



BOSCH

PRO

GVC18V-25-120D

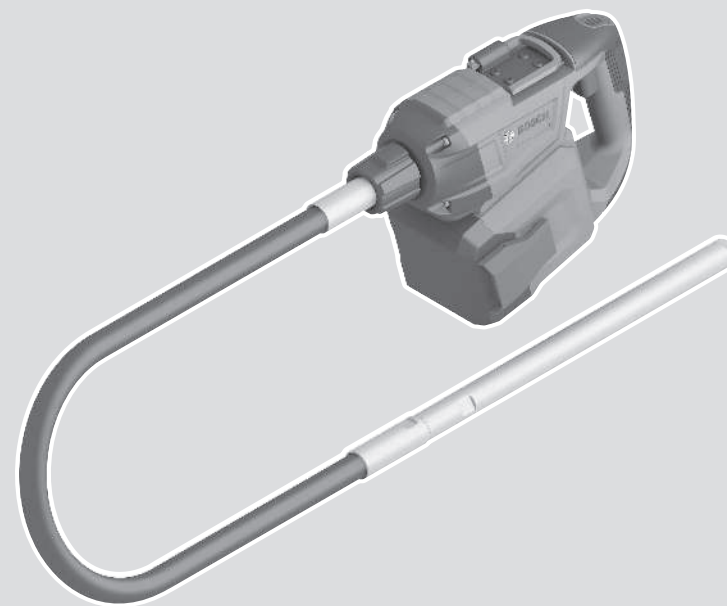
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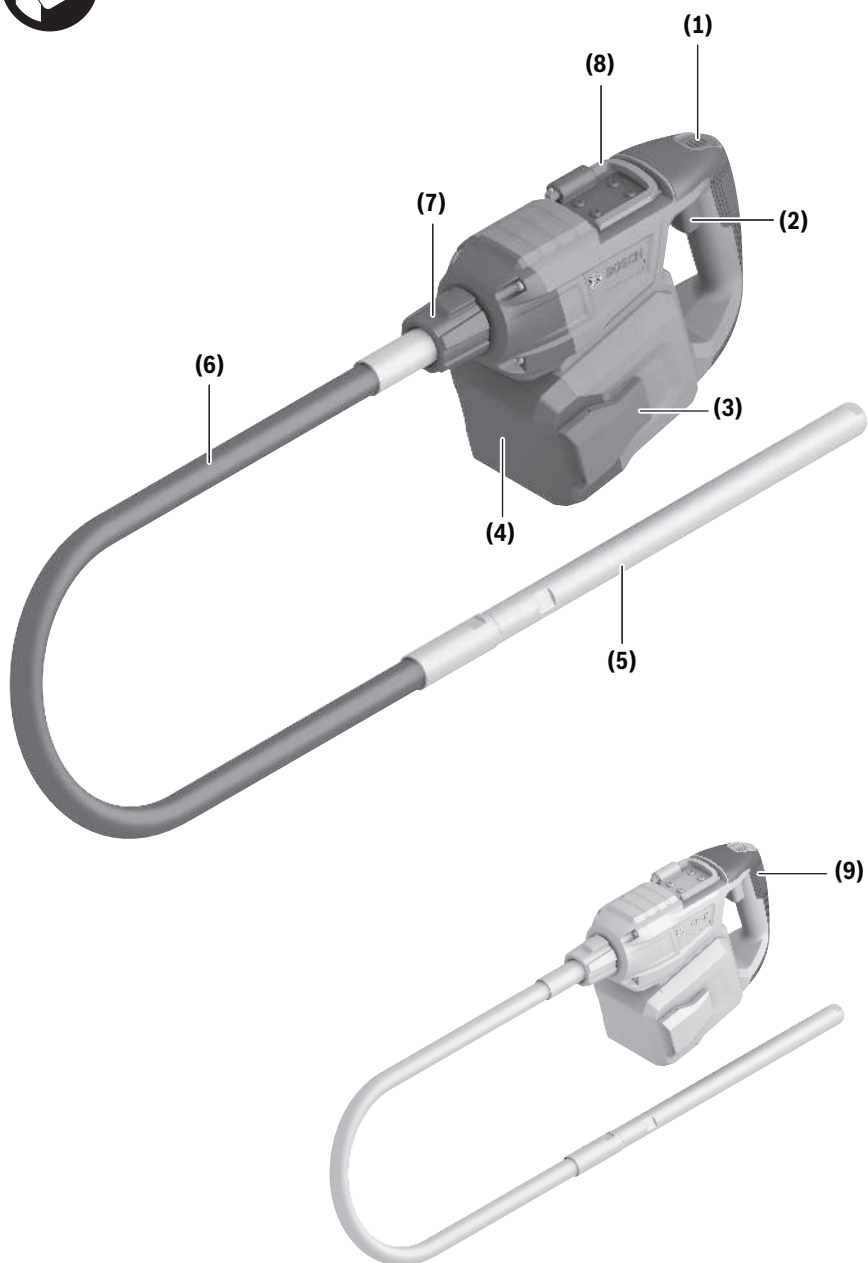


