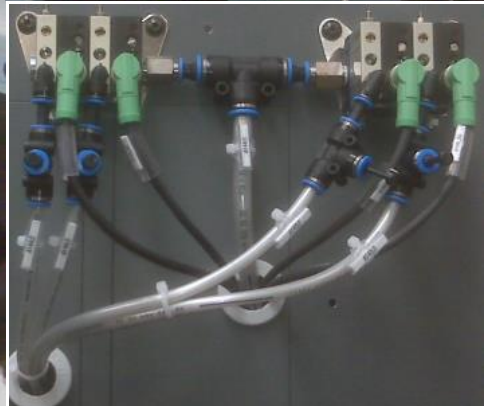
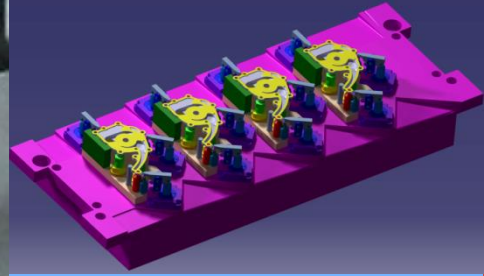
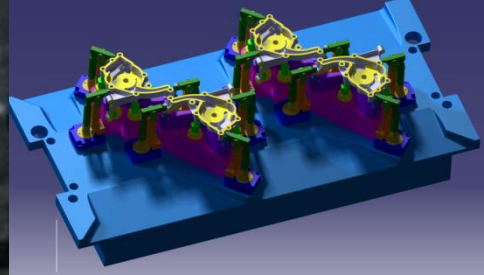
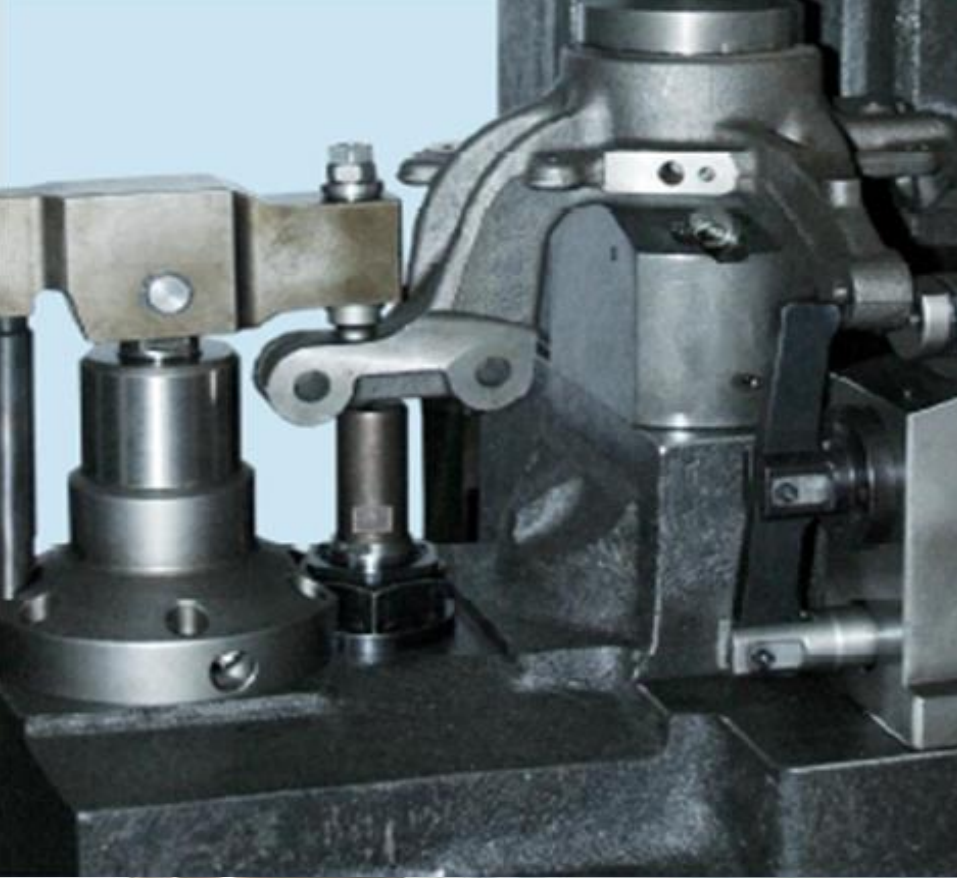
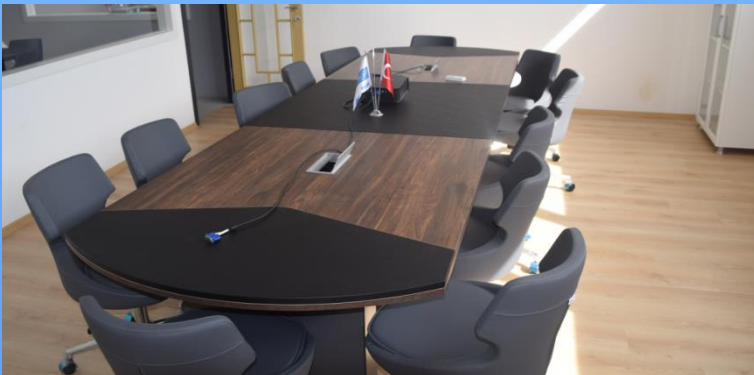






## FABRIKAMIZDAN GÖRÜNTÜLER







## FABRİKAMIZDAN GÖRÜNTÜLER







## FABRİKAMIZDAN GÖRÜNTÜLER







## FABRİKAMIZDAN GÖRÜNTÜLER





## FABRİKAMIZDAN GÖRÜNTÜLER





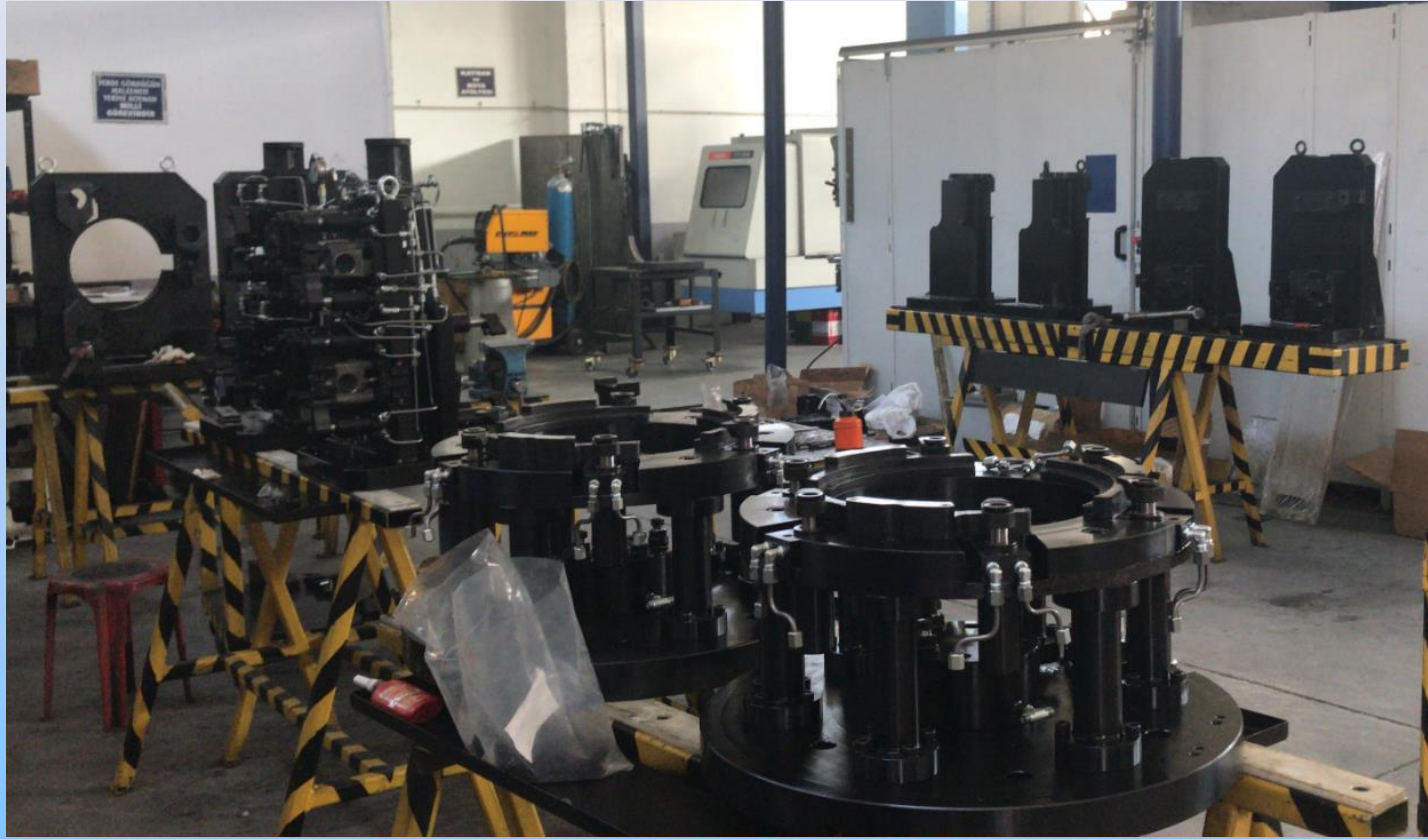


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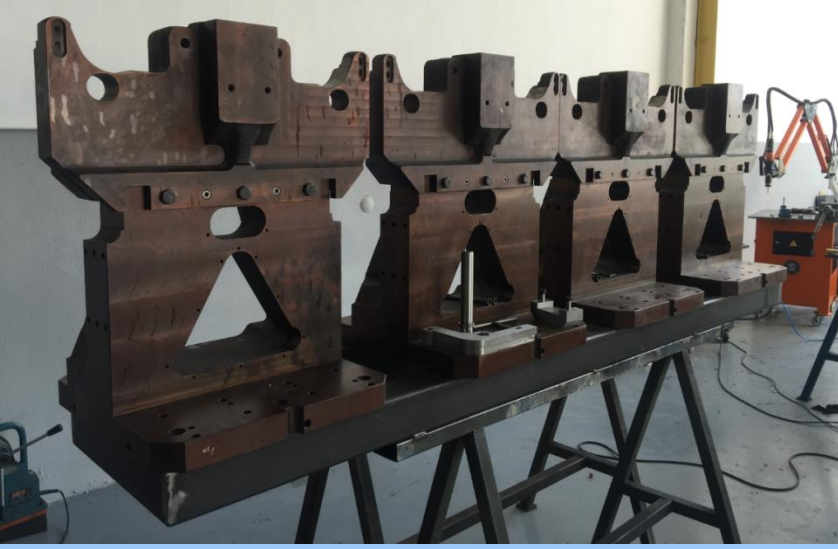
## FABRİKAMIZDAN GÖRÜNTÜLER







