

QUICK USER MANUAL
HIZLI KULLANIM KILAVUZU
ID PULSE SERIES INVERTER WELDING MACHINE
ID PULSE SERİSİ İNVERTÖR KAYNAK MAKİNESİ



SAFETY PRECAUTIONS / GÜVENLİK KURALLARI



Carefully read the user manual for all safety precautions.

Güvenlik kurallarının detaylı anlatımı için kullanım kılavuzunu okuyunuz.



ELECTRIC SHOCKS MAY KILL

ELEKTRİK ÇARPMALARI ÖLDÜREBİLİR

Wear dry, undamaged, insulated gloves and workwear. Never touch the live parts. You can protect yourself from possible electric shocks by isolating yourself from the work surface and floor. If the machine is to be serviced, make sure that the machine is not energized. Make sure that the power line is properly grounded.

Kuru, hasar görmemiş, izolasyonlu eldiven ve iş önlüğü giyin. Elektrik taşıyan parçalara kesinlikle dokunmayın. Çalışma yüzeyinden ve zeminden kendinizi izole ederek olası muhtemel elektrik şoklarından koruna bilirsiniz. Makineye bakım yapılacak ise makinede enerji olmadığına dikkat edin. Elektrik hattının topraklanmasının doğru yapıldığından emin olun.



WELDING OPERATIONS MAY CAUSE FIRE AND EXPLOSION

KAYNAK İŞLEMİ YANGINLARA VE PATLAMALARA NEDEN OLABİLİR

Never perform welding work in places near flammable materials. There may be fire or explosions. Before starting the welding work, remove these materials from the environment or cover them with protective covers to prevent combustions and flaring. Yarıcı maddelere yakın yerlerde kesinlikle kaynak yapmayın. Yangın çıkabilir veya patlamalar olabilir. Kaynak işlemine başlamadan önce bu maddeleri ortamdan uzaklaştırın veya yanmalarını ve harlamalarını önlemek için koruyucu örtülerle üstlerini örtün.



FUMES AND GASES MAY BE HARMFUL TO YOUR HEALTH

DUMAN VE GAZLAR SAĞLIĞINIZ İÇİN ZARARLI OLABİLİR

Long-term inhalation of fumes and gases released from welding and cutting is very dangerous. Create a natural or artificial ventilation system in the work area.

Kaynak ve kesme işlemi yapılırken çıkan duman ve gazın solunması çok tehlikelidir. Çalışma alanında doğal ya da suni bir havalandırma sistemi oluşturun.



ARC LIGHT MAY DAMAGE YOUR EYES AND SKIN

ARK IŞIĞI GÖZLERİNİZE VE CİLDİNİZE ZARAR VEREBİLİR

Use a suitable protective mask and glass filter suitable for that to protect your eyes and face. Protect other naked parts of your body (arms, neck, ears, etc.) with suitable protective clothing from these rays.

Gözlerinizi ve yüzünüzü korumak için uygun koruyucu maske ile ona uygun cam filtre kullanın. Vücudunuzun diğer çıplak kalan yerlerini (kollar, boyun, kulaklar, vb.) uygun koruyucu giysilerle bu ışıklardan koruyun.

The documentation is only complete when used in combination with the relevant user manual for this welding machine.

