

TECHNICAL SPECIFICATIONS - CHAINSAWS

CHAINSAWS - PETROL	120 Mark II	120e Mark II	130	135 Mark II	435e II	440e II	445E II	450e II	455R	460
Article Number	967861905	967861911	967108405	967861846	967651301	967651401	967884918	967651601	965030254	965031270
Displacement, cc	38.2	38.2	38	38	40.9	40.9	45.7	50.2	55.5	60.3
Power, kW	1.4	1.4	1.5	1.6	1.6	1.8	2.1	2.4	2.6	2.7
Sound Pressure level, dB(A)	100.7	100.7	102	102	102	102	103	104	–	104
Sound Power level (LWA), dB(A)	113	113	116	116	114	114	114	115	114	114
Vibrations, front/rear handle, m/s²	2.1 / 2.7	2.1 / 2.7	3.7 / 5.5	3.7 / 5.5	3.8 / 4.2	3.8 / 4.2	3.1 / 4.9	3.1 / 4.9	3.8 / 6.9	3.8 / 6.9
Weight excl. bar and chain, kg	4.85	5.1	4.7	4.7	4.4	4.4	5.1	5.1	6	5.8
Chain pitch, inches	3/8 LP	3/8 LP	3/8 LP	3/8 LP	.325 Pixel	.325 Pixel	.325 Pixel	.325 Pixel	3/8	3/8
Standard fit up. Bar length, inches	14"	16"	16"	16"	16"	16"	18"	20"	20"	20"
Rec. bar length, inches	14-18	14-18	14-18	14-18	13–17	13–18	13–20	13–20	13-24	16-20
Inertia-activated chain brake	•	•	•	•	•	•	•	•	•	•
TrioBrake™	–	–	–	–	–	–	–	–	–	–
Air Injection™	•	•	•	•	•	•	•	•	•	•
X-Torq®	•	•	•	•	•	•	•	•	•	•
Low Vib®	•	•	•	•	•	•	•	•	•	•
AutoTune™	–	–	–	–	–	–	–	–	–	–
RevBoost™	–	–	–	–	–	–	–	–	–	–
Decompression valve	–	–	–	–	–	–	–	–	•	•
SmartStart®	–	•	–	•	•	•	•	•	•	•
Air purge	•	•	•	•	•	•	•	•	•	•
Starting reminder	•	•	•	•	•	•	•	•	•	–
Combined choke/ stop control	•	•	•	•	•	•	•	•	–	•
Magnesium crankcase	–	–	–	–	–	–	–	–	–	–
Forged three-piece crankshaft	•	•	•	•	•	•	•	•	•	•
Quick release on air filter/ air filter cover	– / –	– / –	– /•	– /•	• /•	• /•	• /•	• /•	• /–	– / –
Visible fuel level	–	–	–	–	•	•	•	•	•	–
Flip-up Fuel/Oil Caps	–	–	–	–	•	•	•	•	•	–
Vibration-dampened carburettor	–	–	–	–	•	•	•	•	•	•
Adjustable oil pump	–	–	–	–	–	–	–	–	•	•
Side-mounted chain tensioner	•	•	•	•	•	•	•	•	•	•
Tool-less chain tensioner	–	–	–	–	–	–	–	–	–	–
Captive bar nuts	–	–	–	–	–	–	–	–	–	–
Integrated loop for rope	–	–	–	–	–	–	–	–	–	–

SOUND AND VIBRATION LEVELS
* Equivalent sound pressure level, as per ISO 22868, is calculated as the time-weighted energy sum for the sound pressure levels at various operational states. Typical variation for equivalent sound pressure level is a standard deviation of 1 dB(A).
** Equivalent vibration level, as per ISO 22867, is calculated as the time-weighted energy sum for the vibration levels at various operational states. Report data for equivalent vibration level has a typical statistical dispersion (standard deviation) of 1 m / s².
TABLE KEY: •= Standard (•)= Optional – = Not applicable