## FABRİKAMIZDAN GÖRÜNTÜLER





## FABRİKAMIZDAN GÖRÜNTÜLER ( FİKSTÜR AMBALAJ BÖLÜMÜ )







## MAKİNA HİDROLİK HAZIRLIĞI İÇİN ÜNİTELERİN MONTAJI





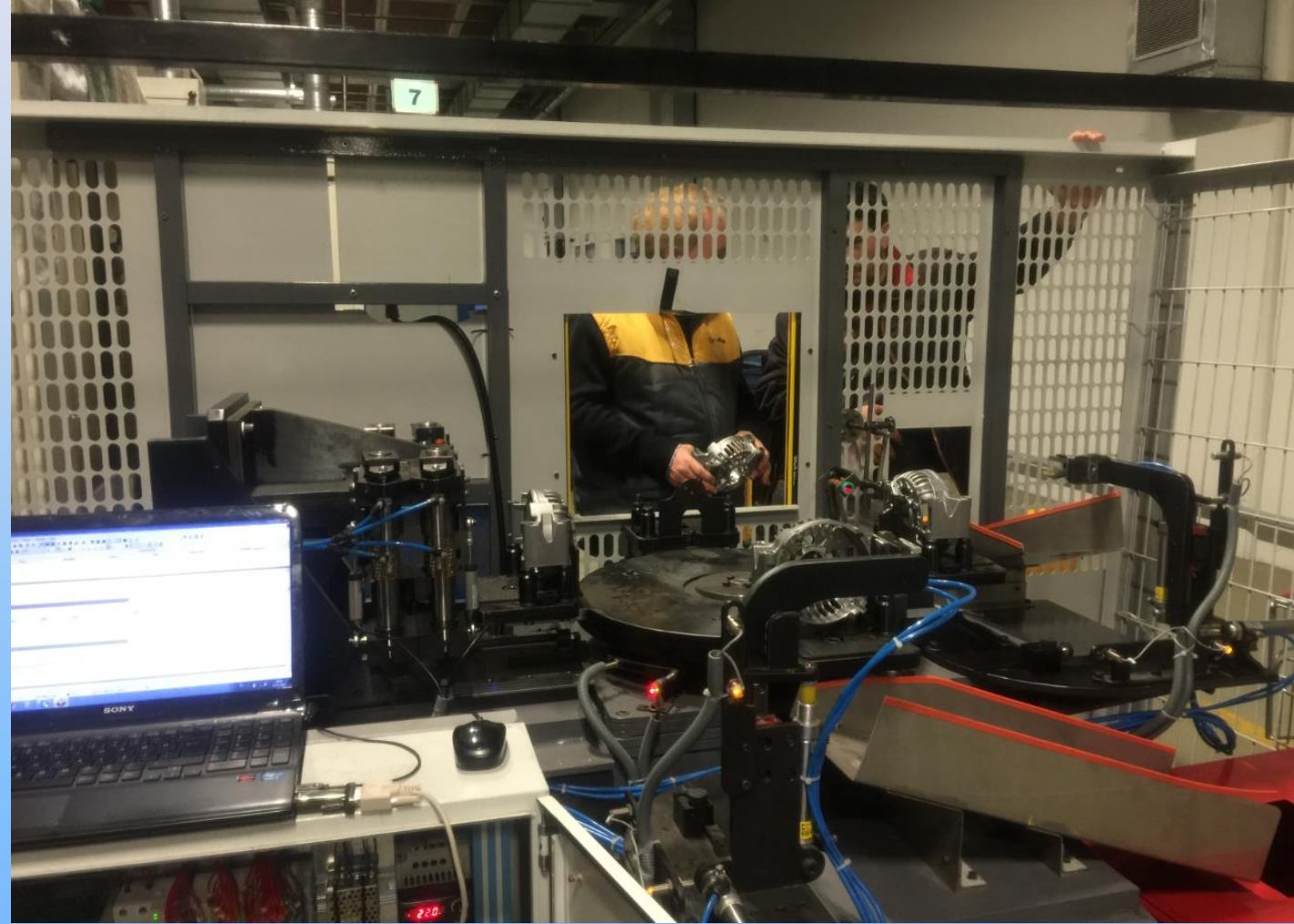
## BİTEN BAZI PROJELERDEN GÖRÜNTÜLER







**% 100 KONTROL ÖLÇÜM CİHAZI**  
**( OK VE RED PARÇALARI OTOMATİK AYIRIR )**





## TİRSAN KARDAN İÇİN İMAL ETTİĞİMİZ TAM OTOMATİK BESLEMELİ ÇAKMA PRESİ







## TİRSAN KARDAN İÇİN İMAL ETTİĞİMİZ OTOMATİK ÇAKMA PRESİ





## REFERANSLARIMIZ

**cimtas**

**ALP**  
AVIATION

**LOKUMA**

**ENKA cimtas**  
Engineering for a Better Future

**Kale Kalıp**

**FORM Mazak**  
MAKİNA

**Kale Pratt & Whitney**

**arçelik**

**DMG MORI**

**Ege Endüstri**  
**Bayraktar** **TR**

**Valeo**

**Td**  
**TRAKYA DÖKÜM**  
"your casting development partner"

**Ege Fren** **MERITOR**

**Çelikel**

**DEMİSAŞ**

**TURKISH  
TECHNIC**

**TORUN**

**Mazak**

**HİDROMEK**

**ARPEK**

**Türk Traktör**

**OYAK RENAULT**



**BASAK**



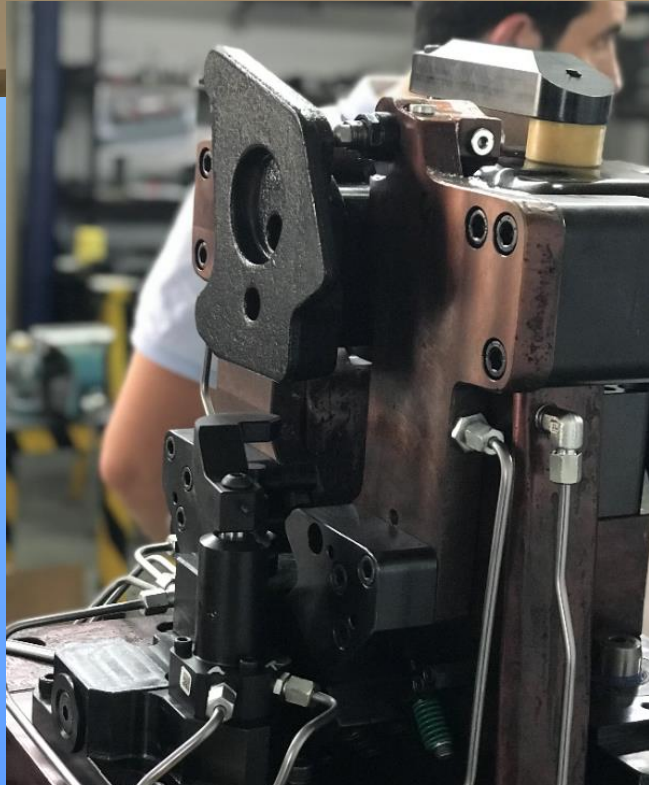


## HEMA MOTOR BLOK HATTI İÇİN GELİŞTİRDİĞİMİZ GRIPPER FİKSTÜRÜ





## Ford Dingil İşleme Fikstürleri

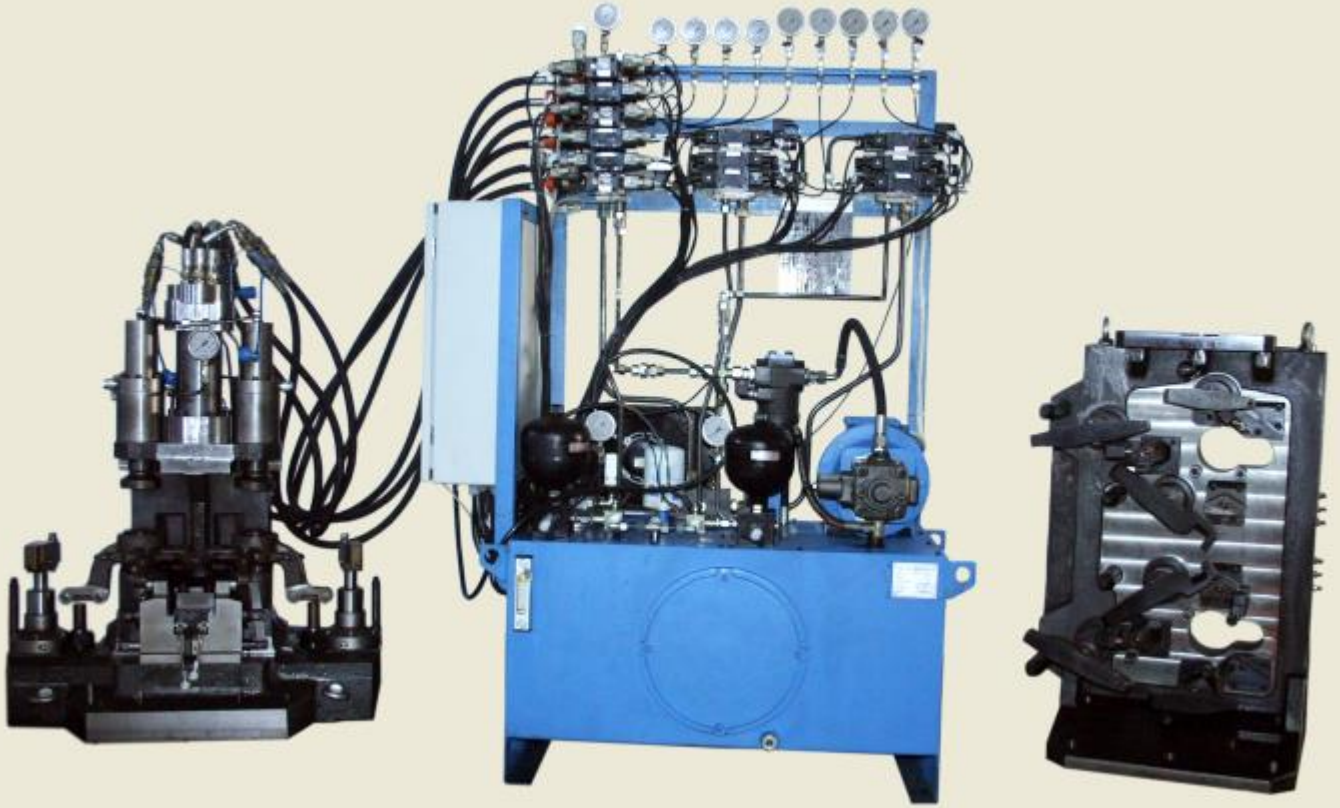






# OYAK RENAULT

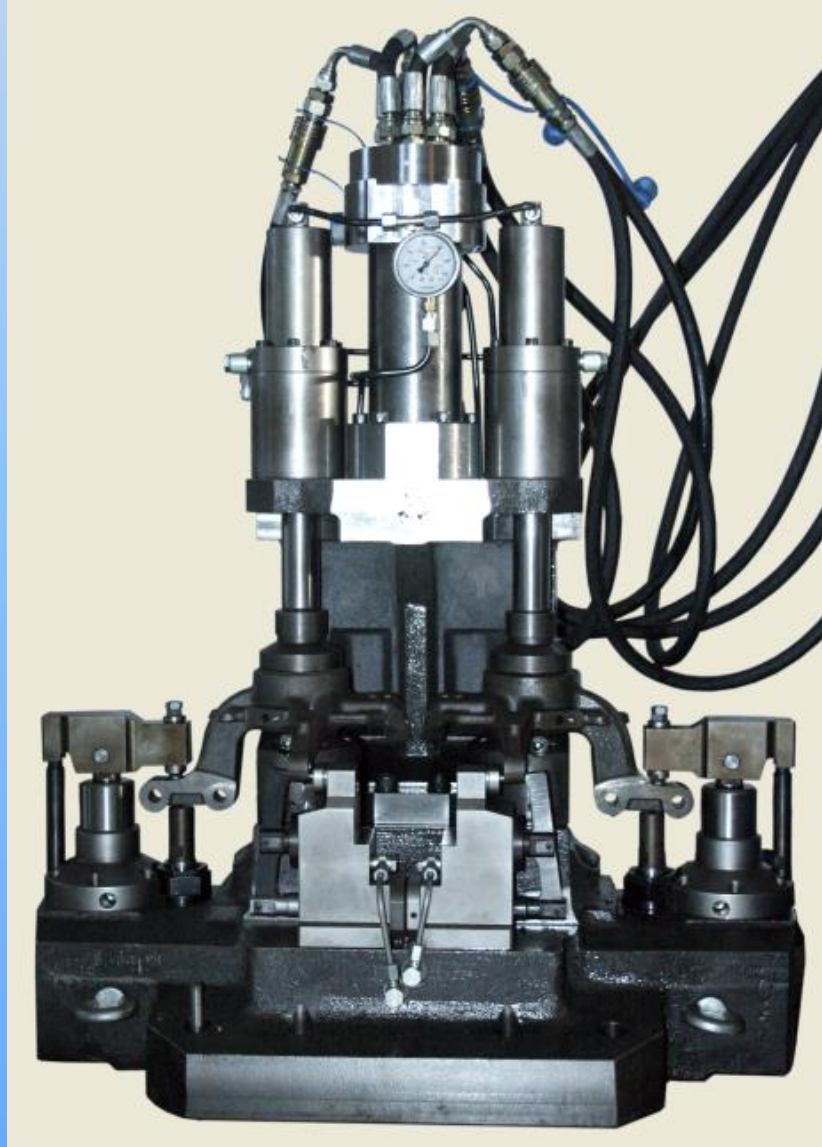
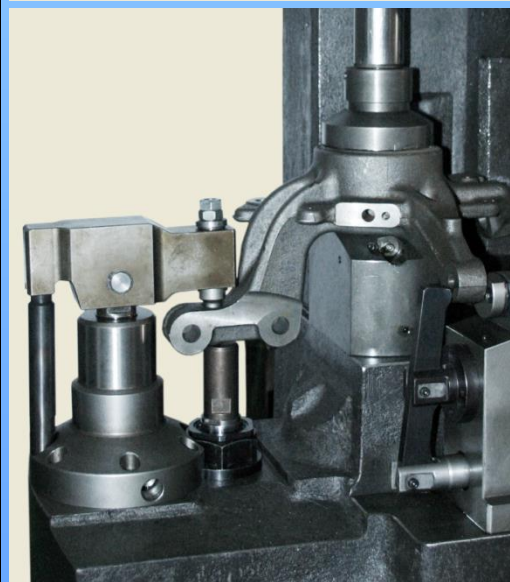
Renault fluence Ön Akson Fikstürleri