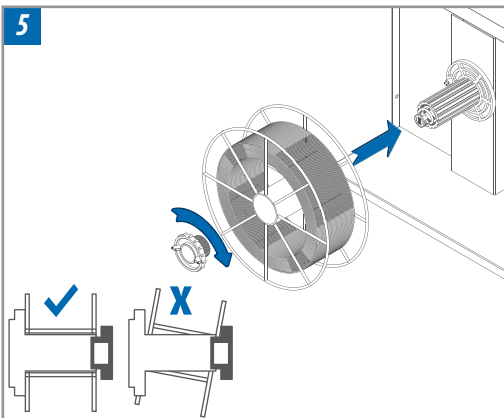
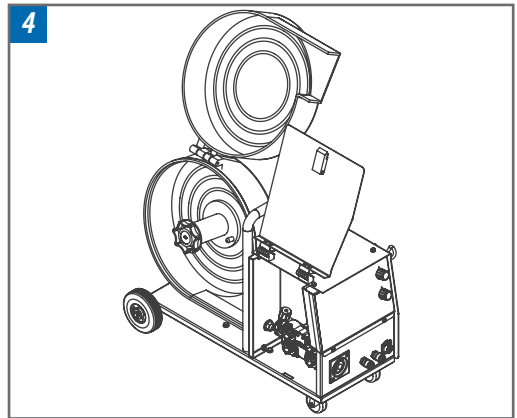
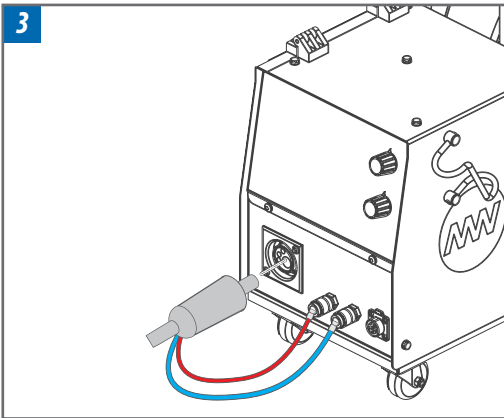
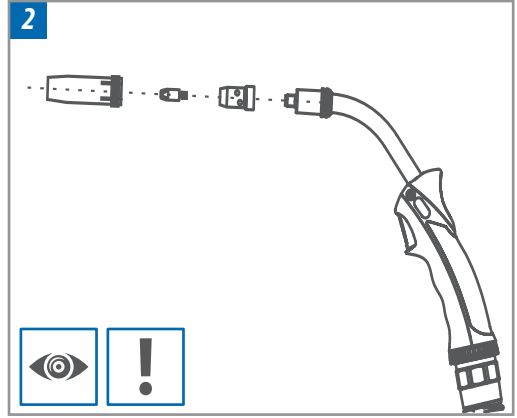
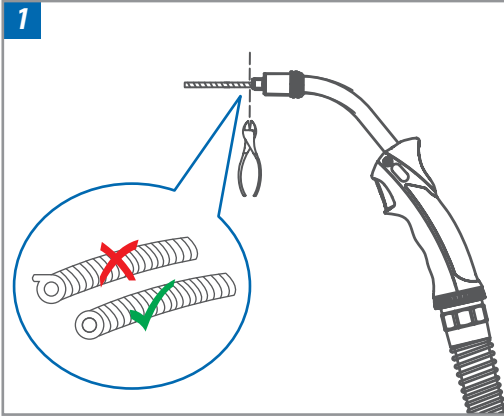
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Bu doküman sadece ilgili kaynak makinesinin kullanma kılavuzu ile birlikte kullanıldığında bir bütünlük sağlar.

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Magma Mekanik önceden haber vermeksizin bilgilerde ve resimlerde değişiklik yapılabilir.

