

## PERUN 40 PLAZMA PFC

### Mašina za plazma sečenje

Namenjen je za visokokvalitetno sečenje materijala do debljine max. 15 mm (uglj.čelik). Produktivno sečenje uglj. čelika je moguće do debljine od 10 mm. Sa nižim kvalitetom reza, može se seći (razdvajati) materijal debljine do 20 mm.

### Koje su prednosti ovog plazma rezača??

Kontrola ventilatora, ako nije potrebna, potpuno se isključuje. Pokrivene kontrole. Sklopiva drška. Mogućnost povezivanja sa agregatom 110-230V. Velika brzina sečenja. Sečenje praktično bilo kog električno provodljivog materijala. Režim sečenja perforiranog lima. Originalni PARKER ili BINZEL gorionik. Moderni dizajn izvora, što rezultira malom težinom.



### Plasma cutting machine

This inverter Pegas Plasma cutting machine is possible productively to cut carbon steel up to 10 mm material thickness, to cut up to 15 mm in a very good quality (but slower) and simply to separate material of 20 mm thickness.

### What are the main advantages of this plasma cutter?

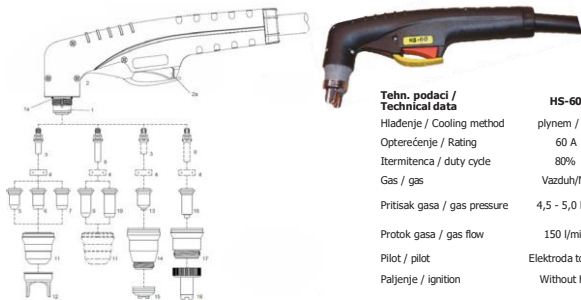
The fan switches off completely, when not needed. Perfect protection of the control panel. Folding handle that does not interfere. Power supply voltage 110-230V. High cutting speed. Suitable for cutting of any materials with electric conductivity. Special mode for cutting of perforated sheets. Original PARKER or BINZEL torches available. Modern construction of the plasma source ensuring low weight of the plasma cutter.



## Informacije o naručivanju / Ordering Information

Ilustracija / Illustration	Šifra art./Part No	Opis / Description
	5.0308	PERUN 40 PLASMA PFC+ masa kabel inclusive of earthing cable with clamp
	381.0001.1	Gorionik ABICUT 45 PEGAS 6 m / Torch ABICUT 45
	742.D121.1	Šestar ABICUT 45 / Circular Cutting Attachment ABICUT 45
	5048	Gorionik Plasma HS-60 6 m PEGAS veoma izdržljiva ruka / Torch HS-60 6m Hand HD Traf. Centr. Con.
	VM0303	Masa kabel 3m 200A 25 mm2 brza spojka. 35-50 / Earthing cable with clamp 3m 200A 25 mm2 35-50
	5302	Filter vazduha AT 1000 / Air Filter AT 1000
	5303	Uložak za filter vazduha AT 1000 / Air Filter cartridge AT 1000
	5304	Adapter Pegas Plasma / Adapter for Pegas Plasma

### 5048 Hořák Plasma HS-60 6 m PEGAS vysoko-odolný ruční / Torch HS-60 6m Hand HD Traf. Centr. Con.



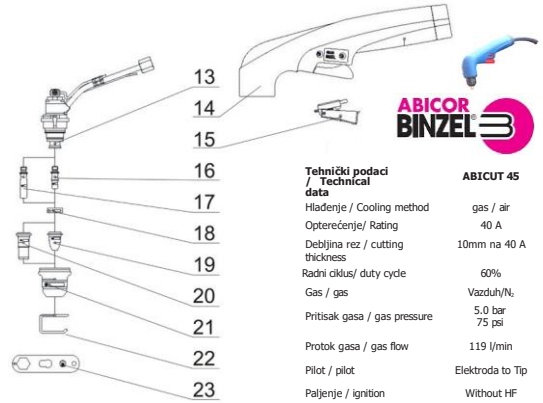
Tehn. podaci / Technical data	HS-60
Hlađenje / Cooling method	plynem / air
Opterećenje / Rating	60 A
Itemitencija / duty cycle	80%
Gas / gas	Vazduh/N <sub>2</sub>
Pritisak gasa / gas pressure	4,5 - 5,0 bar
Protok gasa / gas flow	150 l/min
Pilot / pilot	Elektroda to Tip
Paljenje / ignition	Without HF