sr Originalno uputstvo za rad

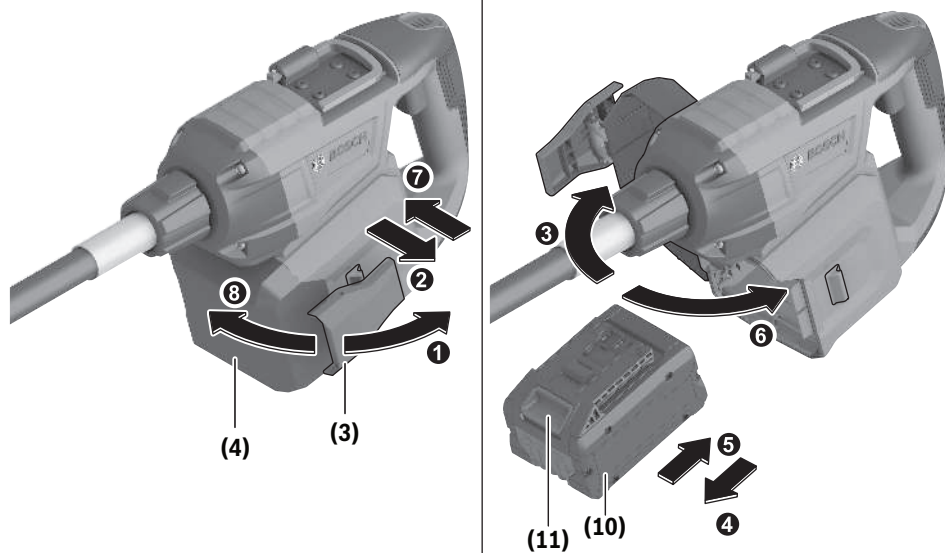
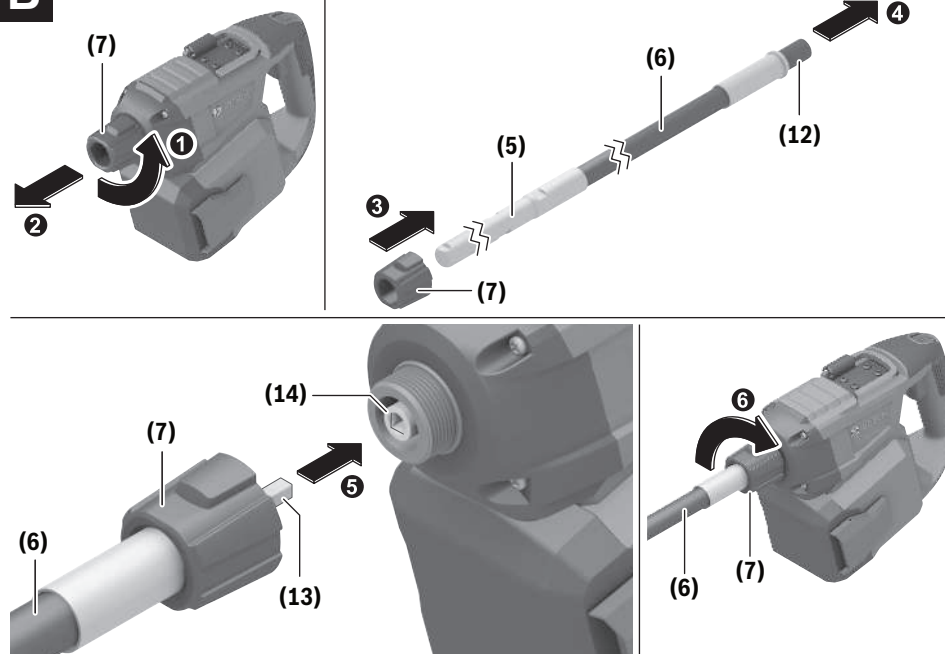


