

2022 STIHL PETROL TOOL DATA

CHAINSAWS AND POLE PRUNERS

Can't find your model? [Check here.](#)

MODEL	WEIGHT (KG) (EXCLUDING FUEL, GUIDE BAR AND CHAIN)	VIBRATION LEVEL LEFT/RIGHT (M/S ²) ^①	SOUND PRESSURE LEVEL (DB(A)) ^②	SOUND POWER LEVEL (DB(A)) ^③	CO2 EMISSIONS G/KWH
MS 201 C-M	4.0	3.3 / 3.3	99	112	728
MS 241 C-M	4.5	2.9 / 2.9	103	115	882
MS 261 C-M	4.9	3.5 / 3.5	105	116	705
MS 362 C-M	5.6	3.5 / 3.5	106	117	711
MS 400 C-M	5.8	3.5 / 3.5	107	118	656
MS 462 C-M	6.0	4.8 / 3.6	108	119	697
MS 462 C-M R	6.5	3.3 / 2.7	108	119	697
MS 500i	6.2	4.2 / 4.0	106	119	707
MS 661 C-M	7.4	6.9 / 5.6	105	118	711
MS 881	9.9	8.9 / 8.9	106	118	729
MS 151 TC-E	2.6	4.9 / 4.9	96	109	969
MS 194 T	3.3	3.6 / 3.6	100	112	896
MS 201 TC-M	3.7	3.5 / 3.1	100	113	728
HT 105	7.9	5.0 / 5.5	92	108	836
HT 135	7.9	4.3 / 4.8	92	109	845

BRUSHCUTTERS

Can't find your model? [Check here.](#)

MODEL	WEIGHT (KG) (EX FUEL, CUTTING TOOL AND GUARD)	VIBRATION LEVEL LEFT/RIGHT (M/S ²) ^① (WITH STANDARD TOOL)	SOUND PRESSURE LEVEL (DB(A)) ^② (WITH STANDARD TOOL)	SOUND POWER LEVEL (DB(A)) ^③ (WITH STANDARD TOOL)	CO2 EMISSIONS G/KWH
FS 70 C-E	5.4	6.6 / 6.6	94	107	829
FS 70 RC-E	4.8	7.6 / 6.0	94	108	829
FS 94 C-E	4.9	4.7 / 4.0	94	107	794
FS 94 RC-E	4.6	6.4 / 6.3	94	107	794
FS 91	5.8	3.4 / 3.0	95	106	877
FS 91 R	5.5	5.3 / 5.3	95	106	877
FS 111	5.8	3.7 / 3.7	95	106	836
FS 111 R	5.5	5.2 / 5.2	95	106	836
FS 131	5.8	3.7 / 3.4	98	109	845
FS 131 R	5.5	6.2 / 6.2	98	109	845
FS 240 C-E	7.1	4.7 / 4.0	99	110	856
FS 361 C-EM	8.6	2.6 / 2.7	100	110	808
FS 411 C-EM	8.7	2.6 / 2.4	99	109	840
FS 461 C-EM	8.7	2.4 / 2.3	101	110	865
FS 491 C-EM	9.3	2.8 / 2.8	101	112	860
FS 561 C-EM	10.2	3.3 / 3.3	102	115	828
FR 460 TC-EFM	11.5	2.0 / 2.0	99	112	865

LAWN MOWERS

Can't find your model? [Check here.](#)

MODEL	WEIGHT (KG) (EXCLUDING FUEL AND OIL)	VIBRATION LEVEL AT HANDLE (M/S ²) ^①	SOUND PRESSURE LEVEL (DB(A)) ^②	SOUND POWER LEVEL (DB(A)) ^③	CO2 EMISSIONS G/KWH
RM 655 RS	56.0	3.8	84	98	-
RM 756 GS	60.0	2.4	86	98	-
RM 756 GC	60.0	2.4	86	98	-
RM 756 YC	61.0	2.4	86	98	-
RM 4 RTP	44.0	2.4	80	93	-

① K-factor according to Dir. 2006 / 42 / EC = 2 m/s

② K-factor according to Dir. 2006 / 42 / EC = 2,0 dB(A)

③ K-factor according to Dir. 2006 / 42 / EC = 1.2 - 1.9 m/s

CUT-OFF MACHINES

Can't find your model? [Check here.](#)