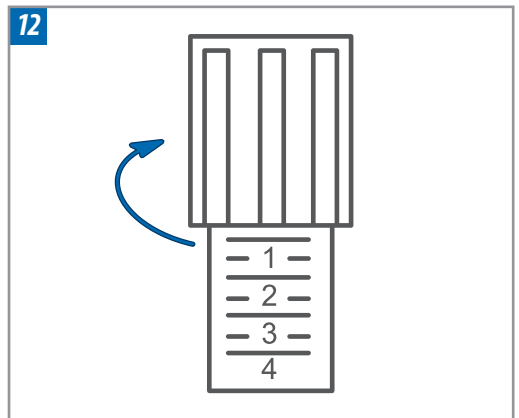
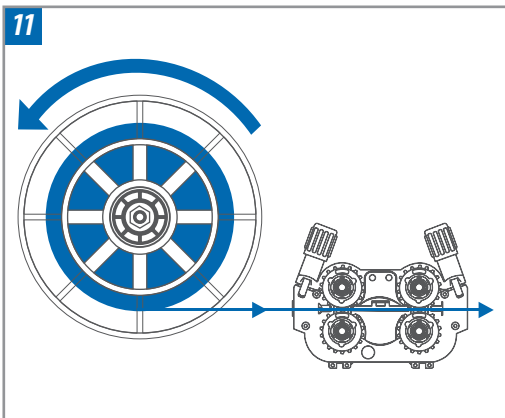
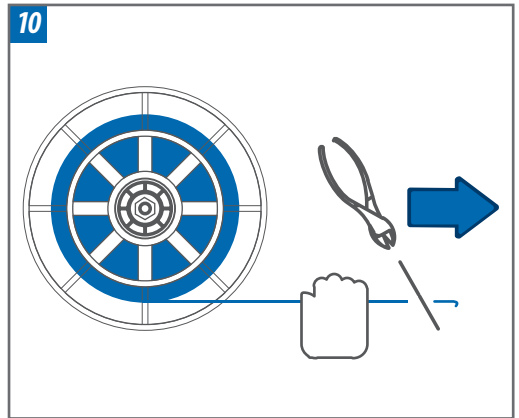
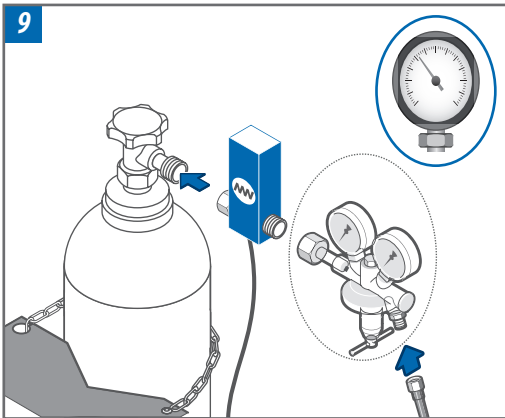
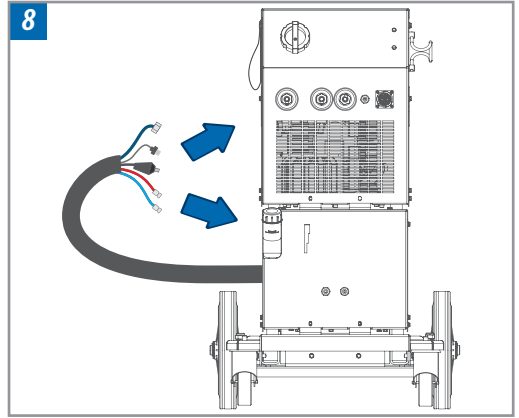
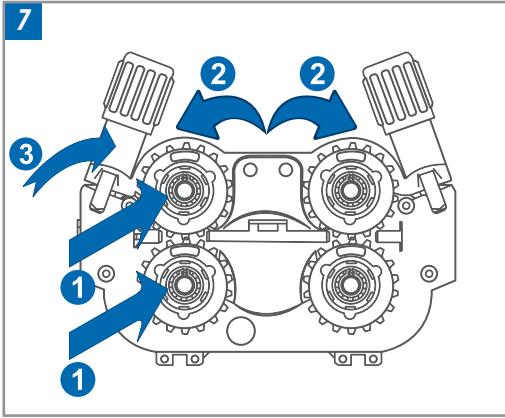