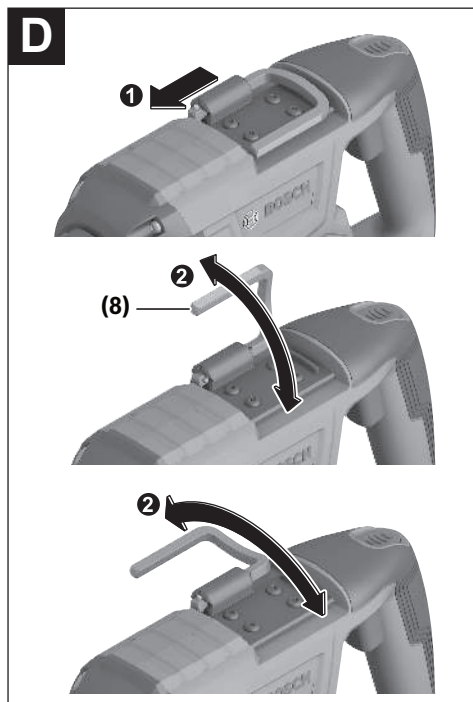
Srpski Strana 6





Bosch Power Tools

A**B**



Srpski

Bezbednosne napomene

Opšte sigurnosne napomene za električne alate

⚠ UPOZORENJE Pročitajte sva sigurnosna upozorenja, uputstva, ilustracije i specifikacije isporučene uz ovaj električni alat. Propusti u pridržavanju svih dole navedenih uputstava mogu imati za posledicu električni udar, požar i/ili teške povrede.

Čuvajte sva upozorenja i uputstva za buduću upotrebu.

Pojam „električni alat“ upotrebljen u upozorenjima odnosi se na električne alate sa pogonom na struju (sa kablom) i na električne alate sa akumulatorskim pogonom (bez kabla).

Sigurnost radnog područja

- ▶ **Držite vaše radno područje čisto i dobro osvetljeno.** Nered ili neosvetljena radna područja mogu voditi nesrećama.
- ▶ **Ne radite sa električnim alatom u okolini ugroženoj eksplozijom, u kojoj se nalaze zapaljive tečnosti, gasovi ili prašina.** Električni alati stvaraju varnice koje mogu zapaliti prašinu ili isparenja.
- ▶ **Držite podalje decu i druge osobe za vreme korišćenja električnog alata.** Stvari koje vam odvrćaju pažnju mogu dovesti do gubitka kontrole.

Električna sigurnost

- ▶ **Držite električni alat što dalje od kiše ili vlage.** Prodor vode u električni alat povećava rizik od električnog udara.

Sigurnost osoblja

- ▶ **Budite pažljivi, pazite na to šta radite i postupajte razumno tokom rada sa vašim električnim alatom. Ne koristite električni alat ako ste umorni ili pod uticajem droge, alkohola ili lekova.** Momenat nepažnje kod upotrebe električnog alata može rezultirati ozbiljnim povredama.
- ▶ **Nosite ličnu zaštitnu opremu. Uvek nosite zaštitne naočare.** Nošenje zaštitne opreme, kao što je maska za prašinu, sigurnosne cipele koje ne klizi, zaštitni šlem ili zaštita za sluh, zaviso od vrste i upotrebe električnog alata, smanjuje rizik od povreda.
- ▶ **Izbegavajte nenamerno puštanje u rad. Uverite se da je električni alat isključen, pre nego što ga priključite na struju i/ili na akumulator, uzmete ga ili nosite.** Nošenje električnog alata sa prstom na prekidaču ili priključivanje na struju uključenog električnog alata vodi do nesreće.
- ▶ **Uklonite bilo kakve ključeve za podešavanje ili ključeve za zavrtnjeve, pre nego što uključite električni alat.** Ostavljanje ključa za zavrtnjeve ili ključa prikačenog na rotirajući deo električnog alata može rezultirati ličnom povredom.
- ▶ **Izbegavajte neprirodno držanje tela. Pobrinite se uvek da stabilno stojite i u svako doba održavajte**

ravnotežu. Ovo omogućava bolje upravljanje električnim alatom u neočekivanim situacijama.

- ▶ **Nosite pogodnu odeću. Ne nosite široku odeću ili nakit. Držite kosu i odeću dalje od pokretnih delova.** Pokretni delovi mogu zahvatiti široku odeću, nakit ili dugu kosu.
- ▶ **Ako mogu da se montiraju uređaji za usisavanje i skupljanje prašine, uverite se da li su priključeni i upotrebljeni kako treba.** Usisavanje prašine može smanjiti rizike koji su povezani sa prašinom.
- ▶ **Ne dozvolite da pouzdanje koje ste stekli čestom upotrebom alata utiče na to da postanete neoprezni i da zanemarite sigurnosne principe za upotrebu alata.** Neoprezno delovanje može prouzrokovati teške povrede u deliću sekunde.

