



PRO

GLK18V-450

Robert Bosch Power Tools GmbH
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GERMANY

www.bosch-pt.com

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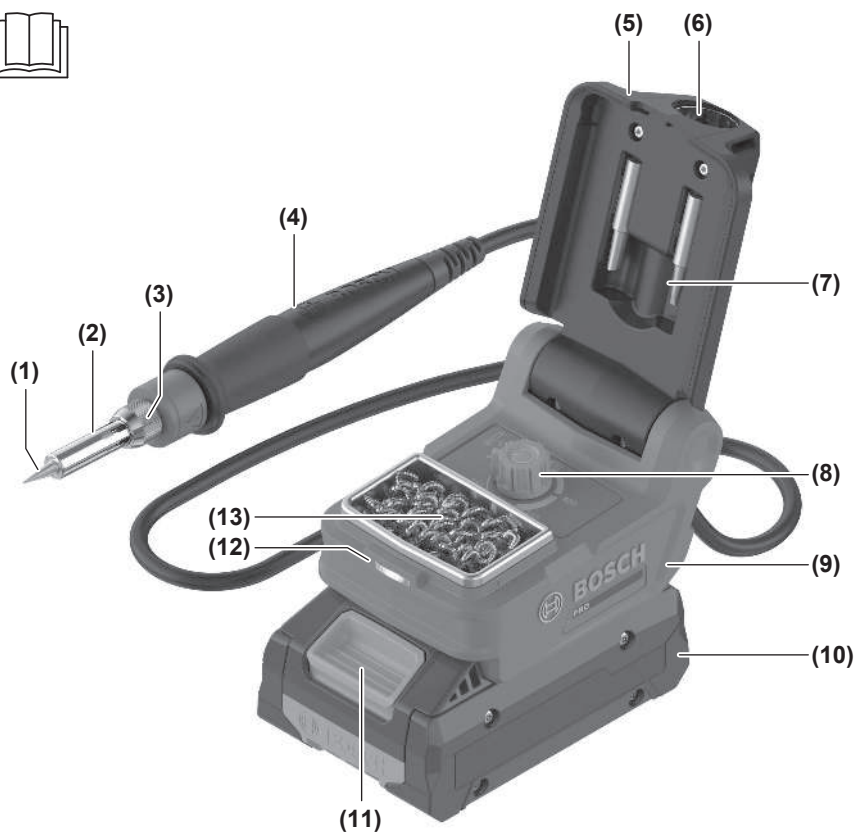
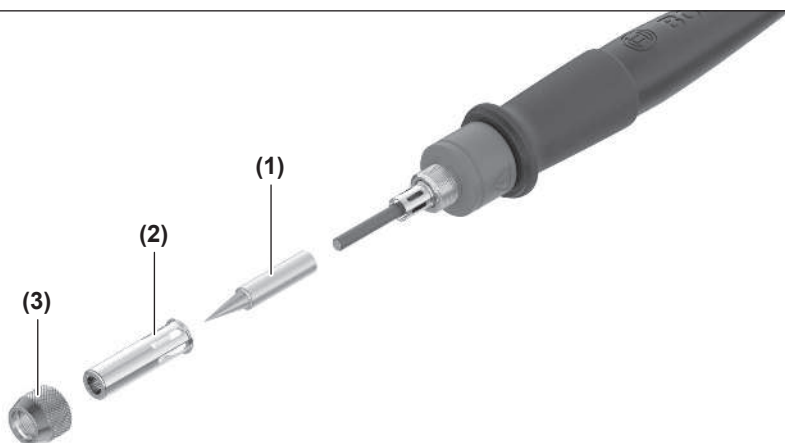


1 609 92A G1U



sr Originalno uputstvo za rad




A


Srpski

Bezbednosne napomene



Pročitajte sva upozorenja i uputstva.

Propusti u poštovanju napomena za sigurnost i uputstava mogu da prouzrokuju električni udar, požar i/ili teške povrede.

Čuvajte sva upozorenja i uputstva za budućnost.

