23 4BU
United Kingdom

UK Specifications

Machine Power, Mass, and Vibration Data

Model	Nominal Power (kW)	Machine Mass‡ (kg)	Hand/Arm Vibration (m/s²)*		
			Left Hand Level	Right Hand Level	Uncertainty
23513	3.6	64	6.3	6.7	2.7
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Machine Sound Data

Model	Sound Pressure (dBA)[1]	
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23513	89	1
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[1] A-weighted levels, as measured at the operator position, determined in accordance with EN ISO 11201.