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CHAINSAWS - PETROL	565 AutoTune™	550 XP® Mark II AutoTune™	562 XP® AUTOTUNE™	572 XP® AUTOTUNE™	390 XP®	395 XP®	3120 XP®	T525	T540 XP® II
Article Number	966733920	967690836-AU 967690838-NZ	966570340	966733140	965060744	965902744	965960762	967633412	967287512
Displacement, cc	70.6	50.1	59.8	70.6	88	94	118.8	27	37.7
Power, kW	3.7	3.0	3.5	4.3	4.8	4.9	6.2	1.1	1.8
Sound Pressure level, dB(A)	105	107	106	107	107	102	102	98	104
Sound Power level (LWA), dB(A)	119	117	118	120	118	115	116	111	116
Vibrations, front/rearhandle, m/s²	5.2/5.3	4.4 / 4.1	3.2 / 5.0	5.0/4.1	6.5 / 7.5	6.5 / 10.2	6.7 / 7.8	4.9 / 5.2	3.5 / 4.2
Weight excl. bar and chain, kg	6.5	5.3	6.1	6.6		7.9	10.4	2.7	3.9
Chain pitch, inches	3/8	.325 Pixel	3/8	3/8	3/8	3/8	0.404	3/8 LP	3/8 LP
Standard fit up. Bar length, inches	20"	16" - AU 18" - NZ	20"	20"	24"	24"	28"	12"	12"
Rec. bar length, inches	15-28	13-20	15-28	15-28	18–28	18–36	24–42	12-14	12–16
Inertia-activated chain brake	•	•	•	•	•	•	•	•	•
TrioBrake™	–	–	–	–	–	–	–	–	–
Air Injection™	•	•	•	•	•	•	–	•	•
X-Torq®	•	•	•	•	–	–	–	•	•
Low Vib®	•	•	•	•	•	•	•	•	•
AutoTune™	•	•	•	•	–	–	–	–	•
RevBoost™	–	–	–	–	–	–	–	–	–
Decompression valve	•	•	•	•	•	•	•	–	–
SmartStart®	•	•	•	•	•	•	–	•	•
Air purge	•	•	•	•	–	–	–	•	•
Starting reminder	–	–	–	–	–	–	–	–	–
Combined choke/ stop control	•	•	•	•	–	–	–	–	–
Magnesium crankcase	•	•	•	•	•	•	•	•	•
Forged three-piece crankshaft	•	•	•	•	•	•	•	•	•
Quick release on air filter/air filter cover	• / •	• / •	• / •	• / •	• / •	• / –	• / •	• / •	• / •
Visible fuel level	•	•	•	•	–	–	–	•	•
Flip-up Fuel/Oil Caps	•	•	•	•	–	–	–	•	•
Vibration-dampened carburettor	•	•	•	•	•	•	–	•	•
Adjustable oil pump	•	•	•	•	•	•	•	•	•
Side-mounted chain tensioner	•	•	•	•	•	–	–	•	•
Tool-less chain tensioner	–	–	–	–	–	–	–	–	–
Captive bar nuts	•	•	•	•	–	–	–	•	•
Integrated loop for rope	–	–	–	–	–	–	–	•	•

SOUND AND VIBRATION LEVELS

* Equivalent sound pressure level, as per ISO 22868, is calculated as the time-weighted energy sum for the sound pressure levels at various operational states. Typical variation for equivalent sound pressure level is a standard deviation of 1 dB(A).
** Equivalent vibration level, as per ISO 22867, is calculated as the time-weighted energy sum for the vibration levels at various operational states. Report data for equivalent vibration level has a typical statistical dispersion (standard deviation) of 1 m / s².
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CHAINSAWS - BATTERY	120i	535iXP	T535iXP	340i	540iXP	T540iXP
Article Number	967098202	967893814	967893912	967987914	967864014	967863712
Battery Type / Voltage	Li-Ion / 36V	Li-Ion / 36V	Li-Ion / 36V	Li-Ion / 36V	Li-Ion / 36V	Li-Ion / 36V
Motor type	Brushless	Brushless	Brushless	Brushless	Brushless	Brushless
Oil tank volume, L	0.2	0.2	0.2	0.2 L	0.2	0.2
Oil pump type	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic
Equivalent vibration level (ahv, eq)** Front / Rear handle"	3.4 / 3.8 m/s2	2.5 / 2.8 m/s²	2.0 / 2.4 m/s²	3.2 / 3.2 m/s²	3.6 / 3.7 m/s²	21 / 3.4 m/s²
Sound pressure level at operator's ear*	88 dB(A)	93 dB(A)	93 dB(A)	88 dB(A)	95 dB(A)	92 dB(A)
Sound power level, guaranteed (LWA)	101 dB(A)	106 dB(A)	106 dB(A)	101 dB(A)	106 dB(A)	103 dB(A)
Bluetooth / Fleet Support	–	–	–	•	•	•
Standard bar length	12"	14"	12"	14"	14"	12"
Chain pitch	3/8 LP	3/8 LP	3/8 LP	3/8 LP	3/8 LP	.325" Pixel
Chain gauge, mm	.043" / 1.1	.043" / 1.1	.043" / 1.1mm	.050" / 1.3mm	.050" / 1.3	.043" / 1.1
Chain speed at max power	11.5 m/s / 37.73 fts	20 m/s / 65.62 fts	20 m/s / 65.62 fts	20 m/s / 66 fts	24 m/s / 79 ft/s	24 m/s / 78.74 ft/s
Weight (excl. battery & Cutting equipment) / Incl. BLi20* & Cutting equipment	2.95 kg / 4.15* kg	2.6 / 3.8	2.4 / 3.6	2.9 kg / 4.1 kg	–	–
Weight (excl. battery & Cutting equipment) / Incl. BLi200 & Cutting equipment	-	2.6 / 3.9	2.4 / 3.6	–	–	–
Weight (excl. battery & Cutting equipment) / Incl. BLi200X & Cutting equipment	-	2.6 / 3.9	2.4 / 3.7	–	2.9 / 4.2	2.5 / 3.8