Upotreba i briga o električnim alatima

- ▶ **Ne preopterećujte aparat. Upotrebljavajte električni alat koji je pogodan za vaš zadatak.** Odgovarajući električni alat radi bolje i sigurnije tempom za koji je projektovan.
- ▶ **Ne koristite električni alat čiji je prekidač u kvaru.** Svaki električni alat koji se ne može kontrolisati prekidačem je opasan i mora se popraviti.
- ▶ **Izvučite utikač iz utičnice i/ili izvadite akumulatorsku bateriju iz električnog alata, ukoliko je to moguće, pre nego što izvršite bilo kakva podešavanja, promenu pribora ili pre nego što uskladištite električni alat.** Takve preventivne sigurnosne mere smanjuju rizik od slučajnog pokretanja električnog alata.
- ▶ **Čuvajte nekorisćene električne alate izvan dometa dece i ne dozvoljavajte korišćenje alata osobama koje ne poznaju isti ili nisu pročitale ova uputstva.** U rukama neobučenih korisnika električni alati postaju opasni.
- ▶ **Održavajte električni alat i pribor. Proverite da li pokretni delovi aparata besprekorno funkcionišu i da li su dobro povezani, da li su delovi možda polomljeni ili su tako oštećeni da je ugroženo funkcionisanje električnog alata. Pre upotrebe popravite alat ukoliko je oštećen.** Mnoge nesreće su prouzrokovane lošim održavanjem električnih alata.
- ▶ **Održavajte alate za sečenje oštre i čiste.** Sa adekvatno održanim alatom za sečenje sa oštrim sečivima manja je verovatnoća da će doći do zapinjanja i upravljanje je jednostavnije.
- ▶ **Upotrebljavajte električni alat, pribor, alate koji se umeću itd. prema ovim uputstvima. Obratite pažnju pritom na uslove rada i posao koji morate obaviti.** Upotreba električnog alata za namene drugačije od predviđenih može voditi opasnim situacijama.
- ▶ **Održavajte drške i prihvatne površine suvim, čistim i bez ostataka ulja ili masnoće.** Klizave drške ili prihvatne površine ne omogućavaju bezbedno rukovanje i upravljanje alatom u neočekivanim situacijama.

Upotreba i briga o alatu na akumulatorski pogon

- ▶ **Punite samo u aparatima za punjenje, koje je preporučio proizvođač.** Punjač koji je pogodan za jednu vrstu akumulatorske baterije može stvoriti rizik od požara ako se koristi za drugačiju akumulatorsku bateriju.
- ▶ **Upotrebljavajte električni alat samo zajedno sa akumulatorskim baterijama namenjenim za njih.** Upotreba bilo kojih drugih akumulatorskih baterija može stvoriti rizik od povrede ili požara.
- ▶ **Držite nekorišćenu akumulatorsku bateriju dalje od drugih metalnih objekata, poput kancelarijskih spajalica, novčića, ključeva, eksera, zavrtnja ili drugih malih metalnih predmeta, koji mogu prouzrokovati povezivanje jednog terminala sa drugim.** Kratak spoj između baterijskih terminala može prouzrokovati opekotine ili požar.
- ▶ **Kod pogrešne primene iz akumulatorske baterije može biti izbačena tečnost. Izbegavajte kontakt sa njom.** Kod slučajnog kontakta isperite sa vodom. Ako tečnost dospe u oči, potražite i dodatnu lekarsku pomoć. Tečnost iz akumulatora može prouzrokovati iritaciju ili opekotine.
- ▶ **Ne koristite akumulatorsku bateriju ili alat koji je oštećen ili modifikovan.** Oštećene ili modifikovane akumulatorske baterije mogu se ponašati nepredvidivo, što može rezultirati požarom, eksplozijom ili povredom.
- ▶ **Ne izlažite akumulatorsku bateriju ili alat vatri ili visokim temperaturama.** Izlaganje vatri ili temperaturama iznad 130 °C može prouzrokovati eksploziju.
- ▶ **Pridržavajte se svih uputstava u vezi sa punjenjem i ne punite akumulatorsku bateriju ili alat izvan temperaturnog opsega naznačenog u uputstvima.** Nepropisno punjenje ili punjenje na temperaturama izvan naznačenog opsega može oštetiti akumulatorsku bateriju i povećati rizik od požara.

Servisiranje

- ▶ **Neka vam vaš električni alat popravljaju samo kvalifikovano osoblje, koristeći samo originalne rezervne delove.** Ovo će osigurati očuvanje bezbednosti električnog alata.
- ▶ **Nikada ne servisirajte oštećene akumulatorske baterije.** Servisiranje akumulatorskih baterija treba da vrše isključivo proizvođač ili ovlašćeni serviseri.

Sigurnosne napomene za vibrator za beton



Nosite zaštitne naočare. Tako ćete zaštititi oči od betona koji prska.



Nosite rukavice. Vibrirajuća glava vibratora za beton može se zagrejati tokom upotrebe.

- ▶ **Izbegavajte dodirivanje vibrirajuće glave nakon upotrebe.** Površina može da bude veoma vruća.