# OYAK RENAULT

Renault fluence Ön Akson Fikstürleri





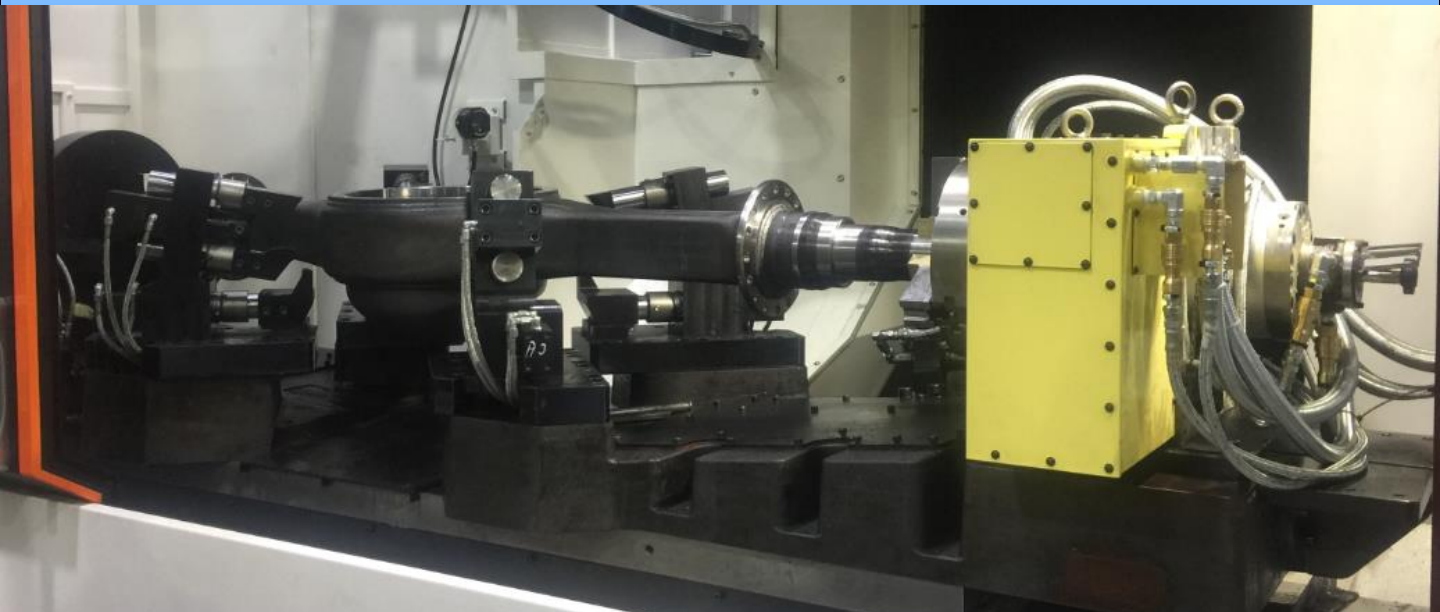


## FORD OTOSAN KOVAN PROJESİ HİDROLİK BAĞLAMA FİKSTÜRÜ





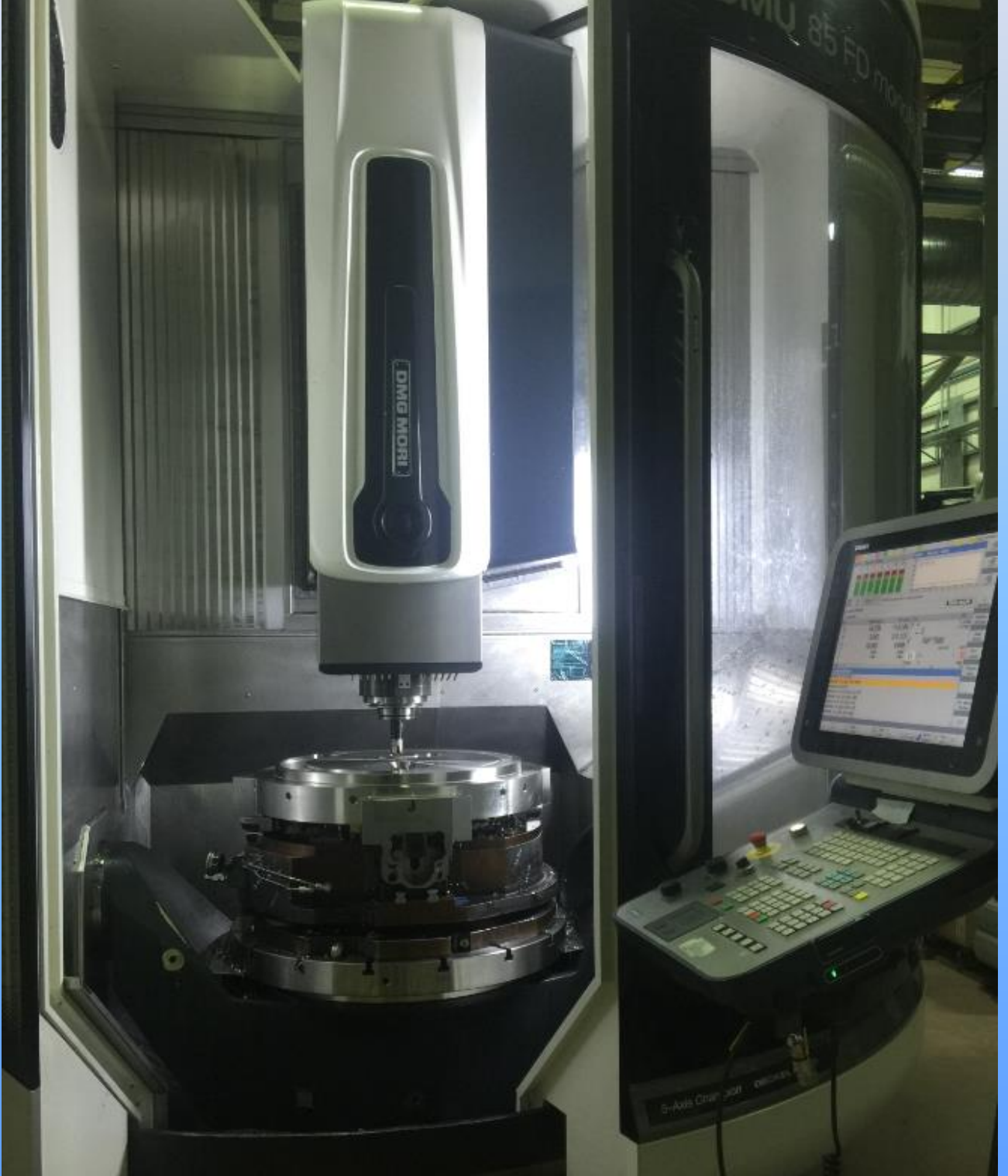
# EGE ENDÜSTRİ ARKA AKS FİKSTÜRÜ





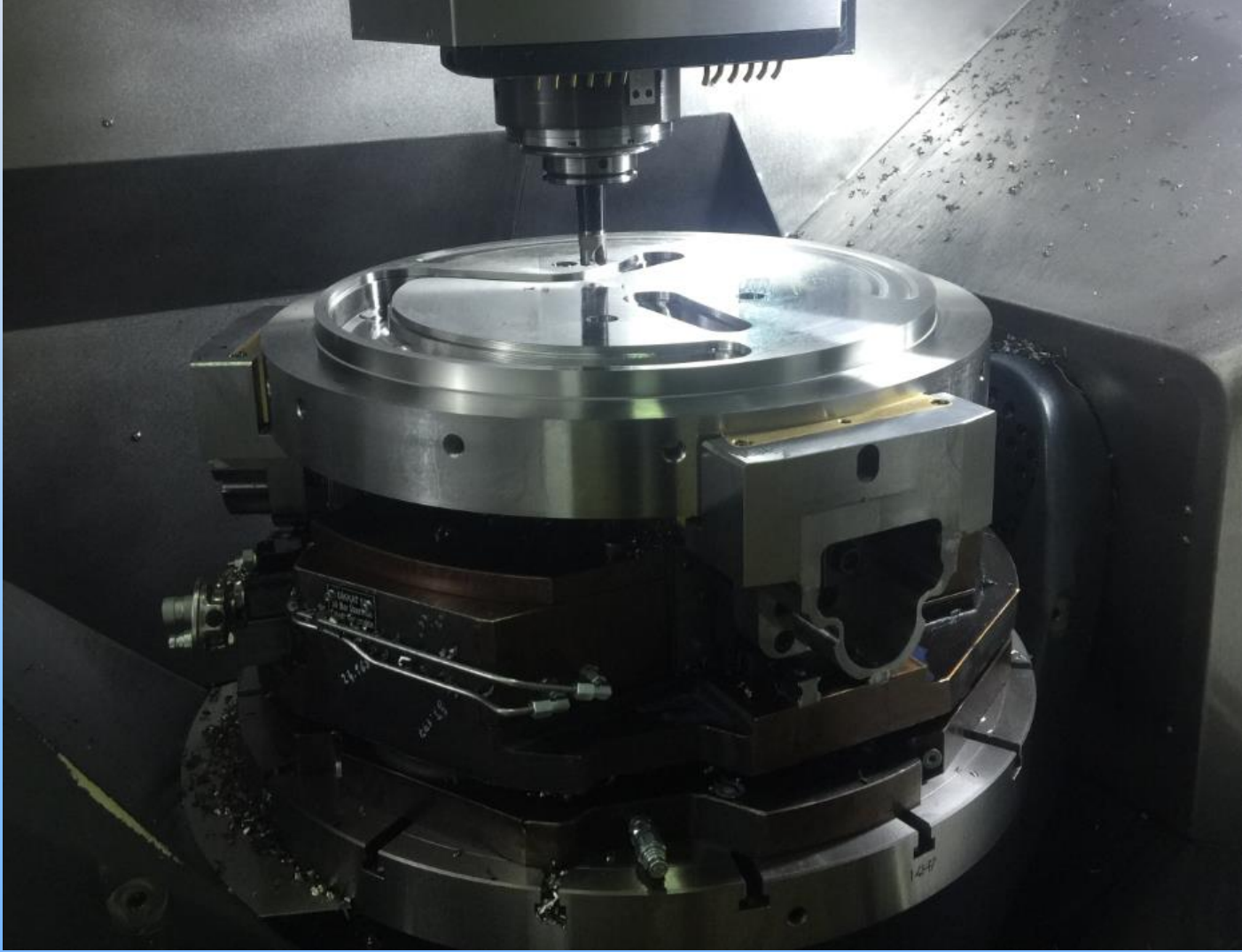


## ÇİMTAŞ\_ AYNA FİKSTÜRLERİ





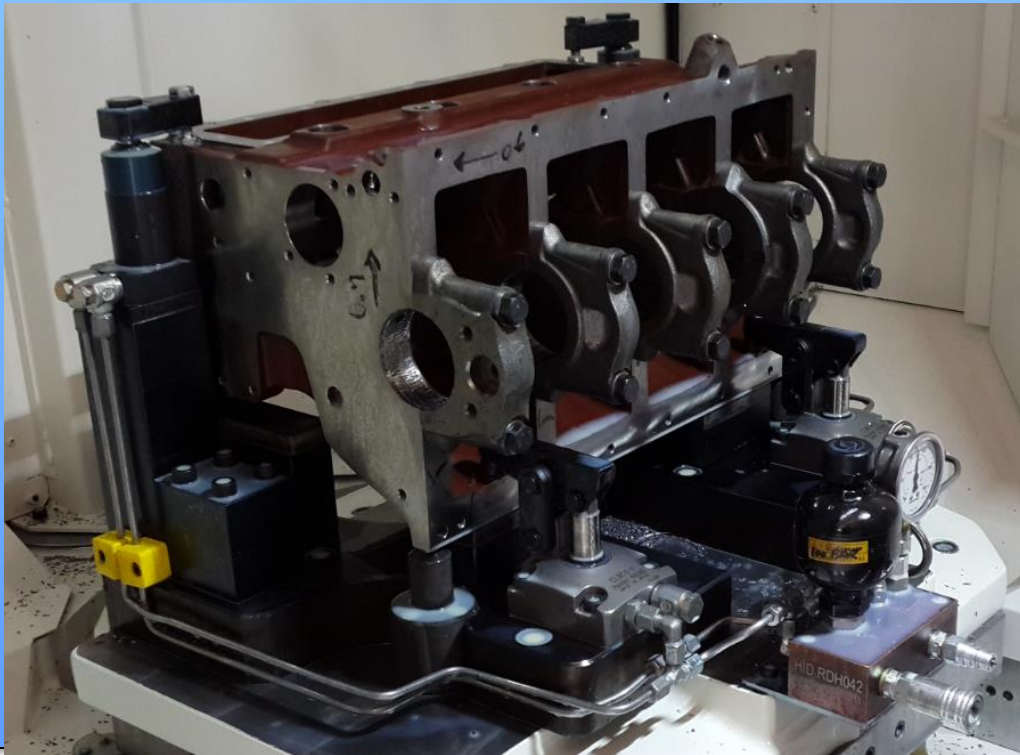