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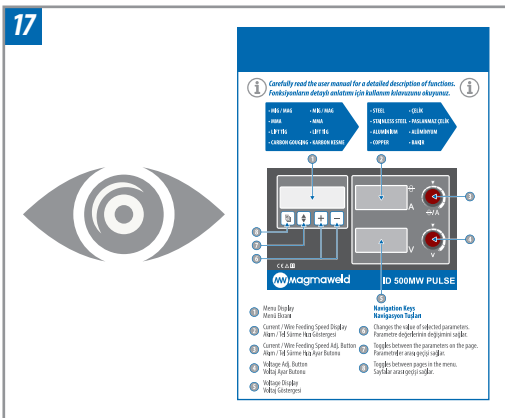
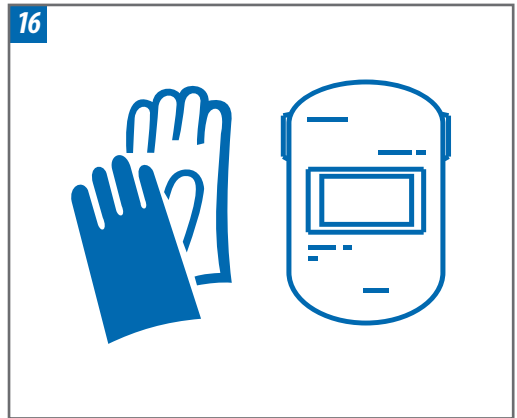
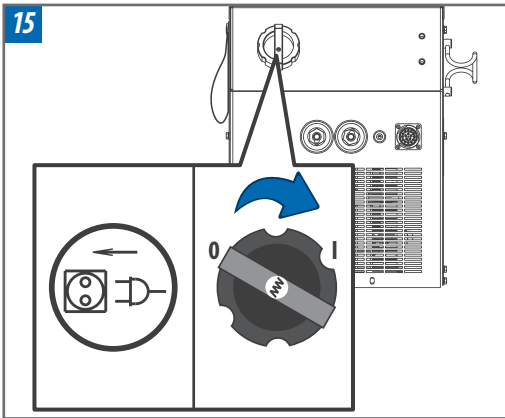
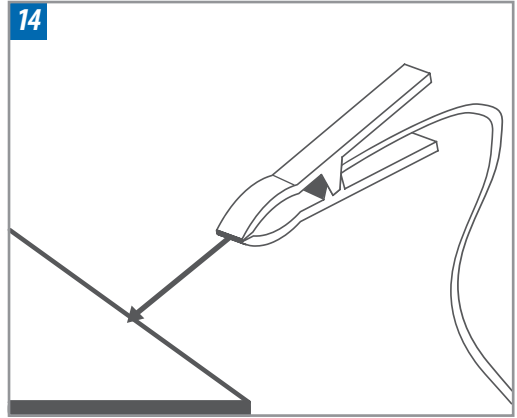
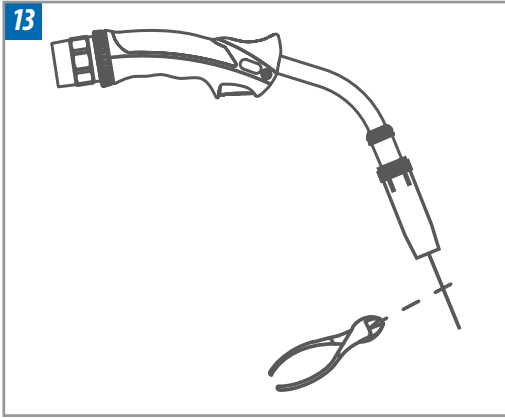