- ▶ **Ne ostavljajte nikada električni alat pre nego što se potpuno ne zaustavi.** Upotrebljeni vibrirajući alat može dospeti u kontakt sa površinom za odlaganje, usled čega možete da izgubite kontrolu nad električnim alatom.
- ▶ **Vodite računa da se tokom rada ne sapletete o kabl.** Postoji opasnost od povrede.
- ▶ **Imajte na umu da je za nošenje ranca sa priključenim napajanjem i jedinicom za vibriranje potrebno više mesta.** Zbog toga je ograničena pokretljivost.
- ▶ **Držač za pojas za nošenje koristite isključivo za pričvršćivanje pojasa za nošenje i nemojte pričvršćivati sistem za zaštitu od pada na držač za pojas za nošenje.** Držač za pojas za nošenje i sam pojas za nošenje ne služe kao zaštita od pada.
- ▶ **Električni alat transportujte samo kada je isključen.** Uključeni električni alat bi slučajno mogao da dođe u dodir sa vašom odećom, da se umota u nju i da bude povučen ka vašem telu.
- ▶ **Tokom rada zaštitite mrežni kabl, tako da se ne uplete u oplati ili prelazi preko oštih ivica.**
- ▶ **Nemojte vući crevo preko oštih ivica ili armatura. Ako se vibrirajuća glava zaglavi, nemojte povlačiti crevo, već je oslobodite pomeranjem tamo-amo.** Tako ćete sprečiti oštećenje creva.
- ▶ **Kada se napajanje prekine, postavite prekidač za uključivanje/isključivanje u položaj isklj.** Na taj način se sprečava nekontrolisano ponovno pokretanje.
- ▶ **Kod oštećenja i nestručne upotrebe akumulatora može doći do isparavanja. Akumulator može da izgori ili da eksplodira.** Uzmite svež vazduh i potražite lekara ako dođe do tegoba. Para može nadražiti disajne puteve.
- ▶ **Nemojte menjati i otvarati akumulator.** Postoji opasnost od kratkog spoja.
- ▶ **Baterija može da se ošteti oštrim predmetima, kao npr. ekserima ili odvijačima zavrtnjeva ili usled dejstva neke spoljne sile.** Može da dođe do internog kratkog spoja i akumulatorska baterija može da izgori, dimi, eksplodira ili da se pregreje.
- ▶ **Akumulator koristite samo u proizvodima proizvođača.** Samo tako se akumulator štiti od opasnog preopterećenja.



Zaštitite akumatore od izvora toplote, npr. od trajnog sunčevog zračenja, vatre, prljavštine, vode i vlage. Postoji opasnost od eksplozije i kratkog

spoja.

Opis proizvoda i specifikacija



Pročitajte sve bezbednosne napomene i uputstva. Propusti u poštovanju bezbednosnih napomena i uputstava mogu da prouzrokuju električni udar, požar i/ili teške povrede.

Vodite računa o slikama u prednjem delu uputstva za rad.

Namenska upotreba

Vibrator za betonsku masu je namenjen za sabijanje većine vrsta betona prilikom izlivanja manjih ili srednjih površinskih temelja, trakastih temelja, malih podnih ploča, niskih zidova kao i malih ili srednje velikih struktura. Vibrator za betonsku masu održava betonsku smesu homogenom i uklanja vazdušne džepove kako bi beton postigao veću krutost i čvrstoću.

Prikazane komponente

Numerisanje komponenata sa slika odnosi se na prikaz proizvoda na grafičkim stranama.

- (1) Taster za deblokadu prekidača za uključivanje/isključivanje
- (2) Prekidač za uključivanje/isključivanje
- (3) Ručica za deblokadu pregrade za baterije
- (4) Poklopac pregrade za baterije
- (5) Boca vibratora
- (6) Crevo
- (7) Preklopna navrtka
- (8) Kuka za vešanje
- (9) Ručka (izolirana površina za držanje)
- (10) Akumulator^{a)}
- (11) Taster za otključavanje akumulatora^{a)}
- (12) Zaštitni poklopac (za crevo)
- (13) Savitljivo vratilo
- (14) Pogonsko vreteno

a) Ovaj pribor ne spada u standardni obim isporuke.

Tehnički podaci

Vibrator za betonsku masu		GVC18V-25-120D
Broj artikla		3 601 JP9 8...
Nominalni napon	V=	18
Vibracije u minuti	vpm	≤ 12700
Centrifugalna sila	N	≤ 1300
Prečnik boce vibratora	mm	25
Dužina creva ^{A)}	m	1,2
Težina ^{B)}	kg	4,5
Vrsta zaštite		IPX4 ^{C)}
Preporučena temperatura okruženja prilikom punjenja	°C	0 ... +35
Dozvoljena temperatura okruženja u radu ^{D)} i prilikom skladištenja	°C	-20 ... +50
Kompatibilni akumulatori		GBA18V... GBA 18V... ProCORE18V... EXPERT18V...

Vibrator za betonsku masu		GVC18V-25-120D
		EXBA18V... CORE18V...
Preporučeni akumulatori za punu snagu		ProCORE18V... ≥ 5.5 Ah EXPERT18V...
Preporučeni punjači		GAL18... GAL 18... GAL 36... GAL12V/18... GAL 12V/18... GAX 18V... EXAL18V...