- ▶ **Ova lemilica nije namenjena da je koriste deca i lica sa ograničenim fizičkim, senzornim ili mentalnim sposobnostima ili nedostatkom iskustva i znanja.** U suprotnom postoji opasnost od pogrešnog rukovanja i povreda.
- ▶ **Ovu lemilicu mogu da koriste deca od 8 godina i lica sa ograničenim psihičkim, senzornim ili mentalnim sposobnostima ili lica sa nedostatkom iskustva i znanja, ukoliko ih nadzire lice koje je odgovorno za njihovu bezbednost ili ako ih ono uputi u bezbedan rad sa ovom lemilicom ako razumeju s time povezane opasnosti.** U suprotnom postoji opasnost od pogrešnog rukovanja i povreda.
- ▶ **Nadzirite decu.** Time osiguravate da se deca ne igraju lemilicom.



Prilikom lemljenja nosite zaštitne naočare i zaštitnu odeću. Tečni lem i prskanje lema mogu izazvati opekotine ili povrede oka.



Vrh lemilice se tokom rada veoma zagreva.

Pri kontaktu sa kožom možete zadobiti opekotine. Sačekajte da se vrh lemilice ohladi pre nego što ga dodirnete.

- ▶ **Postavite stanicu za lemljenje na ravnu, horizontalnu podlogu.** Time ćete izbeći slučajno prevrtanje stanice za lemljenje, a samim tim i opasnost od požara.
- ▶ **Kada ne koristite lemilicu, odložite je u poklopac stanice za lemljenje.** Uverite se da je pravilno postavljena i fiksirana kako bi bila pravilno odložena. Time sprečavate da vruć vrh lemilice dođe u kontakt sa zapaljivim materijalom.
- ▶ **Uključenu lemilicu nikada ne ostavljajte bez nadzora.** Postoji opasnost od požara i povreda.
- ▶ **Uklonite zapaljive ili lako zapaljive materijale iz okoline kada radite sa lemilicom.** Postoji opasnost od požara.
- ▶ **Sačekajte da se lemilica ohladi i izvadite akumulator pre nego što zamenite vrh za lemljenje, transportujete lemilicu, odložite je ili je duže skladištite.** Postoji opasnost od požara i povreda.
- ▶ **Radite u dobro provetrenom okruženju.** Udisanje štetnih isparenja iz lema ili lemnne paste može ugroziti vaše zdravlje.
- ▶ **Ne lemite provodnike pod naponom i izbegavajte lemljenje u blizini provodnika pod naponom.** Postoji opasnost od strujnog udara.

- ▶ **Nemojte menjati i otvarati akumulator.** Postoji opasnost od kratkog spoja.
- ▶ **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.
- ▶ **Kod pogrešne primene ili oštećenja akumulatora može doći do curenja zapaljive tečnosti iz akumulatora.** Izbegavajte kontakt sa njom. Kod slučajnog kontakta isperite vodom. Ako tečnost dospe u oči, dodatno potražite i lekarsku pomoć. Tečnost koja curi iz akumulatora može da izazove nadražaje kože ili opekotine.
- ▶ **Baterija može da se ošteti ostrim 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.
- ▶ **Držite nekorišćeni bateriju dalje od kancelarijskih spajalica, novčića, ključeva, eksera, zavrtnja ili drugih malih metalnih predmeta, koji mogu prouzrokovati premošćavanje kontakata.** Kratak spoj između kontakata baterije može imati za posledicu opekotine ili vatru.
- ▶ **Koristite akumulator samo sa proizvodima ovog proizvođača.** Samo tako se akumulator štiti od opasnog preopterećenja.
- ▶ **Punite akumulatore samo punjačima koje preporučuje proizvođač.** Ukoliko punjač koji je prikladan za jedan tip akumulatora, koristite sa akumulatorima drugog tipa, postoji opasnost od požara.



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

spoja.

Opis proizvoda i primene

Molimo pogledajte slike na prednjem delu uputstva za upotrebu.

Upotreba prema svrsi

Lemilica je namenjena za meko lemljenje kablova i elektronskih komponenti. Lemilica se sme koristiti isključivo sa **Bosch** vrhovima za lemljenje.