# ÇİMTAŞ Ayna FİKSTÜRLERİ







## BAŞAK TRAKTÖR MOTOR BLOĞU OP-50 FIKSTÜRÜ





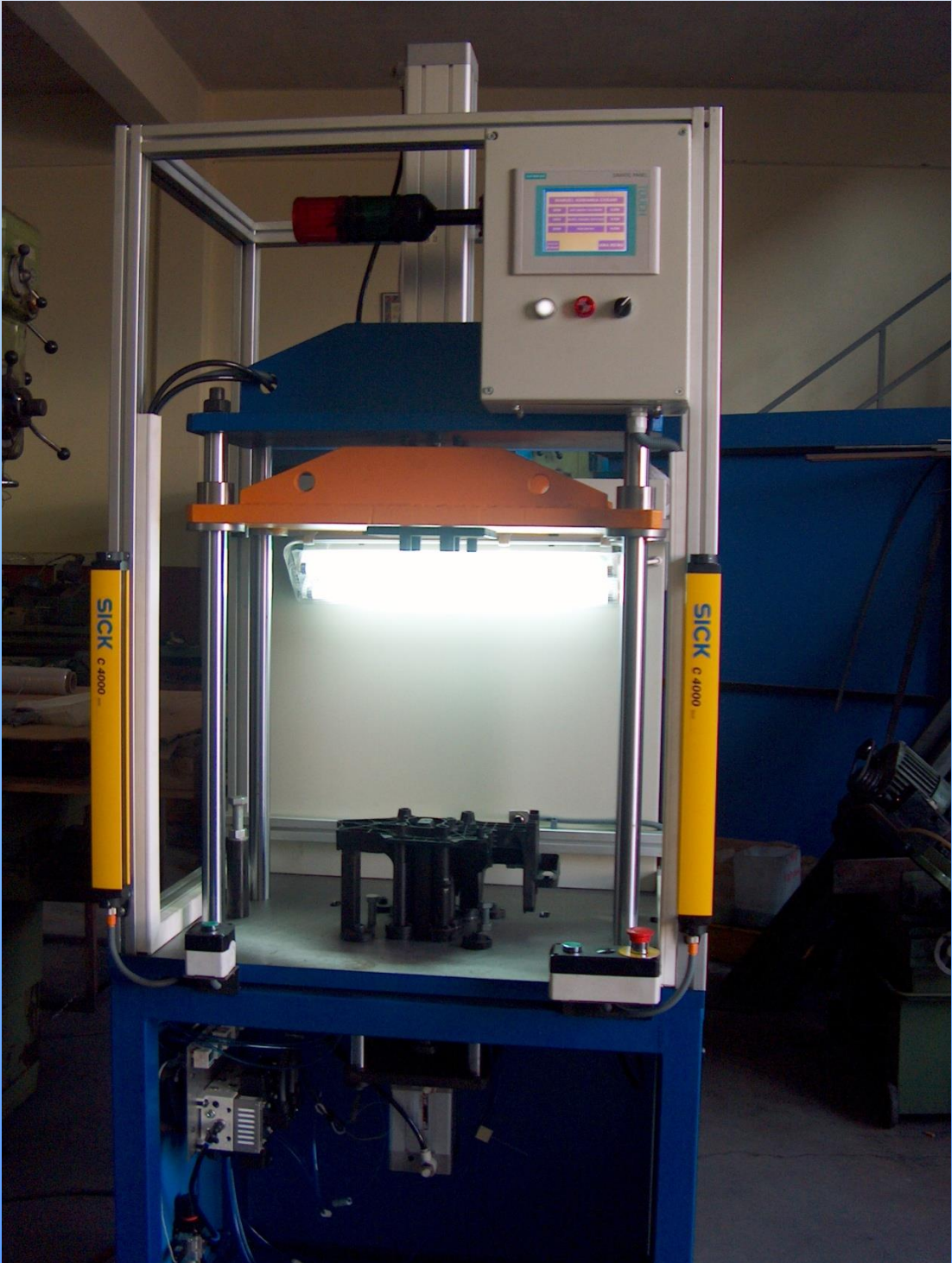
## BAŞAK TRAKTÖR MOTOR BLOĞU OP-10 FİKSTÜRÜ







## DEBRİYAJ PEDALI MONTAJ MAKİNASI





## MONTAJ MAKİNASI

\*Debriyaj Pompası ve Gaz pedalı torklu sıkma

\*Gaz pedalı voltaj kontrolü



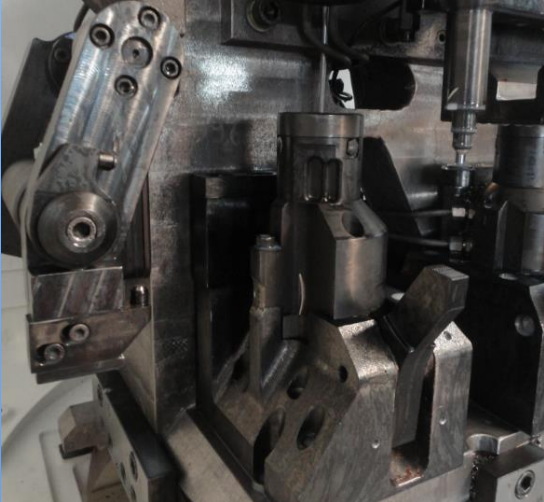
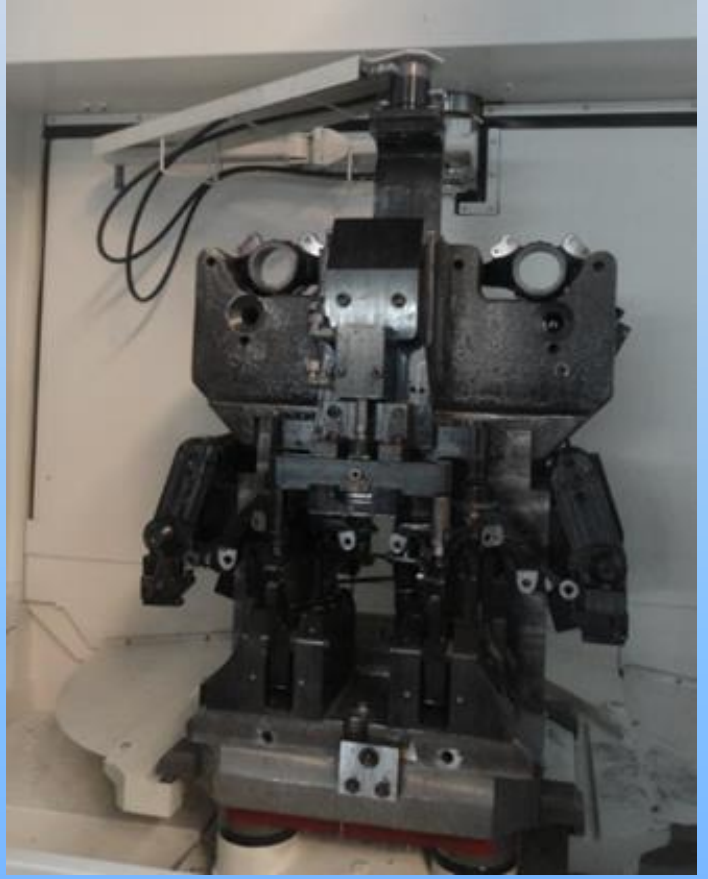
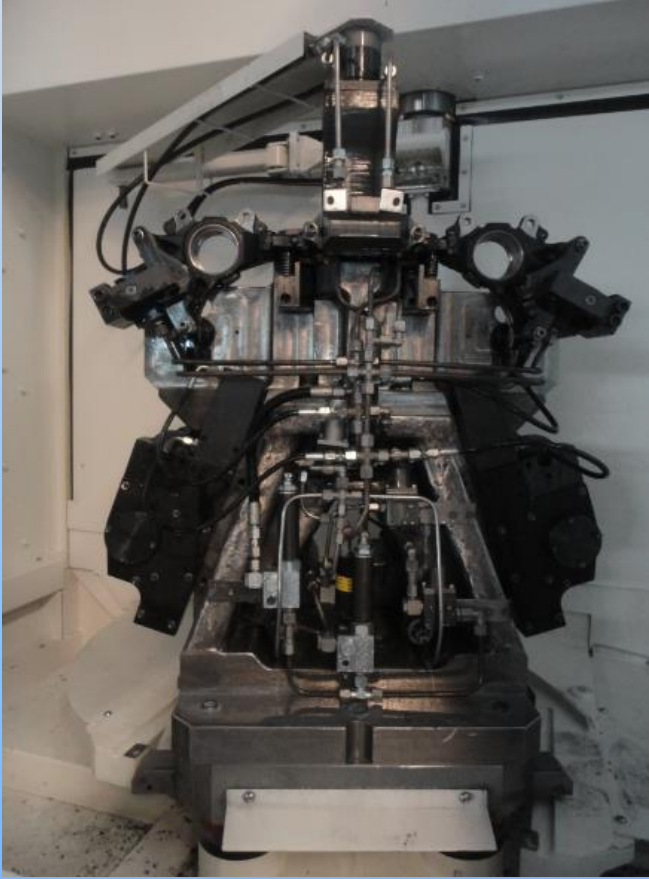