A) Uključujući bocu vibratora

B) Bez akumulatora (Težinu akumulatora možete pogledati na www.bosch-professional.com)

C) Zaštita od prskanja vode sa svih strana

D) ograničeni učinak na temperaturama < 0 °C

Vrednosti mogu da se razlikuju u zavisnosti od proizvoda i zavise od uslova upotrebe i uslova iz okoline. Dodatne informacije možete pogledati na adresi www.bosch-professional.com/wac.

Informacije o šumovima/vibracijama

Vrednosti emisije buke utvrđene u skladu sa **EN IEC 62841-2-12**.

Nivo buke električnog alata vrednovan sa A iznosi tipično: nivo zvučnog pritiska **79 dB(A)**; nivo zvučne snage **87 dB(A)**; nesigurnost **K = 3 dB**.

Nosite zaštitu za sluh!

Vrednosti vibracije a_h (kontinuirane vibracije), p_f (ponovljene udarne vibracije) i nesigurnost K utvrđeni u skladu sa **EN IEC 62841-2-12**:

$a_h = 1,4 \text{ m/s}^2$, $K = 1,5 \text{ m/s}^2$, $p_f = 94 \text{ m/s}^2$ ($K = 45 \text{ m/s}^2$)

Nivo vibracija i vrednosti emisije buke, koji su navedeni u ovim uputstvima, su izmereni prema standardizovanom mernom postupku i mogu se koristiti za međusobno poređenje električnih alata. Pogodni su i za privremenu procenu emisije vibracije i buke.

Navedeni nivo vibracija i vrednost emisije buke predstavljaju realnu upotrebu električnog alata. Međutim, ako se električni alat upotrebljava za druge namene, sa drugim umetnim alatima ili ako se nedovoljno održava, može doći do odstupanja nivoa vibracija i vrednosti emisije buke. Ovo može u značajnoj meri povećati emisiju vibracija i buke tokom celokupnog perioda korišćenja.

Za tačnu procenu emisije vibracija i buke trebalo bi uzeti u obzir i vreme u kojem je uređaj isključen ili u situaciji da radi, ali nije zaista u upotrebi. Ovo može značajno redukovati emisije vibracija i buke tokom celokupnog perioda korišćenja.

Utvrđite dodatne sigurnosne mere radi zaštite korisnika od delovanja vibracija kao na primer: održavanje električnog alata i umetnog alata, održavanje toplih ruku, organizacija radnih postupaka.

Akumulator

Bosch prodaje akumulatorske električne alate i bez akumulatora. Na pakovanju možete pogledati da li se u sadržaju isporuke vašeg alata nalazi i akumulator.

Punjenje akumulatora

- **Koristite samo punjače koji su navedeni u tehničkim podacima.** Samo ovi punjači su usaglašeni sa litijum-jonskom akumulatorskom baterijom koja se koristi u Vašem električnom alatu.

Napomena: Litijum-jonski akumulatori se zbog međunarodnih transportnih propisa isporučuju delimično napunjeni. Da biste osigurali punu snagu akumulatora, pre prve upotrebe ga potpuno napunite.

Ubacivanje akumulatora

(videti sliku **A**)

- Pomoću ručice za deblokadu **(3)** pregrade za baterije za otključavanje. Poklopac pregrade za baterije **(4)** se otvara.
- Ubacite napunjeni akumulator **(10)** u prihvatač akumulatora tako da nalegne na mesto.
- Zatvorite poklopac **(4)** i zaključajte ga. Ručica za deblokadu **(3)** mora da uskoči uz zvuk.

Vađenje akumulatora

Za vađenje akumulatora pritisnite taster za deblokadu akumulatora i izvucite akumulator. **Ne koristite pritom silu.** Akumulator raspolaže sa 2 stepena blokade, koji treba da spreče da akumulator ispadne usled nenamernog pritiskanja tastera za deblokadu akumulatora. Dokle god se akumulator nalazi u električnom alatu, opruga ga drži na mestu.

Prikaz statusa napunjenosti akumulatora

Napomena: Nema svaki tip akumulatora na raspolaganju prikaz statusa napunjenosti.

Zeleni LED indikatori prikaza napunjenosti akumulatora prikazuju status napunjenosti akumulatora. Iz sigurnosnih razloga, provera stanja napunjenosti je moguća samo kada je električni alat u stanju mirovanja.

Pritisnite taster za prikaz statusa napunjenosti  ili  da bi bio prikazan status napunjenosti. To je moguće i kada je demontiran akumulator.

Ukoliko nakon pritiskanja tastera za prikaz statusa napunjenosti ne svetli nijedan LED indikator, znači da je akumulator neispravan i da mora biti zamenjen.

Tip akumulatora GBA 18V... | GBA18V...