Kod/Code	Naziv / Description	kom/pc
5085-1	Početni set HS-60 PEGAS / Starting Kit (sadrži stavke dole navedene) / contains items see below)	
5057 (SCP2520-06)	Dizna 0,65 10/20 A 60 / Tip, Contact Cutting	1
5058* (SCP2520-08)	Dizna 0,8 20/30 A 60 / Tip, Contact Cutting	1
5060 (SCP2522-09)	Dizna 0,9 30/40 A 60 pos 6 / Tip, Contact Cutting	2
5061 (SCP2524-10)	Dizna 1,0 40/50 A flat 60 / Tip, Contact Cutting	2
5066 (SCP2522-09E)	Dizna dlouhá 0,9 30/40 A 60 / Tip, Contact Cutting	1
5063 (SCP2504E)	Elektroda dlouhá 60 / Extended Electrode, Back Striking	1
5055* (SCP2504)	Elektroda standard 60 / Electrode, Back Striking	1
5069 (SCP2540)	Vodica 60 / Double pointed Spacer	4

Poz./pos.	Kód/Code	Naziv / Description
1	5050	Glava gorionika HS-60 ručni / HS-60 Hand Torch Head 70deg
1a	5052	O-Ring HS-60 / O-Ring
2	5053	Rukohvat HS-60 / Hand Handle with Switch
2a	5011	Prekidač PT-100 / Switch
3	5055*	Elektroda standard HS-60 / Electrode, Back Striking
4	5056	Diffuzer HS-60 / Swirl Ring
5	5058	Dizna 0,8 20/30 A HS-60 / Tip, Contact Cutting, Ø 0,8 (20-30A), Back Striking
5	5057	Dizna 0,65 10/20 A HS-60 / Tip, Contact Cutting, Ø 0,65 (10-20A), Back Striking
6	5060	Dizna 0,9 30/40 A HS-60 pos 6 / Tip, Contact Cutting, Ø 0,9 (30-40A), Back Striking
7	5061	Dizna 1,0 40/50 A flat HS-60 / Tip, Contact Cutting, Ø 1,0 (20-30A), Back Striking
7	5062*	Dizna 1,1 50/60 A flat HS-60 / Flat Tip, Cutting, Ø 1,1 (50-60A), Back Striking
8	5063	Elektroda dlouhá HS-60 / Extended Electrode, Back Striking
9	5064	Dizna duga 0,65 10/20 A HS-60 / Extended Tip, Contact Cutting, Ø 0,65 (10-20A), Back Striking
9	5065	Dizna duga 0,8 20/30 A HS-60 / Extended Tip, Contact Cutting, Ø 0,8 (20-30A), Back Striking
10	5066	Dizna duga 0,9 30/40 A HS-60 / Extended Tip, Contact Cutting, Ø 0,9 BackStriking
11	5068*	Kapa dizne 6 dër Max Life HS-60 / Retaining Cap, 6 holes, Maximum Life
12	5069	Vodica HS-60 / Double pointed Spacer
N/S	5025	Ključ za elektrode HS-60, 100 / Wrench for Electrode
13	5070	Dizna 0,9 30/40 A HS-60 pos 13 / Contact Tip, Ø 0,9 (30-40A), Back Striking
13	5071	Dizna 1,0 40/50 A HS-60 pos 13 / Contact Tip, Ø 1,0 (40-50A), Back Striking
13	5072	Dizna 1,1 50/60 A HS-60 pos 13 / Contact Tip, Ø 1,1 (50-60A), Back Striking
14	5073	Kapa dizne HS-60 pos 14 / Shield Cup Body
15	5074	Kapa dizne HS-60 pos 15 / Shield Cap, Hand
16	5076	Dizna duga 0,9 40 A HS-60 pos16 / Extended Shielded Tip, Ø 0,9 (40A), Back Striking
16	5077	Dizna duga 1,0 50 A HS-60 pos16 / Extended Shielded Tip, Ø 1,0 (50A), Back Striking
16	5078	Dizna duga 1,1 60 A HS-60 pos16 / Extended Shielded Tip, Ø 1,1 (60A), Back Striking
17	5131	Kapa dizne HS-60 pos 17 / Shield Cup Body pos.17
18	5132	Produžetak 40-60A HS-60 pos18 / Extended Shielded 40-60A HS-60 pos18
N/S	5081	Sestar - sada HS-60 / Circle Cutting Attachment

\* Standardna oprema gorionika  
\* Denotes torch package standard wear part set up