## FREN PEDALI MONTAJ ve YAĞLAMA MAKİNASI



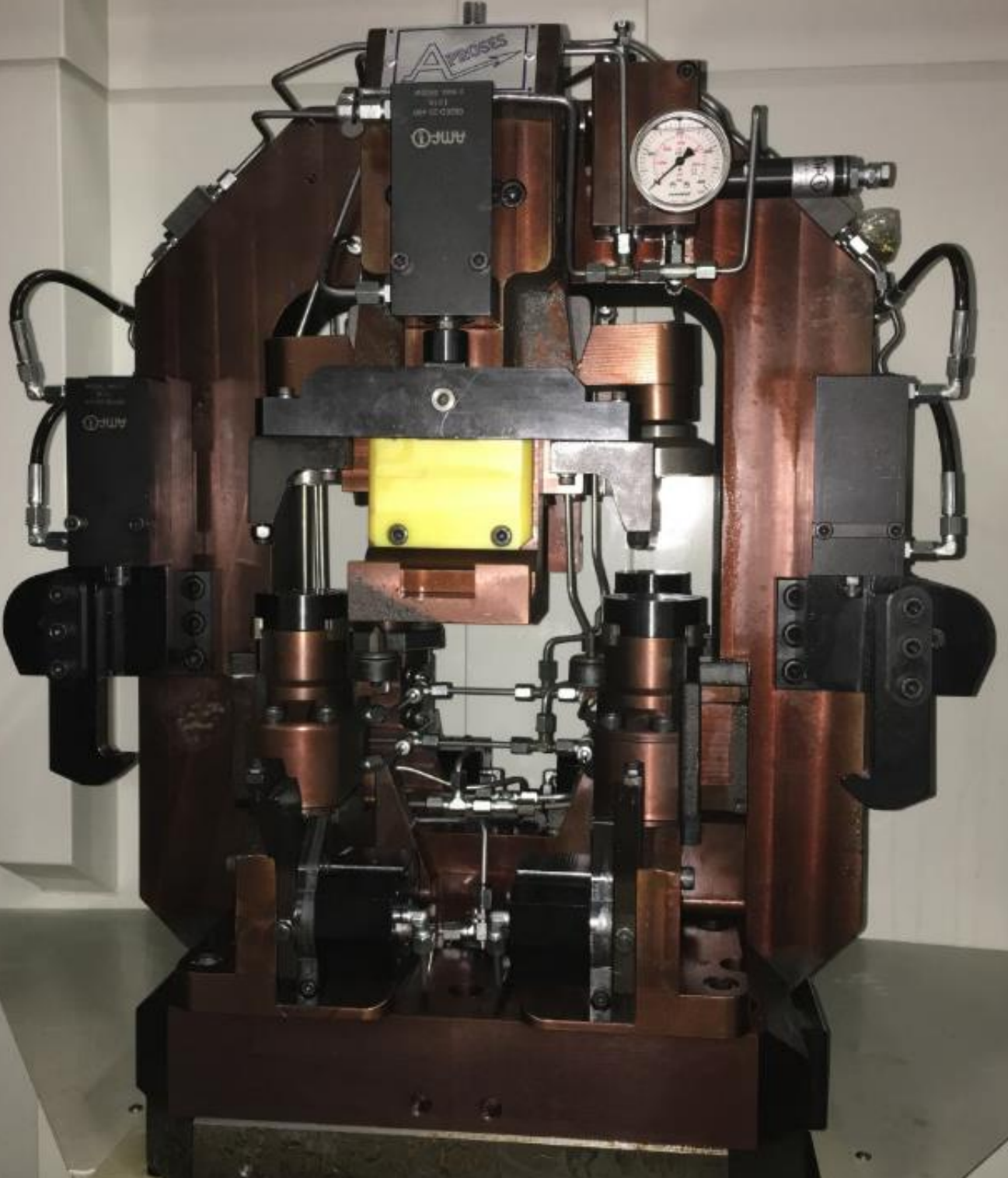
# TOFAŞ / EGE FREN → AKSON FİKSTÜRLERİ







# TRAKYA DÖKÜM AKSON FİKSTÜRLERİ





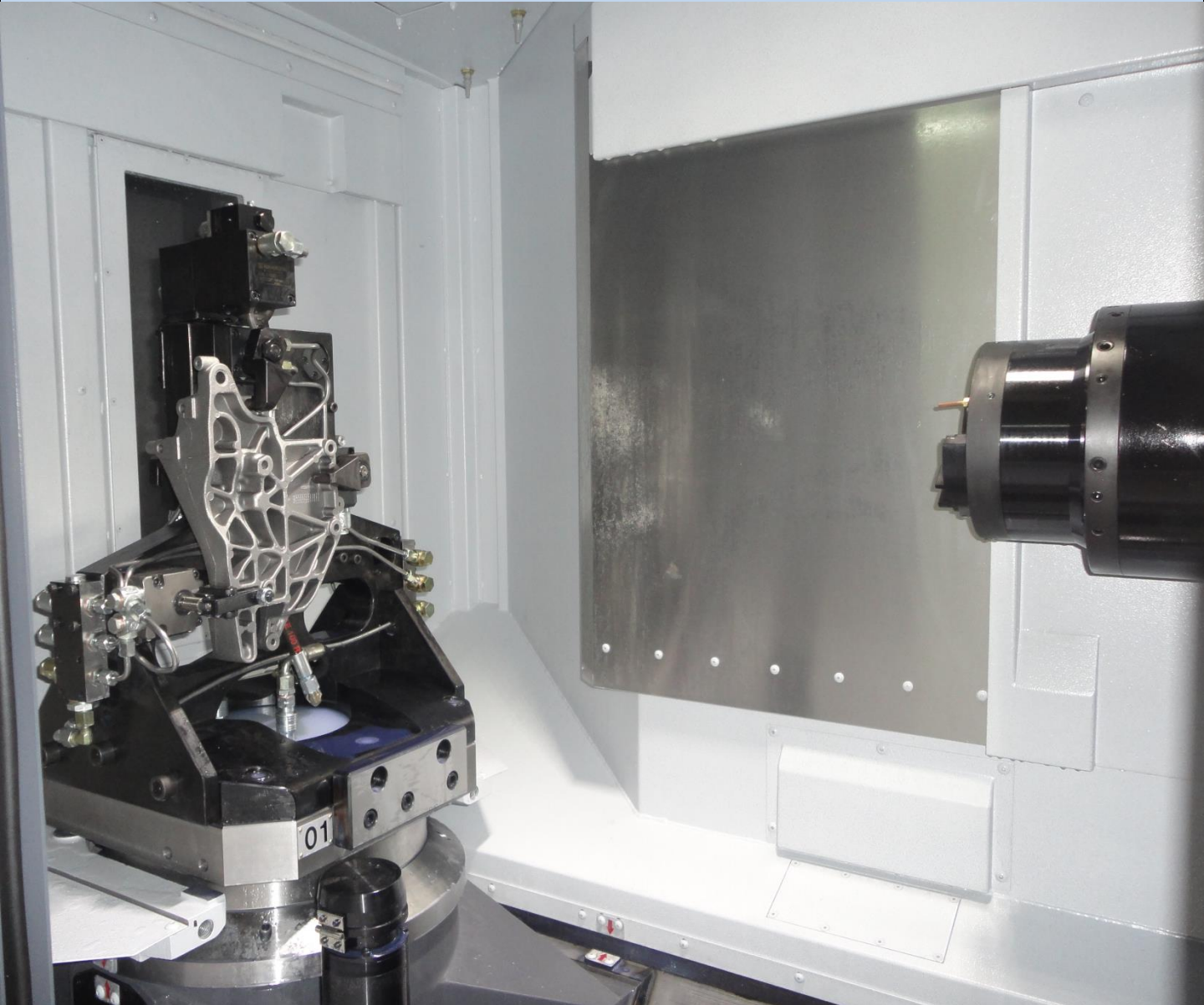
# TOFAŞ / EGE FREN → AKSON DİJİTAL KONTROL FİKSTÜRLERİ