LED	Kapacitet
Trajno svetlo 3 × zeleno	60–100%
Trajno svetlo 2 × zeleno	30–60%
Trajno svetlo 1 × zeleno	5–30%

LED	Kapacitet
Trepćuće svetlo 1 × zeleno	0–5%

Tip akumulatora ProCORE18V... | EXPERT18V... | EXBA18V... | CORE18V...



LED	Kapacitet
Trajno svetlo 5 × zeleno	80–100%
Trajno svetlo 4 × zeleno	60–80%
Trajno svetlo 3 × zeleno	40–60%
Trajno svetlo 2 × zeleno	20–40%
Trajno svetlo 1 × zeleno	5–20%
Trepćuće svetlo 1 × zeleno	0–5%

Prepoznavanje rizika od kvara akumulatora

EXPERT18V... | EXBA18V...

LED lampice prikaza statusa napunjenosti akumulatora pored nivoa napunjenosti akumulatora mogu da prikazuju i rizik od kvara akumulatora.

Da biste aktivirali ovu funkciju, držite taster za prikaz statusa napunjenosti  3 sekunde. Svetlosni niz prikaza statusa napunjenosti akumulatora pokazuje analizu akumulatora. Rezultat se prikazuje na prikazu statusa napunjenosti akumulatora.

1 LED lampica: Akumulator ima veliki rizik od kvara. Snaga i vreme rada mogu već da budu umanjene. Preporučujemo zamenu akumulatora.

5 LED lampica: Akumulator je u dobrom stanju sa malim rizikom od kvara.

Vodite računa: Procena rizika od kvara akumulatora funkcioniše u dve faze i pruža jednostavnu ocenu stanja. Ocenjuje se da je akumulator u dobrom stanju ili da ima povećan rizik od kvara. Stanje baterije se ne prikazuje u procentima.

Uputstva za optimalno ophodjenje sa akumulatorom

Zaštite akumulator od vlage i vode.

Lagerujte akumulator samo u području temperature od –20 °C do 50 °C. Ne ostavljajte akumulator leti npr. u autu. Čistite povremeno proreze za ventilaciju akumulatora sa mekom, čistom i suvom četkicom.

Bitno skraćeno vreme rada posle punjenja pokazuje da je akumulator istrošen i da se mora zameniti.

Obratite pažnju na uputstva za uklanjanje otpada.

Montaža

- **Pre svih radova na električnom alatu (npr. prilikom održavanja, promene alata itd.) izvadite akumulator.** Kod slučajnog aktiviranja prekidača za uključivanje/isključivanje postoji opasnost od povrede.

Pričvršćivanje creva i boce vibratora (videti sliku B)

Stavite električni alat i crevo (6) i bocu vibratora (5) na ravnu površinu.

Odvijte preklopnu navrtku (7) sa električnog alata. Prvo stavite preklopnu navrtku (7) u pravilnom položaju na bocu vibratora (5) i zatim na crevo (6). Izvadite zaštitni poklopac (12) iz creva (6). Umetnite crevo (6) sa vrhom savitljivog vratila (13) u pogonsko vreteno (14). Zavrnite crevo (6) pomoću preklopne navrtke (7) u smeru kretanja kazaljki na satu.

Usisavanje prašine/piljevine

Prašine od materijala kao što je premaz koji sadrži olovo, neke vrste drveta, minerali i metal mogu biti štetni po zdravlje. Dodir ili udisanje prašine mogu izazvati alergijske reakcije i/ili oboljenja disajnih puteva radnika ili osoba koje se nalaze u blizini.

Neke prašine kao od hrasta i bukve važe kao izazivači raka, posebno u vezi sa dodatnim materijama za obradu drveta (hromati, zaštitna sredstva za drvo). Materijal koji sadrži azbest smeju koristiti samo stručnjaci.

- Dobro provetrite radno mesto.
- Preporučuje se, da se nosi zaštitna maska za disanje sa klasom filtera P2.

Obratite pažnju na propise u Vašoj zemlji za materijale koje treba obrađivati.

- **Izbegavajte sakupljanje prašine na radnom mestu.** Prašine se mogu lako zapaliti.

Rad

- **Pre svih radova na električnom alatu (npr. prilikom održavanja, promene alata itd.) izvadite akumulator.** Kod slučajnog aktiviranja prekidača za uključivanje/isključivanje postoji opasnost od povrede.

Puštanje u rad

- **Pre svih radova na električnom alatu (npr. prilikom održavanja, promene alata itd.) izvadite akumulator.** Kod slučajnog aktiviranja prekidača za uključivanje/isključivanje postoji opasnost od povrede.

Uključivanje/isključivanje

Za puštanje u rad električnog alata pritisnite taster za deblokadu (1) i istovremeno pritisnite prekidač za uključivanje/isključivanje (2) i držite ga pritisnuto.

Da biste isključili električni alat, pustite prekidač za uključivanje/isključivanje (2).