6



Type / Tip	Definition / Tanım	Size / Ebad	Code / Kod
V	Standard / Standart	0.8-1.0 mm	
V	Standard / Standart	1.0-1.2 mm	
V	Standard / Standart	1.2-1.6 mm	
V	Standard / Standart	2.0-2.4 mm	
U	Aluminium / Alüminyum	0.8-1.0 mm	
U	Aluminium / Alüminyum	1.0-1.2 mm	
U	Aluminium / Alüminyum	1.2- 1.6 mm	
U	Aluminium / Alüminyum	2.0-2.4 mm	
Serrated / Tırtıklı	FCW	1.0-1.2 mm	
Serrated / Tırtıklı	FCW	1.2-1.6 mm	
Serrated / Tırtıklı	FCW	2.0-2.4 mm	







Carefully read the user manual for a detailed description of functions.
Fonksiyonların detaylı anlatımı için kullanım kılavuzunu okuyunuz.

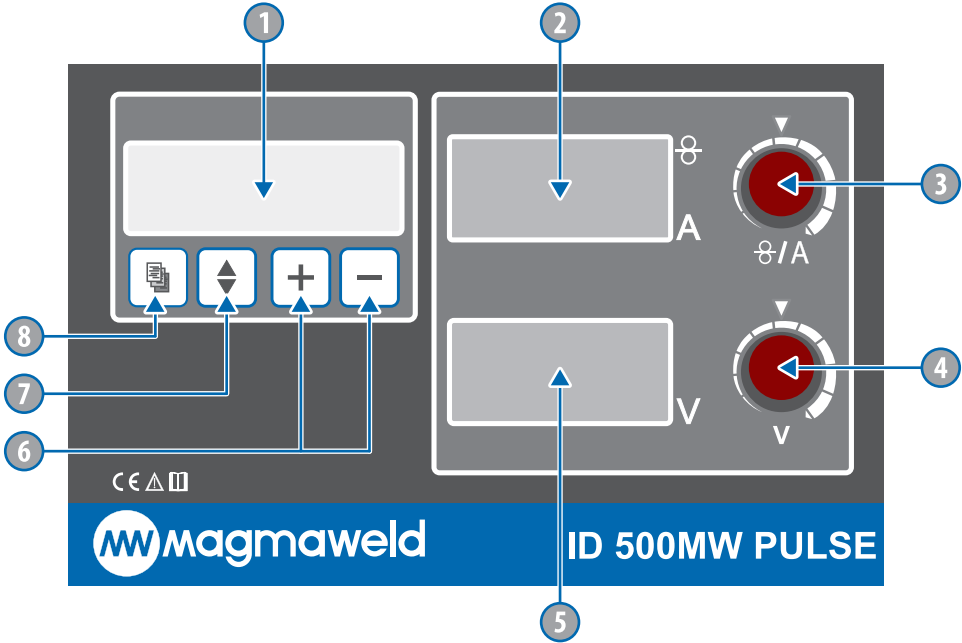


• MIG / MAG
• MMA
• LIFT TIG
• CARBON GOUGING

• MIG / MAG
• MMA
• LIFT TIG
• KARBON KESME

• STEEL
• STAINLESS STEEL
• ALUMINIUM
• COPPER

• ÇELİK
• PASLANMAZ ÇELİK
• ALÜMİNYUM
• BAKIR



1 Menu Display
Menü Ekranı

2 Current / Wire Feeding Speed Display
Akım / Tel Sürme Hızı Göstergesi

3 Current / Wire Feeding Speed Adj. Button
Akım / Tel Sürme Hızı Ayar Butonu

4 Voltage Adj. Button
Voltaj Ayar Butonu

5 Voltage Display
Voltaj Göstergesi

Navigation Keys
Navigasyon Tuşları

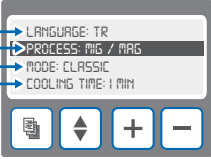
6 Changes the value of selected parameters.
Parametre değerlerinin değişimini sağlar.

7 Toggles between the parameters on the page.
Parametreler arası geçişi sağlar.

8 Toggles between pages in the menu.
Sayfalar arası geçişi sağlar.

PAGE 1

- LANGUAGE: TR - EN - FR - DE
- PROCESS: MMA - MIG/MAG - Pulse - D.Pulse
- COOLING TIME: 1 - 5 min.

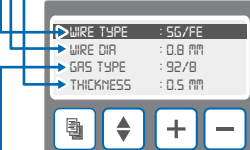


- MODE:
- MMA : Method - Cell / Gauging - Rutile / Basic
 - MIG/MAG : Classic - Smart - Synergic
 - Pulse : Classic - Smart - Synergic
 - D.Pulse : Classic - Smart - Synergic

PAGE 2

- WIRE TYPE: Fe - 307 - CuAl8 - CuSn - 309L - CrNiER308 - FCW-R
- CrNiER316 - Al 99.5 - AlSi 5 - AlMg 5 - AlMg 4.5Mn - FCW-B
- WIRE DIAMETER: 0.8 - 1.6 mm

THICKNESS: 0.6 - 20 mm

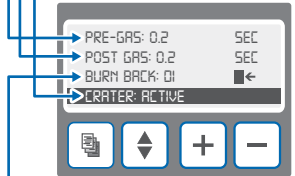


GAS TYPE: 82/18 - 92/8 - %100 Ar - %100 CO₂ - 97,5/2,5

NOTE:
Welding parameter must be selected correctly.

PAGE 3

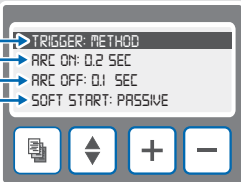
- PRE-GAS TIME: 0 - 9.9 sec.
- POST GAS TIME: 0 - 9.9 sec.
- CRATER: Active - Passive



BURN BACK: <- 25 - 25 >

PAGE 4

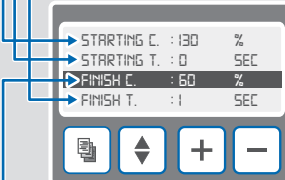
- TRIGGER: 2 Trigger - 4 Trigger - 6 Trigger - Method
- ARC ON TIME: 0.2 - 9.9 sec.
- SOFT START: Active / Passive



ARC OFF TIME: 0.0 - 9.9 sec.