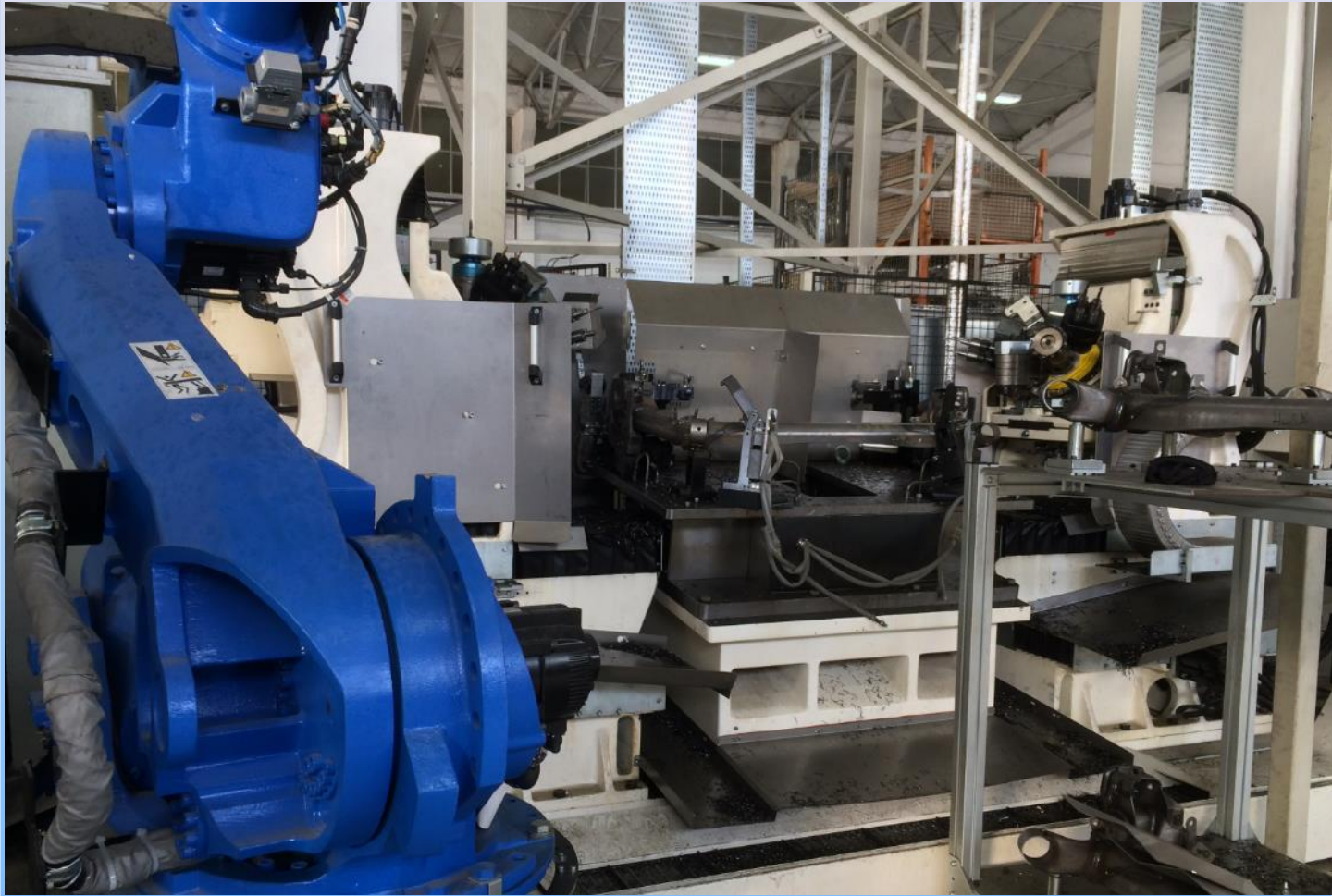


# TOFAŞ / AĞIRMAN MAKİNA





## FORD OTOSAN / TEKNODROM ROBOTİK







# FORD OTOSAN / TEKNODROM ROBOTİK





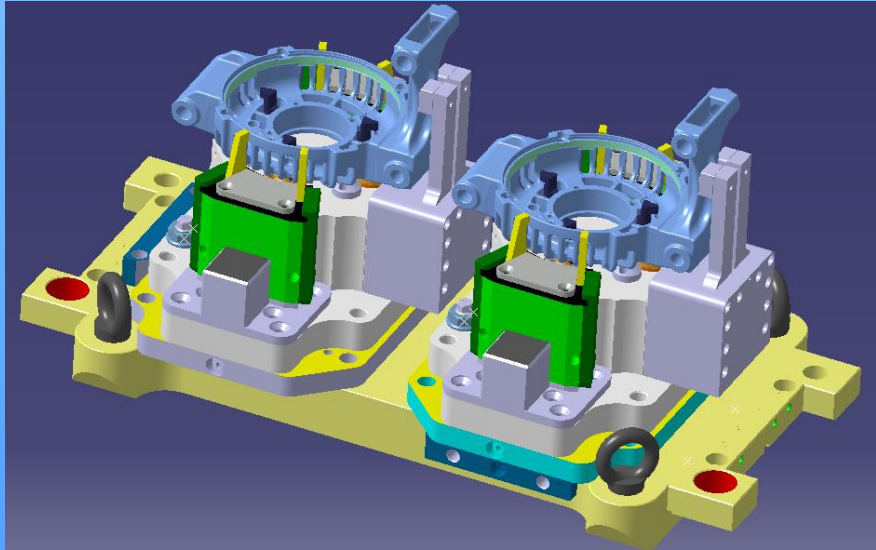
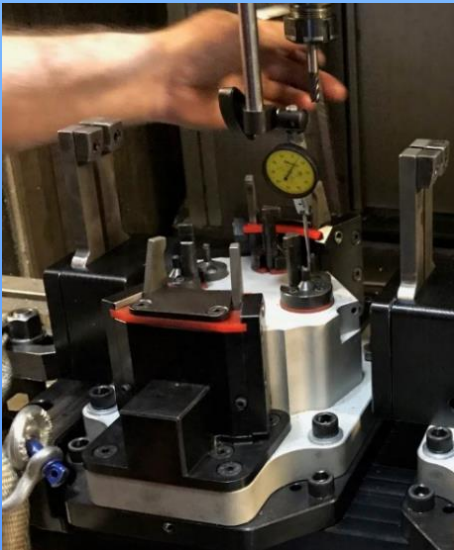
# TOFAŞ / TEKNODROM ROBOTİK





# ÇELİKEL

Chiron Çift İş Milli Tezgahlar İçin Alternatör Kapağı Bağlama Fikstürü





## MESA MAKİNA HİDROLİK MAĞLAMA FİKSTÜRÜ

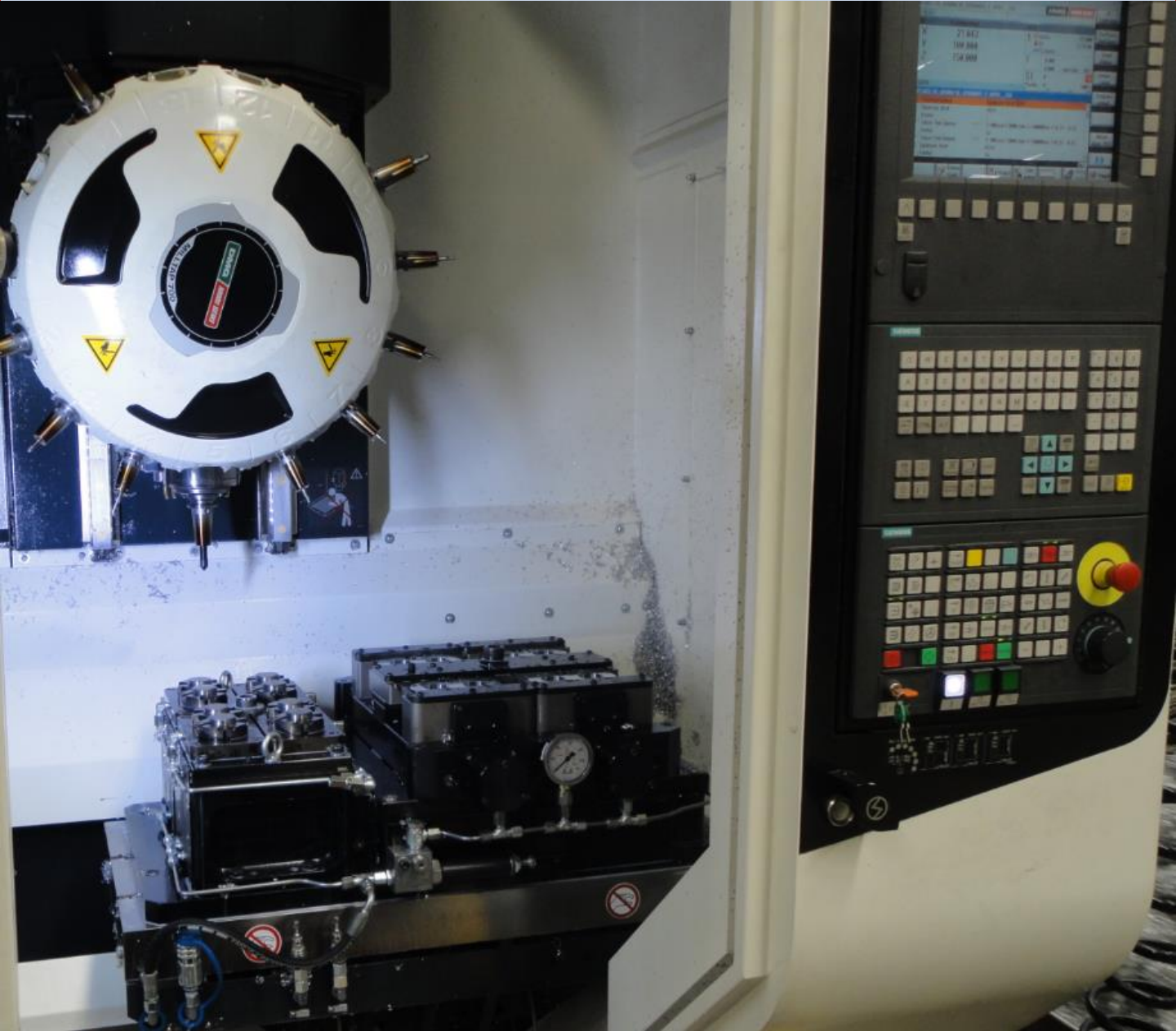






## HİDROMAS

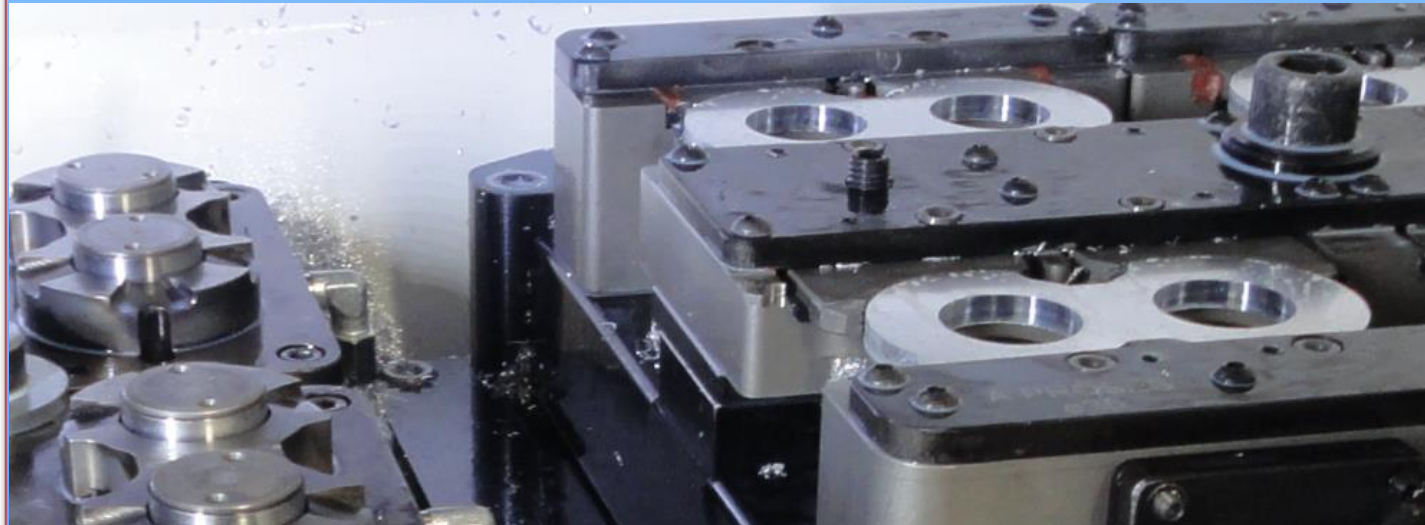
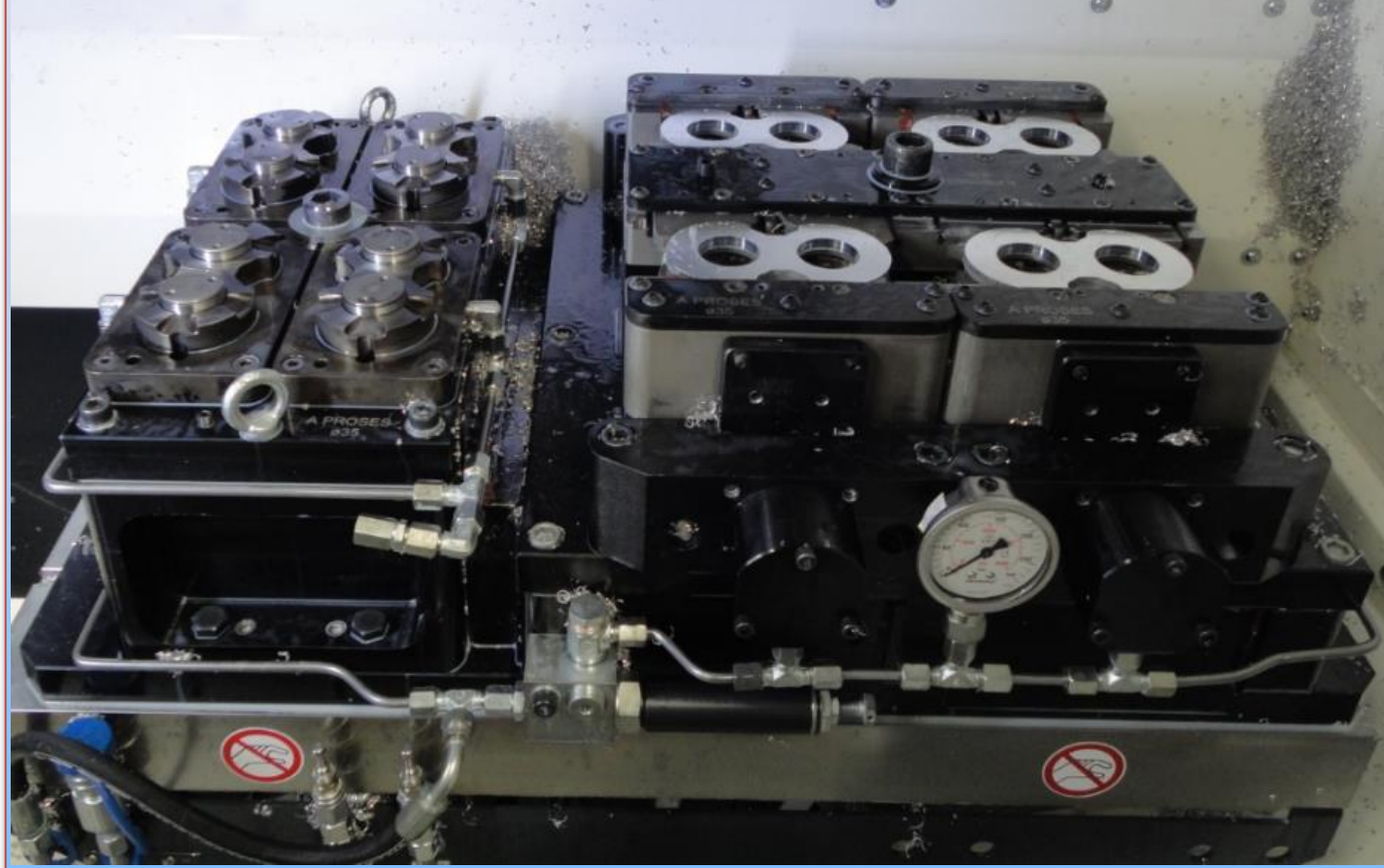
# ALÜMİNYUM AŞINMA PLAKASI BAĞLAMA FİKSTÜRÜ