Napomena: Iz sigurnosnih razloga, prekidač za uključivanje/isključivanje (2) se ne može blokirati, nego mora stalno da bude pritisnut tokom rada.

Vibriranje betona

- Uključite električni alat.

- Dozvolite boci vibratora (5) da prodre u beton pod sopstvenom težinom. Nemojte forsirati potapanje.

U zavisnosti od primene, vreme vibriranja je približno 10 do 20 sekundi za svako uranjanje (videti „Napomene za rad“, Strana 10).

- Isključite električni alat.

Napomene za rad

- **Izbegavajte prskanje betona.** Možete inače da se okliznete i izgubite kontrolu nad električnim alatom.
- **Električni alat nemojte ostavljati uključen, ako se igla vibratora nalazi izvan betona.** U suprotnom, radni vek ležajeva može da se skrati.

Uključite električni alat neposredno pre početka rada.

Zauzmite bezbedan i stabilan radni položaj. Ne naginjte se previše napred.

Dozvolite boci vibratora da prodre u smesu betona pod sopstvenom težinom. Nemojte forsirati potapanje.

Izbegavajte preopterećenje motora i prelamanje creva, jer bi savitljivo vratilo moglo da pukne.

Vreme vibriranja je 10 do 20 sekundi pri svakom uranjanju. Smesa betona je dovoljno sabijena kada je površina sjajna i kada više ne izlaze baloni. Predugo vibriranje uzrokuje segregaciju (odvajanje peska, šljunka i cementa) i gubitak čvrstoće smese betona. Zato pratite napredak rada.

Uronite bocu vibratora u smesu betona u razmacima između 8 i 10 puta većih od prečnika boce vibratora, npr. prečnik boce vibratora 25 mm = razmak uranjanja 25 cm, prečnik boce vibratora 35 mm = razmak uranjanja 35 cm, itd.

Videti sliku C: $X = (8 \dots 10) \times \varnothing_{\text{boca vibratora}}$

Prilikom izlivanja slojeva betona jedan za drugim, boca vibratora se mora umetnuti 10 do 15 cm duboko u već zbijeni donji sloj kako bi se postiglo dobro prijanjanje između slojeva.

Dok motor radi, polako izvucite bocu vibratora iz smese betona kako biste sprečili stvaranje mehurića ili udubljenja na zbijenoj površini.

Izbegavajte produženi kontakt sa oplatom ili armaturom kako biste sprečili oštećenje oplata i zaglavlivanje boce vibratora između armaturnih šipki. Ako se boca vibratora zaglavi, ne vucite crevo.

- **Električni alat skladištite na sigurnom mestu.** Pobrinite se za to da ne može da padne. U protivnom, električni alat se može oštetiti.

Kuka za vešanje (videti sliku D)

Pomoću kuke za vešanje (8) možete zakačiti električni alat npr. za skelu. Preklopite kuku za vešanje (8) ka spolja.

Ponovo sklopite kuku za vešanje (8) ako želite da radite sa električnim alatom.

Održavanje i servis

Održavanje i čišćenje

- **Pre svih radova na električnom alatu (npr. prilikom održavanja, promene alata itd.) izvadite akumulator.**

Kod slučajnog aktiviranja prekidača za uključivanje/isključivanje postoji opasnost od povrede.

- **Držite električni alat čist, da bi dobro i sigurno radio.**
- **Prilikom čišćenja, vodite računa da voda ne uđe u crevo.** Prodor vode može prouzrokovati ulazak betona u crevo i oštećenje električnog alata (npr. blokiranje ležajeva).

Čuvajte i ophodite se sa priborom pažljivo.

- **Očistite crevo i bocu vibratora nakon upotrebe kako biste sprečili štetno sušenje betona na površinama.**

Servis i saveti za upotrebu

Srpski

Tel.: +381 11 644 8546

Link ka našim servisnim adresama i uslovima garancije možete da pronađete na poslednjoj strani.

Molimo da kod svih pitanja i naručivanja rezervnih delova neizostavno navedete broj artikla sa 10 brojčanih mesta prema tipskoj pločici proizvoda.

Uklanjanje đubreta

Električne alate, akumulacione baterije, pribor i pakovanja treba predati na reciklažu koja je u skladu sa zaštitom životne sredine.



Ne bacajte električne alate i akumulatore/baterije u kućno đubre!

Samo za EU-zemlje:

Električni i elektronski uređaji ili istrošeni akumulatori i baterije koji više ne mogu da se koriste moraju da se skupljaju zasebno i odlože u otpad u skladu sa ekološkim propisima. Koristite naznačene sisteme za sakupljanje. Zbog mogućih opasnih materija koji se nalaze u uređaju, nepravilno odlaganje u otpad može da bude opasno za okolinu i zdravlje.

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1.6 - NanoPb 0.3.9.9

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1.7 - picolibc 1.8.8

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<https://www.bosch-pt.com/guarantee/202601>