MOWERS

Rasion Basic : Push mower

The sound levels and vibration rates are determined based on the operating conditions at the maximum nominal speed.

Maximum weighted acoustic pressure level A (ref. 20 µPa) at the user's position	LpA = 84 dB(A)	K = 1.5 m/s²

Values determined according to the acoustic measurement standards EN60335-2-77.

Rasion Easy 2 : Self propelled mower

The sound levels and vibration rates are determined based on the operating conditions at the maximum nominal speed.

Maximum weighted acoustic pressure level A (ref. 20 µPa) at the user's position	LpA = 83,5 dB(A)	K = 1.5 m/s²

Values determined according to the acoustic measurement standards EN60335-2-77.

Rasion Smart 2 : Self propelled mower

The sound levels and vibration rates are determined based on the operating conditions at the maximum nominal speed.

Maximum weighted acoustic pressure level A (ref. 20 µPa) at the user's position	LpA = 83,5 dB(A)	K = 1.5 m/s²

Values determined according to the acoustic measurement standards EN60335-2-77.

PELLENC

BRUSH CUTTER

Excelion 2000 : Electric brush cutter

Vibration emission values according to EN 60745-1, EN ISO 22867:

Values measured at maximum rated speed*			
		a_h value of the right wrist measured in m/s²	a_h value of the left wrist measured in m/s²
MultiCut	Ø2.4 wire	1.7	2.1
	Ø3 wire	1.7	2
	Twin-blade	1.5	1.3
	8 teeth	2.4	2
RollCut	Ø2.4 wire	1	1.3
	Ø3 wire	1.9	2
TapCut	Ø2.4 wire	3.8	3.2
	Ø3 wire	3.5	3.5
TapCut 2	Ø2.4 wire	3.9	3.3
	Ø3 wire	3.7	1.9
BladeCut	Twin-blade	3.5	4.5
	Trident	3.5	4.5
	Mulching	2.7	2.1
	Saw	2.6	2.4
CityCut	Blades	1.2	1

*Measurement uncertainty: K = 1.5 m/s²

Values measured at maximum rated speed in eco mode*			
		a_h value of the right wrist measured in m/s²	a_h value of the left wrist measured in m/s²
MultiCut	Ø2.4 wire	1.4	1.3
	Ø3 wire	1.5	1.2
	Twin-blade	1	0.9
	8 teeth	1.9	1.5
RollCut	Ø2.4 wire	1	0.8
	Ø3 wire	1.6	1.8
TapCut	Ø2.4 wire	4.4	3.5
	Ø3 wire	3.6	2.7
TapCut 2	Ø2.4 wire	2.6	1.6
	Ø3 wire	2.6	1.6
CityCut	Blades	1.1	0.8

*Measurement uncertainty: K = 1.5 m/s²

BLOWERS

AIRION 1 :

Vibration rate

Vibration emission value as per EN 60745-1:2010	handle ah ≤ 0,7 m/s²	uncertainty Kd = 1,5 m/s²

AIRION 2 :

Vibration rate

Vibration emission value as per EN 60745-1:2010	handle ah ≤ 0,5 m/s²	uncertainty Kd = 1,5 m/s²

AIRION 3 :

Vibration rate

Vibration emission value as per EN 60745-1:2010	handle ah = 0,25 m/s²	uncertainty Kd = 1,5 m/s²

SOIL CULTIVATOR

CULTIVION

Valeur d'émission de vibration suivant EN ISO 22867 et EN 60745-1

	Speed 1 (800 strokes/min)	Speed 4 (885 strokes/min)
Front handle, a	10 m/s²	18,5 m/s²
Rear handle, a	6 m/s²	13,5 m/s²
Measurement uncertainty, K	3,0	3,0

PRUNERS

SELION M12

Vibration rate

Vibration emission value as per DIN EN 60745-2-13:2008	Left handle ah <2,5 m/s²	uncertainty Kd = 1,5 m/s²

SELION C21 HD

Vibration rate

Vibration emission value as per DIN EN 60745-2-13:2008	Left handle ah = 2,54 m/s²	uncertainty Kd = 1,5 m/s²

SELION T175/225

Vibration rate

Vibration values (vector sum of three directions) measured accordind DIN EN ISO 11680-1:2009 Operating condition : Idle speed Load: None	Vibration emission value : ah = 0,52 m/s	uncertainty Kd = 1,5 m/s²

SELION T220/300

Vibration rate

Vibration values (vector sum of three directions) measured accordind DIN EN ISO 11680-1:2002 Operating condition : Idle speed Load: None	Vibration emission value : ah = 0,44 m/s	uncertainty Kd = 0.01 m/s²

HEDGE TRIMMERS

HELION

Vibration rate

Vibration emission value as per EN 60745-2-15 :2009	handle ah = 4.6 m/s²	uncertainty Kd = 1,5 m/s²

HELION 2

Vibration rate

Vibration emission value as per EN 60745-2-15 :2009	Front handle	Rear handle	Measurement uncertainty, K
	ah = 3 m/s²	ah = 3.4 m/s²	Kd = 1,5 m/s²

HELION T150/200

Vibration rate

Vibration emission value as per EN 60745-2-15 :2009	Front handle	Rear handle	Measurement uncertainty, K
	ah = 3.9 m/s²	ah = 3.4 m/s²	Kd = 1,5 m/s²

PRUNNING SHEARS

PRUNION 150P

Vibration rate

Total vibration values (triax vector sum) determined in accordance with EN 60745-1. (Uncertainty K=1.5 m/s²)	a_h <2.5 m/s² max.

PRUNION 250

Vibration rate

Total vibration values (triax vector sum) determined in accordance with EN 60745. (Uncertainty K=1.5 m/s²)	a_h <2.5 m/s² max.

ALPHA RANGE

HELION ALPHA

Vibration rate

Vibratory emission values at the handles (uncertainty of K = 1,5 m/s²)	ah = 3,4 m/s²

EXCELION ALPHA: Electric brush cutter

Vibration emission values according to EN 60745-1, EN ISO 22867

	Vibration on control handle	Vibration on round handle
V1	0,68 m/s²	1,87 m/s²
V2	0,78 m/s²	1,73 m/s²
V3	0,69 m/s²	1,67 m/s²

*Measurement uncertainty: K = 1,5 m/s²