## HİDROMAS

### ALÜMİNYUM AŞINMA PLAKASI BAĞLAMA FİKSTÜRÜ

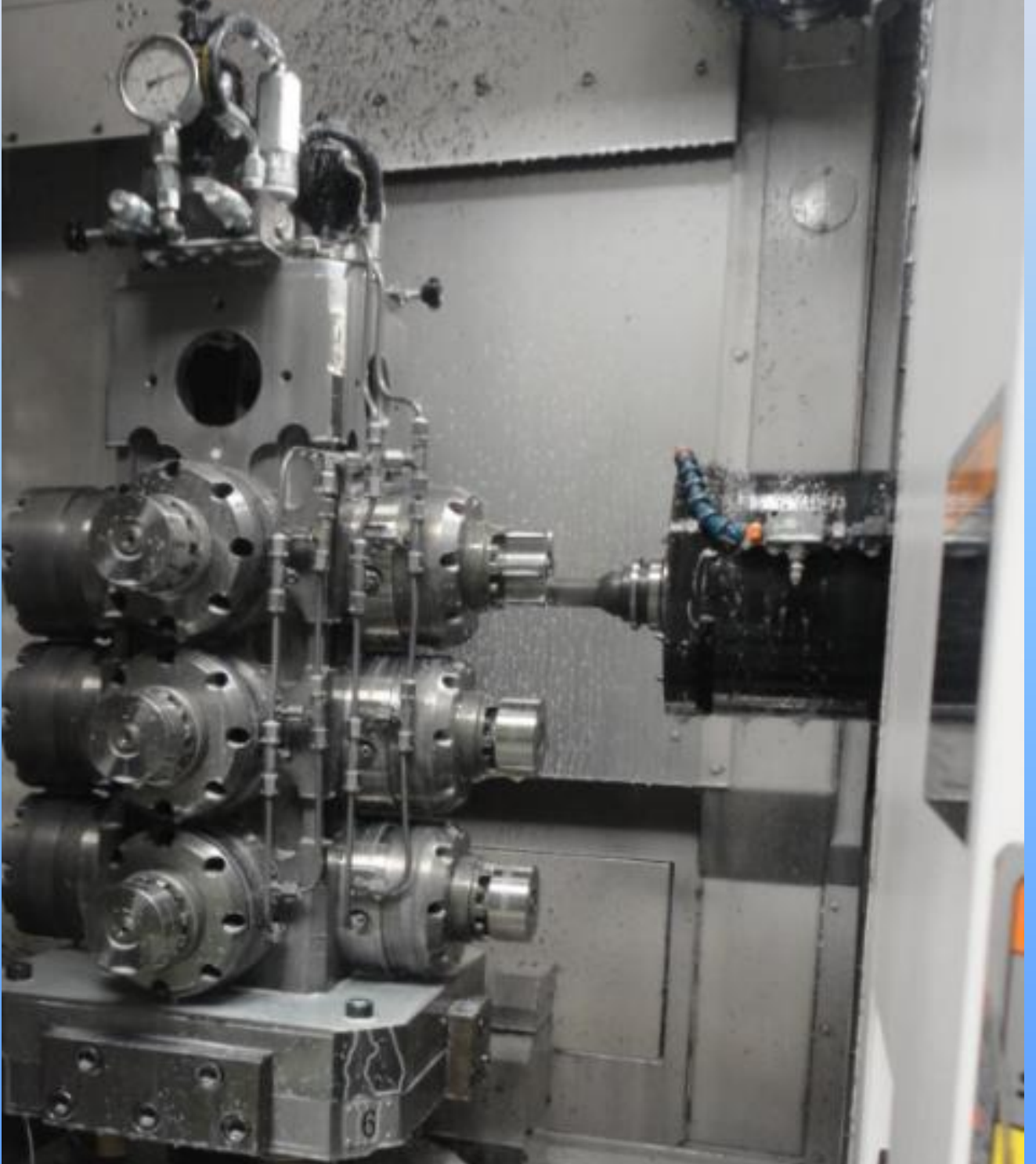




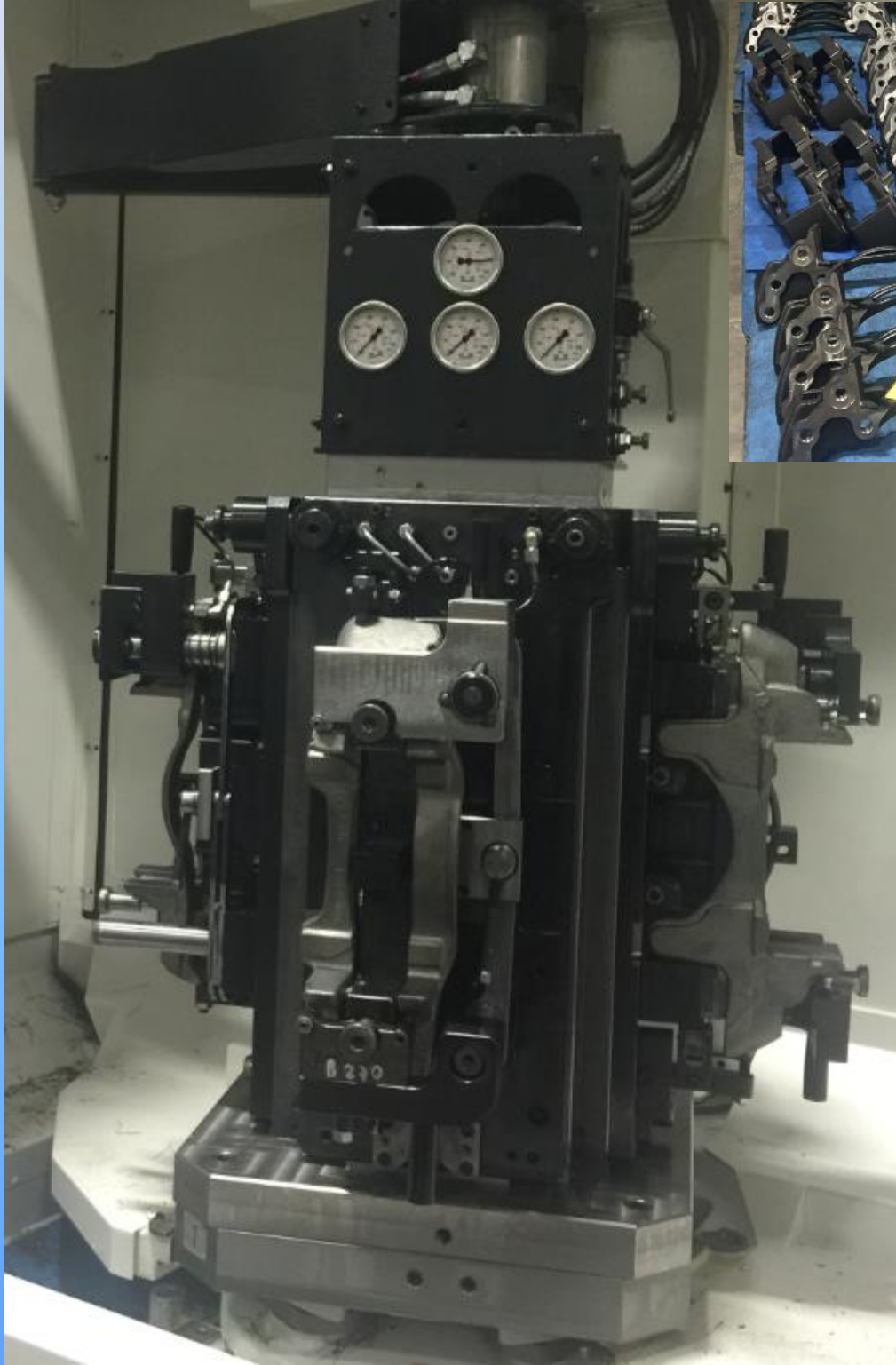


**MEPSAN**

**ÖZEL HİDROLİK AYNA İLE HASSAS SIKMA**



# DEMİSAŞ WOBCO CALİPER FİKSTÜRÜ





## DEMİSAŞ HİDROLİK TEZGAH HAZIRLIĞI VE BESLEME ÜNİTESİ





# ARPEK VOITH KAPAK FIKSTÜRÜ

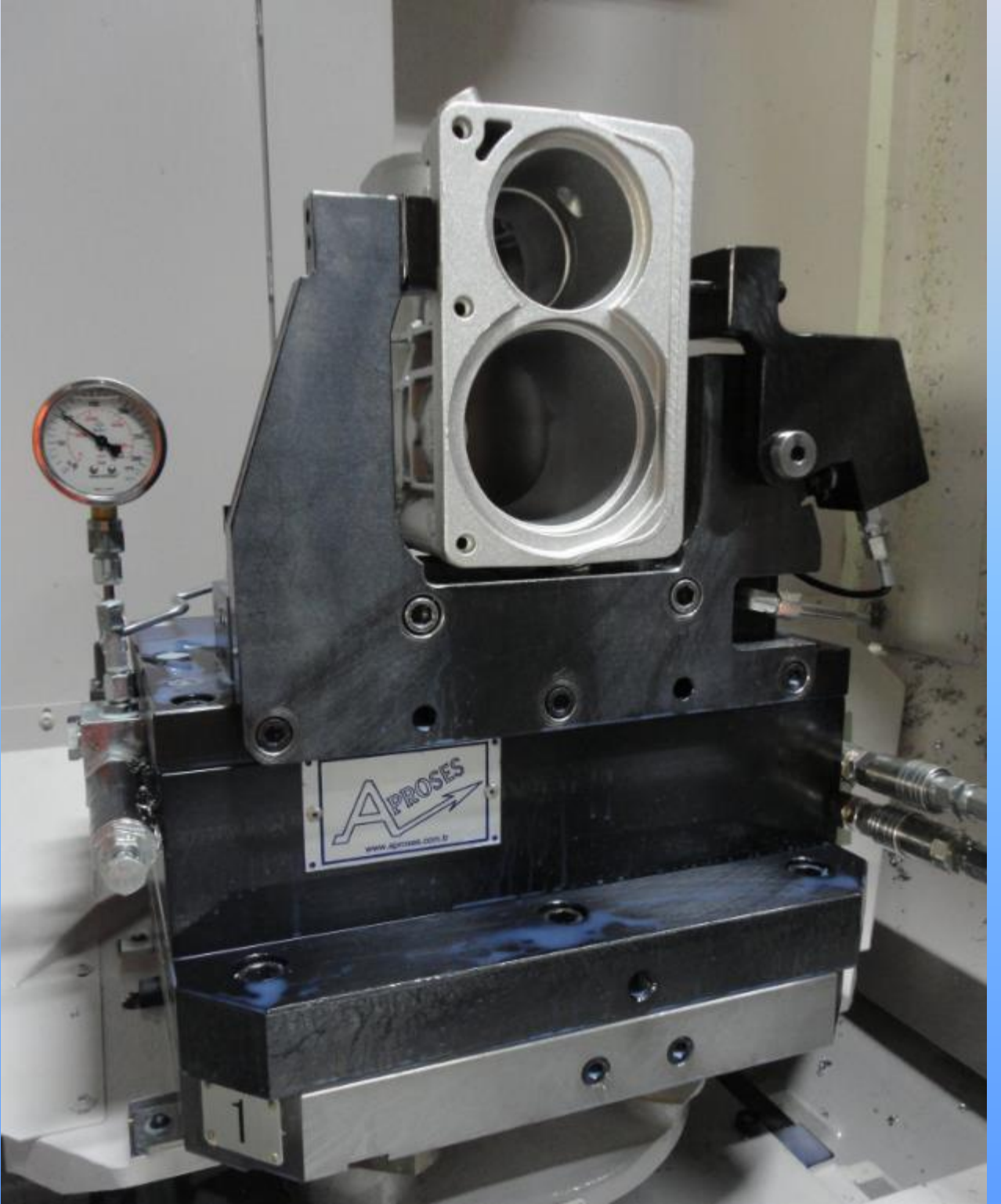








# ARPEK VOITH “KURBELGEHAUSE” OPERASYON-10 FİKSTÜRÜ







# OYAK RENAULT



FREN DİSKİ HATTI ;  
BİJON DELİKLERİ DELME  
OPERASYONU HİDROLİK  
BAĞLAMA FİKSTÜRLERİ



- ROBOT İLE YÜKLEME-BOŞALTMA VAR.
- HAVA KONTROLÜ VAR.
- REFERANS TANIMA SİSTEMİ VAR.
- PARÇA TİPİ , VARLIĞI VE REFERANSA OTURDU BİLGİSİ MAKİNA İLE HABERLEŞİYOR.

# BOSCH / ARPEK VE MESAY

ALUMİNYUM KAPAK  
İŞLEME HATTI;

- 2 OPERASYON VAR.
- HER ÇEVİRİMDE 1 ADET BİTMİŞ PARÇA ALINIR.



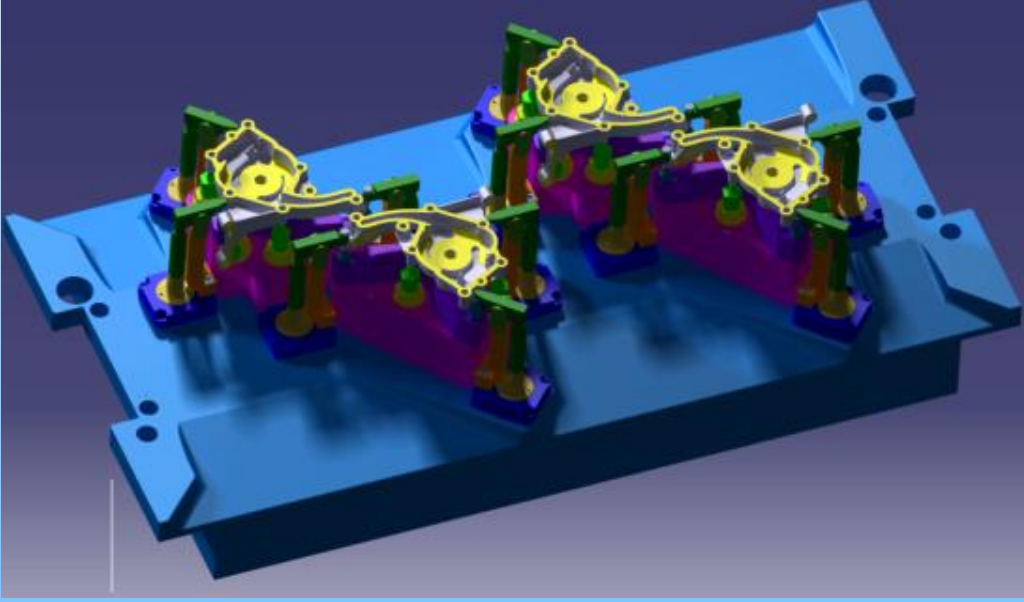