MODEL	WEIGHT (KG) (EX FUEL AND CUTTING WHEEL)	VIBRATION LEVEL LEFT/RIGHT (M/S ²) ^①	SOUND PRESSURE LEVEL (DB(A)) ^②	SOUND POWER LEVEL (DB(A)) ^②	CO2 EMISSIONS G/KWH
TS 410	9.5	3.9 / 3.9	98	109	747
TS 420	9.7	3.9 / 3.9	98	109	747
TS 440	11.1	3.6 / 3.9	98	109	747
TS 480i	10.0	2.2 / 2.2	98	112	748
TS 500i	10.2	2.4 / 2.0	98	112	748
TS 800	12.7	6.5 / 3.9	101	114	776
GS 461	7.6	4.5 / 4.0	105	115	-

KOMBIENGINES

Can't find your model? [Check here.](#)

MODEL	WEIGHT (KG) (EX FUEL AND ATTACHMENT)	VIBRATION LEVEL LEFT/RIGHT (M/S ²) ^①	SOUND PRESSURE LEVEL (DB(A)) ^②	SOUND POWER LEVEL (DB(A)) ^②	CO2 EMISSIONS G/KWH
KM 56 RC-E	4.3	8.5 / 8.2	96	109	853
KM 94 RC-E	4.0	8.2 / 7.9	95	110	794
KM 111 R	4.4	7.2 / 6.4	99	109	836
KM 131	4.8	5.0 / 4.2	100	110	845
KM 131 R	4.4	6.1 / 6.5	101	110	845

HEDGE TRIMMERS & LONG-REACH HEDGE TRIMMERS

Can't find your model? [Check here.](#)

MODEL	WEIGHT (KG) (EXCLUDING FUEL)	VIBRATION LEVEL LEFT/RIGHT (M/S ²) ^①	SOUND PRESSURE LEVEL (DB(A)) ^②	SOUND POWER LEVEL (DB(A)) ^②	CO2 EMISSIONS G/KWH
HS 82 RC-E	5.3	2.5 / 2.9	94	107	967
HS 82 T	5.1	2.7 / 2.1	95	107	967
HS 87 R	5.5	3.1 / 3.0	96	106	967
HS 87 T	5.2	2.6 / 2.6	97	107	967
HL 92 C-E	5.9	4.1 / 4.5	91	106	794
HL 92 KC-E	5.3	5.8 / 6.3	92	106	794
HL 94 C-E	6.2	6.5 / 5.4	91	107	794

BLOWERS & BACKPACK BLOWERS

Can't find your model? [Check here.](#)

MODEL	WEIGHT (KG) (EXCLUDING FUEL)	VIBRATION LEVEL RIGHT (M/S ²) ^①	SOUND PRESSURE LEVEL (DB(A)) ^②	SOUND POWER LEVEL (DB(A)) ^②	CO2 EMISSIONS G/KWH
BG 86 C-E	4.4	2.5	90	104	848
BR 430	10.2	2.5	101	108	977
BR 450 C-EF	11.5	2.5	102	108	977
BR 500	10.1	1.4	90	100	707
BR 600	10.2	1.8	100	108	775
BR 700	10.8	2.5	101	109	775
BR 800 C-E	11.7	3.5	104	112	858

① K-factor according to Dir. 2006 / 42 / EC = 2 m/s

② K-factor according to Dir. 2006 / 42 / EC = 2,0 dB(A)

2022 STIHL AP SYSTEM DATA

CHAINSAWS AND POLE PRUNERS

Can't find your model? [Check here.](#)

MODEL	RECOMMENDED BATTERY	VIBRATION LEVEL LEFT/RIGHT (M/S ²) ^①	SOUND PRESSURE LEVEL (DB(A)) ^②	SOUND POWER LEVEL (DB(A)) ^②
MSA 160 C-B	AP 200	2.7 / 2.9	84	95
MSA 200 C-B	AP 300	4.6 / 3.9	84	95
MSA 220 C-B	AP 300 S	4.8 / 3.6	89	100
MSA 300	AP 500 S	2.6 / 2.8	93	104
MSA 161 T	AP 200	2.1 / 2.2	83	94
MSA 220 T / TC-O	AP 300 S	3.4 / 3.0	94	104
HTA 66	AP 200	1.0 / 1.0	78	93
HTA 86	AP 200	1.0 / 1.0	77	93
HTA 135	AP 300 S	4.3 / 5.1	84	96