Prkazane komponente

Označavanje brojevima prikazanih komponenata odnosi se na prikaz lemilice na grafičkoj strani.

- (1) Vrh za lemljenje
- (2) Čaura vrha za lemljenje
- (3) Pričvrtna navrtka vrha za lemljenje
- (4) Lemni štapić

- (5) Poklopac lemne stanice
 - (6) Prihvatač lemnog štapića
 - (7) Odlagalište za dodatne lemne vrhove
 - (8) Prekidač za uključivanje/isključivanje/regulator temperature
 - (9) Lemna stanica
 - (10) Akumulator^{a)}
 - (11) Taster za deblokadu akumulatora^{a)}
 - (12) Prikaz statusa
 - (13) Metalna vuna za čišćenje lemnog vrha
- a) **Ovaj pribor ne spada u standardni obim isporuke.**

Tehnički podaci

Lemilica	GLK18V-450	
Broj artikla		3 601 JS8 1..
Nominalni napon	V=	18
Temperatura lemljenja	°C	250–450
Maks. odstupanje temperature	%	±10
Težina ^{A)}	kg	0,5
Preporučena temperatura okruženja prilikom punjenja	°C	0 ... 35
Dozvoljena temperatura okruženja pri radu ^{B)} i pri skladištenju	°C	-20 ... 50
Kompatibilni akumulatori		GBA18V... GBA 18V... ProCORE18V... EXPERT18V... EXBA18V... CORE18V...
Preporučeni punjači		GAL18... GAL 18... GAL 36... GAL12V/18... GAL 12V/18... GAX 18... EXAL18...

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

B) 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.

Akumulator

Bosch prodaje akumulatorske lemlice i bez akumulatora. Na pakovanju možete pogledati da li se u obimu isporuke lemlice nalazi i akumulator.

Punjenje akumulatora

► **Koristite samo punjače koji su navedeni u tehničkim podacima.** Samo ovi punjači su usaglašeni sa litijum-jonskim akumulatorom koji se koristi u lemlici.

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

Ubacite napunjeni akumulator u prihvatač akumulatora tako da nalegne na mesto.

Vađenje akumulatora

Za vađenje akumulatora pritisnite taster za deblokadu akumulatora i izvucite akumulator. **Ne koristite pritom silu.**

Akumulator raspolaže sa 2 stepena blokade koji sprečavaju da akumulator ispadne pri nenamernom pritiskanju tastera za deblokadu akumulatora. Dok je akumulator umetnut u lemnu stanicu, opruga ga drži u položaju.

Prikaz statusa napunjenosti akumulatora

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

Zelene LED lampice indikatora stanja napunjenosti akumulatora prikazuju stanje napunjenosti akumulatora. Iz bezbednosnih razloga proveru stanja napunjenosti moguća je samo kada je lemlica isključena.

Pritisnite taster za prikaz statusa napunjenosti  ili , da biste prikazali status napunjenosti. To je moguće i kada je akumulator skinut.

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%
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 umanjani. 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 vlade 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

► **Sačekajte da se lemilica ohladi i izvadite akumulator pre nego što zamenite vrh za lemljenje, transportujete lemlicu, odložite je ili je duže skladištite.** Postoji opasnost od požara i povrede.

Zamena vrha za lemljenje (videti sliku A)

Postavite vrh za lemljenje koji odgovara konkretnoj primeni. Koristite isključivo **Bosch** vrhove za lemljenje.

Za zamenu vrha za lemljenje, odvrnite pričvrsnu navrtku (3) u smeru suprotnom od kazaljke na satu. Skinite pričvrsnu navrtku i čauru (2) vrha za lemljenje.

Skinite vrh za lemljenje (1) i postavite drugi vrh za lemljenje (1).

Ponovo postavite čauru (2) i pričvrsnu navrtku (3).

Zategnite rukom pričvrsnu navrtku u smeru kazaljke na satu. U odlagalištu (7) u poklopcu lemne stanice možete čuvati do 2 nekorišćena, ohlađena lemnna vrha (1).

Rad

Puštanje u rad

► **Pazite da kabl između lemnog štapića i lemne stanice ne bude savijen niti oštećen.** Više ne koristite lemnicu ako je kabl oštećen.