- FANUC ROBODRIL TEZGAHINDA ÇALIŞIYORLAR.





# GATES POWERTRAIN

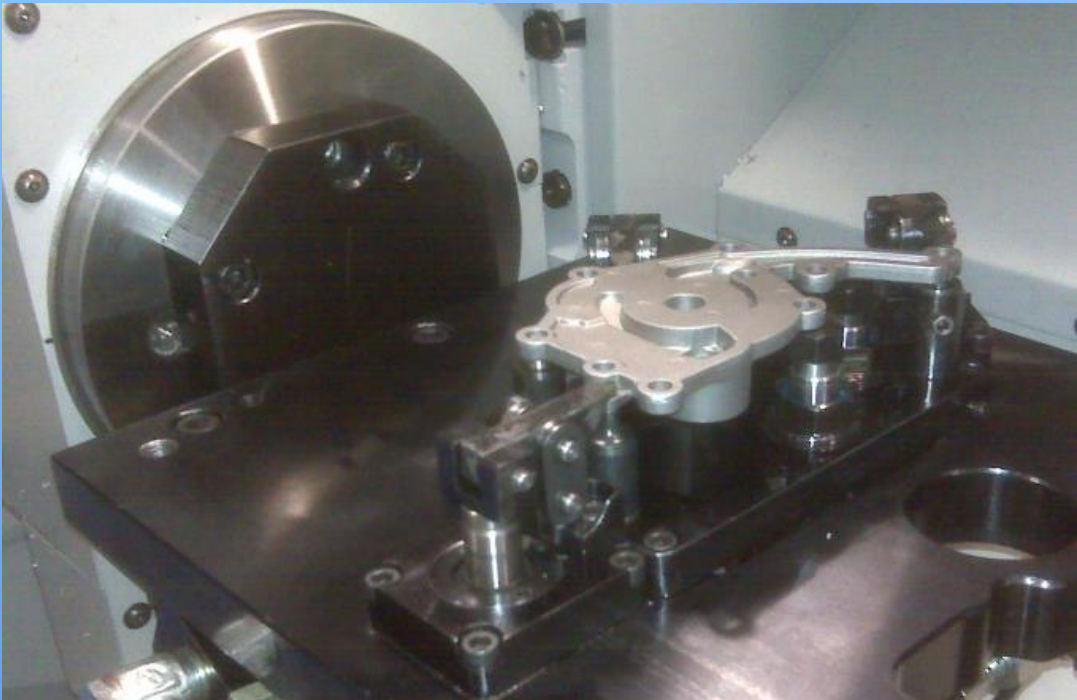
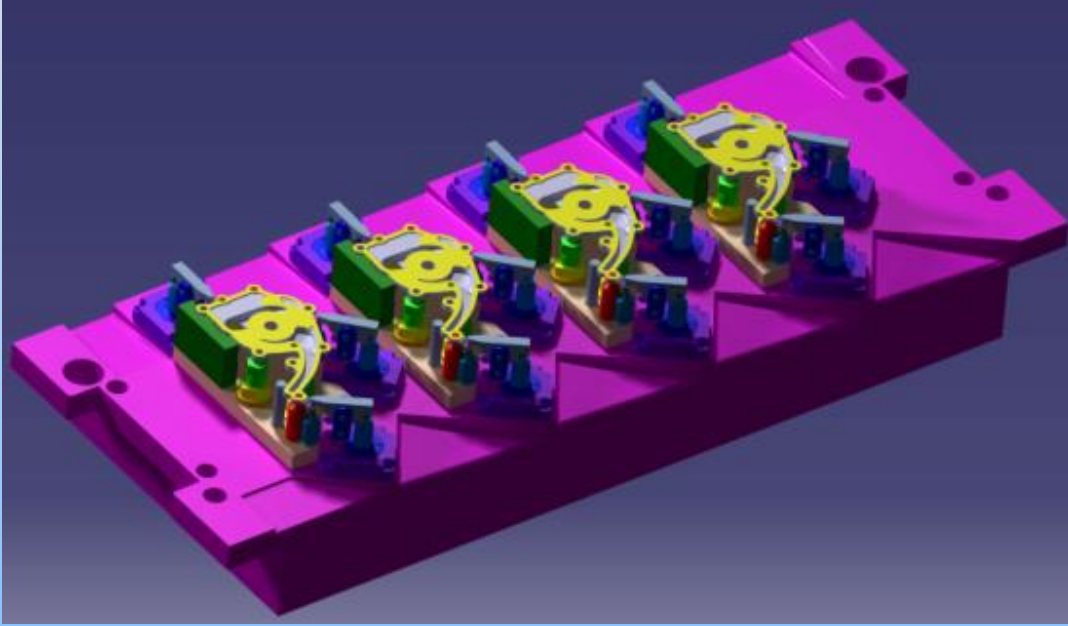
**Chiron Çift İş Milli Tezgahlar İçin Yağ Pompa Kapağı Bağlama Fikstürü**





# GATES POWERTRAIN

Chiron Çift İş Milli Tezgahlar İçin Yağ Pompa Kapağı Bağlama Fikstürü







# ARPEK

## MERİTOR PARÇASI ÇAKMA PRESİ VE OTOMASYONU





## TOFAŞ / SİV OTOMOTİV PEDAL MONTAJ HATLARI







# ÇİMTAŞ BORULAMA A.Ş. İÇİN TÜRBİN BİRLEŞTİRME VE KAYNAK OTOMASYONU MAKİNASI





# ÇİMTAŞ BORULAMA A.Ş. İÇİN FLANŞ BİRLEŞTİRME VE KAYNAK OTOMASYONU MAKİNASI







## KRANK MİLİ TİPLERİNİ MOTOR MONTAJ HATTINA BESLEYEN KONVEYÖR SİSTEMLERİ







## YAPTIĞIMIZ KONTROL APARATLARINDAN ÖRNEKLER







## YAPTIĞIMIZ KONTROL APARATLARINDAN ÖRNEKLER





## YAPTIĞIMIZ KONTROL APARATLARINDAN ÖRNEKLER







## İLETİŞİM BİLGİLERİ



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