HEDGE TRIMMERS AND LONG-REACH HEDGE TRIMMERS

Can't find your model? [Check here.](#)

MODEL	RECOMMENDED BATTERY	VIBRATION LEVEL LEFT/RIGHT (M/S ²) ^①	SOUND PRESSURE LEVEL (DB(A)) ^②	SOUND POWER LEVEL (DB(A)) ^②
HSA 66	AP 200	3.7 / 2.3	83	94
HSA 86 18"	AP 200	3.7 / 2.3	83	94
HSA 86 24.5"	AP 200	3.7 / 2.3	83	94
HSA 94 R 24"	AR 2000 L	3.5 / 2.7	83	94
HSA 94 R 30"	AR 2000 L	3.6 / 2.8	84	95
HSA 94 T 24"	AR 2000 L	3.0 / 2.8	84	95
HSA 94 T 30"	AR 2000 L	2.5 / 2.9	85	96
HLA 66	AP 200	2.3 / 1.8	80	91
HLA 86	AP 200	2.3 / 1.6	80	91
HLA 135	AP 200	2.5 / 3.3	85	96

GRASS TRIMMERS AND BRUSHCUTTERS

Can't find your model? [Check here.](#)

MODEL	RECOMMENDED BATTERY	VIBRATION LEVEL LEFT/RIGHT (M/S ²) ^①	SOUND PRESSURE LEVEL (DB(A)) ^③	SOUND POWER LEVEL (DB(A)) ^③
FSA 86 R	AP 200	3.7 / 2.0	77	91
FSA 90 R	AP 300	4.8 / 3.5	83	92
FSA 90	AP 300	1.0 / 1.0	73	84
FSA 130 R	AR 2000 L	3.5 / 3.3	83	94
FSA 130	AR 2000 L	2.9 / 2.0	82	94
FSA 135 R	AP 300 S	3.7 / 1.8	80	92
FSA 135	AP 300 S	2.1 / 1.8	81	94
RGA 140	AP 300 S	2.3 / 2.4	81	95

① K-factor according to Dir. 2006 / 42 / EC = 2 m/s²

② K-factor according to Dir. 2006 / 42 / EC = 2.0 dB(A)

③ K-factor according to Dir. 2006 / 42 / EC = 2.0 dB(A) with standard tool

LAWN MOWERS

Can't find your model? [Check here.](#)

MODEL	RECOMMENDED BATTERY	VIBRATION LEVEL (M/S ²) ^①	SOUND PRESSURE LEVEL (DB(A)) ^②	SOUND POWER LEVEL (DB(A)) ^②
RMA 253	AP 200	1.8	81	96
RMA 443 C	AP 200	1.4	78	91
RMA 443 VC	AP 200	1.8	77	91
RMA 448 VC	AP 300	1.8	82	95
RMA 765 V	AR 3000 L	1.4	84	93
RMA 2 RV	AP 300	1.4	74	88

BLOWERS

Can't find your model? [Check here.](#)

MODEL	RECOMMENDED BATTERY	VIBRATION LEVEL RIGHT (M/S ²) ^③	SOUND PRESSURE LEVEL (DB(A)) ^④	SOUND POWER LEVEL (DB(A)) ^④
BGA 86	AP 300	0.5	79	90
BGA 100	AR 3000 L	0.9	80	90
BGA 200	AR 3000 L	0.7	80	91

OTHER MODELS

Can't find your model? [Check here.](#)

MODEL	RECOMMENDED BATTERY	VIBRATION LEVEL LEFT/RIGHT (M/S ²) ^③	SOUND PRESSURE LEVEL (DB(A)) ^④	SOUND POWER LEVEL (DB(A)) ^④
KMA 130 R	AR 2000 L	5.0 / 5.0 (max)	91 (max)	102 (max)
KMA 135 R	AP 300 S	5.0 / 3.7 (max)	91 (max)	104 (max)
TSA 230	AP 300	3.5 / 3.5	103	114
KGA 770	AP 200	N/A	64	80
SGA 85	AP 200	0.9	66	77



① K-factor according to Dir. 2006 / 42 / EC = 0.7 - 0.9 m/s²

② K-factor according to Dir. 2006 / 42 / EC = 2.0 - 3.0 dB(A)

③ K-factor according to Dir. 2006 / 42 / EC = 2 m/s²

④ K-factor according to Dir. 2006 / 42 / EC = 2.0 dB(A)