Uključivanje/isključivanje i regulacija temperature

Otvorite poklopac (5) lemne stanice. Poklopac može da uleže u 3 različita ugla otvaranja.

Za **uključivanje** lemilice pritisnite prekidač za uključivanje/isključivanje (8). Statusni indikator (12) se pali.

Regulatorom temperature (8) možete kontinuirano podešavati temperaturu lemljenja između 250 °C i 450 °C. Okrenite regulator temperature (8) tako da oznaka strelice pokazuje željenu temperaturu prema natpisu na regulatoru temperature.

Za **isključivanje** lemilice ponovo pritisnite prekidač za uključivanje/isključivanje (8). Statusni indikator (12) treperi crveno.

Umetnite lemnii štapić (4) u prihvati lemnog štapića (6) u poklopcu lemne stanice dok ne uleže. Zatvorite poklopac (5) na lemnu stanicu (9).

Režim Standby Modus

Radi zaštite akumulatora i lemnog vrha, lemilica se 15 min nakon poslednjeg pritiskanja ili okretanja prekidača za uključivanje/isključivanje/regulatora temperature (8) automatski prebacuje u režim Standby Modus. Pri tome se temperatura lemnog vrha snižava na 250 °C, a statusni indikator (12) treperi žuto.

Da biste aktivirali lemlicu, pritisnite ili okrenite prekidač za uključivanje/isključivanje/regulator temperature (8). Režim Standby Modus se završava, a lemnii vrh se zagreva na podešenu temperaturu (statusni indikator (12) treperi zeleno).

Ako se lemilica ne aktivira, ona se nakon 45 min u režimu Standby Modus automatski isključuje.

Napomena: Ako lemlicu treba isključiti u režimu Standby Modus, prvo pritisnite prekidač za uključivanje/isključivanje (8) radi aktiviranja, a zatim ponovo radi isključivanja.

Prikaz statusa

Statusni indikator (12) signalizira temperaturu lemnog vrha:

Prikaz statusa	Značenje
Treperi zeleno	Lemnii vrh se zagreva/hladi dok se ne dostigne podešena temperatura.
Svetli zeleno	Podešena temperatura je dostignuta.
Treperi žuto	Režim Standby Modus (temperatura je snižena na 250 °C)
Treperi crveno	Vrh za lemljenje se hladi nakon isključivanja.

Napomena: Ako se akumulator izvadi odmah nakon isključivanja, prikaz statusa (12) se gasi i više ne upozorava na vruć vrh za lemljenje. Umetnite lemnii štapić (4) u prihvat

lemnog štapića **(6)** u poklopcu lemne stanice kako biste sprečili slučajno dodirivanje lemnog vrha.

Napomene za rad

Čišćenje lemnog vrha

Očistite zaprljan lemní vrh **(1)**.

U tu svrhu umetnite lemní vrh u metalnu vunu **(13)** i pažljivo ga obrišite o metalnu vunu. Pazite da lemní vrh ne umetnete preduboko u metalnu vunu.

Zamenite metalnu vunu **(13)** kada se zaprlja.

Održavanje i servis

Održavanje i čišćenje

- ▶ **Sačekajte da se lemilica ohladi i izvadite akumulator pre nego što zamenite vrh za lemljenje, transportujete lemlicu, odložite je ili je duže skladištite.** Postoji opasnost od požara i povrede.
- ▶ **Održavajte lemlicu i ventilacione proreze čistim, da bi radili dobro i sigurno.**

Servis i saveti za upotrebu

Srpski

Tel.: +381 11 644 8546

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

Uklanjanje đubreta

Lemlicu, akumulator, pribor i ambalažu treba predati na reciklažu koja je u skladu sa zaštitom životne sredine.



Lemlicu i akumulator/baterije nemojte da bacate u kućno smeće!

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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1.1 – CMSIS V1.5.7- Apache-2.0

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1.2 – MM32/MM32SPIN0230/Device/MM32SPIN0230 V1.5.7/MM32/MM32SPIN0230//Samples/LibSamples V1.5.7 – BSD-3-Clause

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