### 381.0001.1 Gorionik ABICUT 45 PEGAS 6 m ALFA IN Torch ABICUT 45 – na zahtev



Tehnički podaci / Technical data	ABICUT 45
Hlađenje / Cooling method	gas / air
Opterećenje/ Rating	40 A
Debljina rez / cutting thickness	10mm na 40 A
Radni ciklus/ duty cycle	60%
Gas / gas	Vazduh/N <sub>2</sub>
Pritisak gasa / gas pressure	5,0 bar 75 psi
Protok gasa / gas flow	119 l/min
Pilot / pilot	Elektroda to Tip
Paljenje / ignition	Without HF
Dofuk / post flow	≥60 s

Poz./Pos.	Kod / Code	Naziv / Description	ks / pc
		Početni set START / Start kit (obuhvaća položajke viz niže/ contains items see below)	
16	748.0032.10	Elektroda standard / Elektrode AB125/45	2
17	748.0048.10	Elektroda duga / Elektrode AB125/45	1
19	748.0035.10	Dizna 0,8 standard / Cutting tip 0,8	4
19	748.0061.10	Dizna 1,0 standard / Cutting tip 1,0	2
20	748.0049.10	Dizna 0,9 dlouhá / Cutting tip 0,9	2
21	748.0043.2	Kapa dizne / Nozzle AB145 45A	1
22	748.0050.5	Vodica / Lead AB125/45	1

Poz./Pos.	Kod/Code	Naziv/Description
13	748.0020.1	Telo gorionika / Torch body AB125/45
14	748.0053.1	Ručka / Handle AB125/45
15	185.0005	Vypínač tlak. 2-polohový / Trigger
16	748.0032.10	Elektroda standard / Electrode AB125/45
17	748.0048.10	Elektroda duga / Elektrode AB125/45
18	748.0033.2	Diffuzer / Diffuser AB125/45
19	748.0035.10	Dizna 0,8 standard / Cutting tip 0,8
19	748.0061.10	Dizna 1,0 standard / Cutting tip 1,0
19	748.0034.10	Dizna 0,65 standard / Cutting Tip 0,65 Standard AB125/45
20	748.0049.10	Dizna 0,9 dlouhá / Cutting tip 0,9
21	748.0052.2	Kapa dizne / Nozzle AB145 35A
21	748.0043.2	Kapa dizne / Nozzle AB145 45A
22	748.0050.5	Vodica / Lead AB125/45
23	748.0059.1	Ključ / Multi key AB125/45
	748.0057.1	Paket creva / Bundle AB145

## Tehnički podaci/ Technical data

SRPSKI	ENGLISH	J./Units	PERUN 40 PLASMA PFC	
Mrežni napon	Mains voltage	V/Hz	1 x 110/50-60	1x230/50-60
Opseg struje rezanja	Cutting current range	A	20 - 30	20 - 40
Napon otvorenog kola U <sub>20</sub>	Open-circuit voltage U <sub>20</sub>	V	320	
Jištění	Mains protection	A	25 @	16 @
Maks. efektivna struja I <sub>1eff</sub>	Max. effective current I <sub>1eff</sub>	A	20,4	15,4
Struja sečenja (DZ=100%) I <sub>2</sub>	Cutting current (DC=100%) I <sub>2</sub>	A	20	28
Struja sečenja (DZ=60%) I <sub>2</sub>	Cutting current (DC=60%) I <sub>2</sub>	A	22	33
Struja sečenja (DZ=x%) I <sub>2</sub>	Cutting current (DC=x%) I <sub>2</sub>	A	35%=30	50%=40
Max. Prod. sečenje uglj. čelika	Max. productive cut. thickness-carbon steel	mm	8	10
Max. sečenje uglj. čelika	Max. Cutting thickness - carbon steel	mm	15	20
Kvalitni rez	Quality cutting thickness	mm	10	15
	Ugljenični čelik	Carbon steel	6	10
	Aluminijum	Aluminium	3	4
	Bakar	Copper		
Radni pritisak (gorionik HS-60/ABICUT 45)	Working pressure (torch HS-60/ABICUT 45)	bar	4,5 / 5,0	
Maks. pritisak ulaznog vazduha	Max. Input pressure	bar	8,5	
Potrošnja vazduha (gorionik HS-60/ABICUT 45)	Air consumption (torch HS-60/ABICUT 45)	l/min	110 / 119	
Paljenje luka	Arc ignition		pneu-mechanic	
Važeća regulativa	Current regulation		continuous	
Zaštita	Protection		IP 23S	
Standard	Standards		EN 60974-1, EN 60974-10 cl. A	
Dimenzije (š x d x v)	Dimensions (w x l x h)	mm	160 x 505 x 310	
Težina	Weight	kg	8,0	