PAGE 5

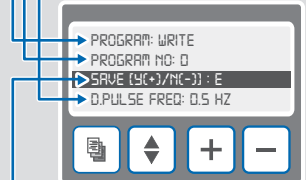
- STARTING CURRENT: %0 - 200
- STARTING TIME: 0 - 5 sec.
- FINISH TIME: 0 - 5 sec.



FINISH CURRENT: %0 - 200

PAGE 6

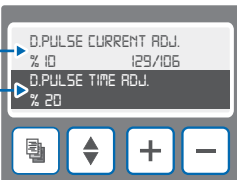
- PROGRAM: Read / Write
- PROGRAM NO: 0 - 99
- D.PULSE FREQ: 0.5 - 5 Hz



SAVE: yes (+) / no (-)

PAGE 7

D.PULSE CURRENT ADJUSTMENT: %5 - 50



D.PULSE TIME ADJUSTMENT: %20 - 80



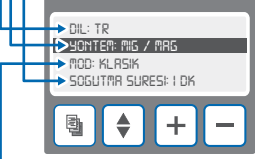
HIZLI KURULUM KILAVUZU

SAYFA 1

DİL: TR - EN - FR - DE

YÖNTEM: MMA - MIG/MAG - Pulse - D.Pulse

SOĞUTMA SÜRESİ: 1 - 5 dk.



MOD:

- MMA : Metod - Sel/Karbon - Rutil/Bazik
- MIG/MAG : Klasik - Akıllı - Sinerjik
- Pulse : Klasik - Akıllı - Sinerjik
- D.Pulse : Klasik - Akıllı - Sinerjik

SAYFA 2

TEL TİPİ: Fe - 307 - CuAl8 - CuSn - 309L - CrNiER308 - FCW-R
CrNiER316 - Al 99.5 - AISI 5 - AlMg 5 - AlMg 4.5Mn - FCW-B

TEL ÇAPİ: 0.8 - 1.6 mm.

KALINLIK: 0.6 - 20 mm.



GAZ TİPİ: 82/18 - 92/8 - %100 Ar - %100 CO₂ - 97,5/2,5

NOT:

Kullanılacak olan kaynak parametreleri doğru olarak seçilmelidir.

SAYFA 3

ÖN GAZ SÜRESİ: 0 - 9.9 sn.

SON GAZ SÜRESİ: 0 - 9.9 sn.

KRATER: Aktif- Pasif



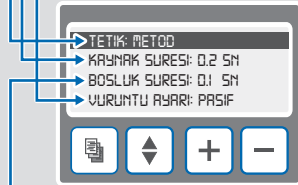
GERİ YANMA: ← 25 - 25 →

SAYFA 4

TETİK: 2 Tetik - 4 Tetik - 6 Tetik - Metod

KAYNAK SÜRESİ: 0.2 - 9.9 sn.

VURUNTU AYARI: Aktif / Pasif



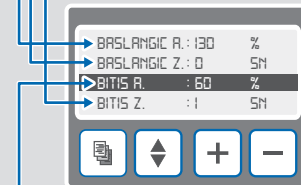
BOŞLUK SÜRESİ: 0.0 - 9.9 sn.

SAYFA 5

BAŞLANGIÇ AKIMI: %0 - 200

BAŞLANGIÇ ZAMANI: 0 - 5 sn.

BİTİŞ ZAMANI: 0 - 5 sn.



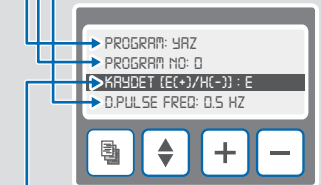
BİTİŞ AKIMI: %0 - 200

SAYFA 6

PROGRAM: Oku / Yaz

PROGRAM NO: 0 - 99

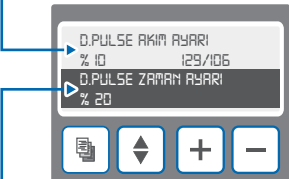
D.PULSE FREQ: 0.5 - 5 HZ



KAYDET: evet (+) / hayır (-)

SAYFA 7

D.PULSE AKIM AYARI: %5 - 50



D.PULSE ZAMAN AYARI: %20 - 80

