MHB 10 TAŞINABİLİR HİDROLİK PRES
PORTABLE HYDRAULIC BENDER



TEKNİK ÖZELLİKLER VE STANDART DONANIM

- Kolay taşınabilir tasarım
- Manuel ayarlanabilir kurs mesafesi
- Isıl işlemli kalıplar
- Powerpack hidrolik ünite

TECHNICAL SPECIFICATIONS AND STANDARD ACCESSORIES

- Easy portable design
- Manuel adjustable stroke distance
- Inductioned hardened tools
- Powerpack hydraulic unit

MODEL		MHB 10
Maks. basınç (200 bar) Max. pressure at 200 bars	ton	10
Yağ tankı kapasitesi Oil tank capacity	lt	4
Maksimum strok Maximum stroke	mm	150
Takım yüksekliği Height of tool	mm	100
Motor gücü Motor power	kW/V	1,1/220
Ağırlık Weight	kg	130
Uzunluk Length	mm	1250
Genişlik Width	mm	280
Yükseklik Height	mm	310

HP HİDROLİK YATAY PRESLER
HYDRAULIC HORIZONTAL PRESSES



A Ergonomik Takım Bağlantı Tablası
Ergonomic Tool Assembly Table

B Kolay Kalıp Değiştirme
Easy Tool Change

C Hidrolik Hız ve Basınç Ayarı
Hydraulic Speed and Pressure Adjustment

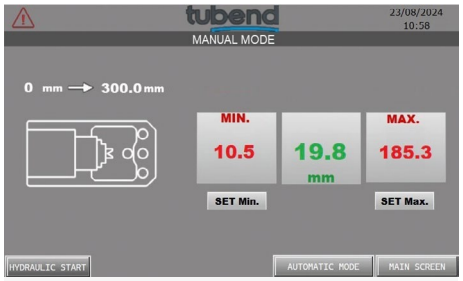
D Kolay Ayarlanabilir Dayama
Easily Adjustable Back Gauge

E Sertleştirilmiş Destek Pimleri
Induction Hardened Support Pins

F NC Kontrol
NC Control

MODEL		HP 10	HP 20	HP 40	HP 60	HP 80	HP 100
Maks. basınç (200 bar) Max. Pressure at 200 bars	ton	10	20	40	50	80	100
Düz materyal bükme kapasitesi Flat material bending capacity	mm	150x6	200x10	250x16	300x16	300x20	300x24
Maksimum strok Maximum stroke	mm	200	200	300	300	300	300
Takım yüksekliği Height of toolings	mm	150	200	250	300	300	300
Çalışma hızı Working speed	mm/s	10	10	10	10	10	10
Dönüş hızı Return speed	mm/s	10	10	10	10	10	10
Motor gücü Motor power	kW	1,1	2,2	4	5,5	7,5	11
Ağırlık Weight	kg	400	640	1000	1700	2100	2450
Uzunluk Length	mm	900	1200	1300	1300	1600	1600
Genişlik Width	mm	450	550	600	600	850	850
Yükseklik Height	mm	1160	1230	1300	1400	1600	1700

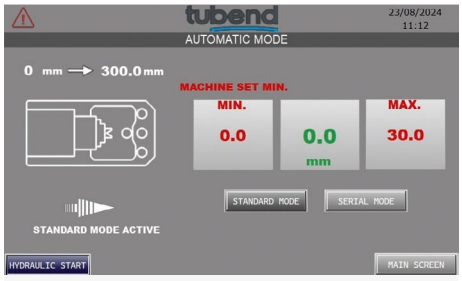
HİDROLİK PRES SERİSİ KONTROL PANELİ
HYDRAULIC PRESS SERIES CONTROL PANEL



MANUEL MOD
MANUAL MODE

Operatör kontrolünde operasyon gerçekleştirip gerekli konumları belirleyebilir, töleranslar dahilinde düzenlemeler yapabilirsiniz.

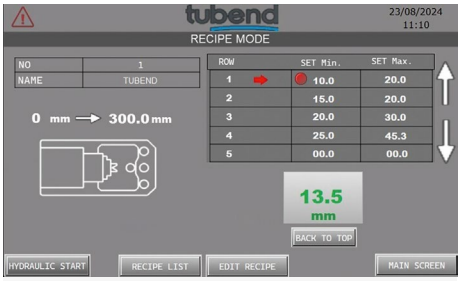
Operations can be performed under the operator's control, determine the required positions, and make adjustments within tolerances.



OTOMATİK MOD
AUTOMATIC MODE

2 farklı seri mod ile adetli ürünlerinizi daha hızlı üretip, operatör kaynaklı hataları minimuma indirebilirsiniz.

With 2 different serial modes, you can produce your products faster and minimize operator-related errors.



REÇETE MODU
RECIPE MODE

Üzerinde birden fazla işlem olan parçalar için farklı konumlar belirleyip reçete oluşturabilirsiniz.

You can create a recipe by specifying different locations for parts with more than one process.



HP

OTOMATİK YAN DAYAMALI HİDROLİK YATAY PRES
HYDRAULIC HORIZONTAL PRESS WITH AUTOMATIC BACK GAUGE



Yatay presin otomatik yan dayama özelliği, manuel yöntemlere kıyasla, önemli ölçüde daha yüksek ölçü hassasiyeti, hız ve tekrarlanabilirlikle seri parça üretimine olanak tanır.

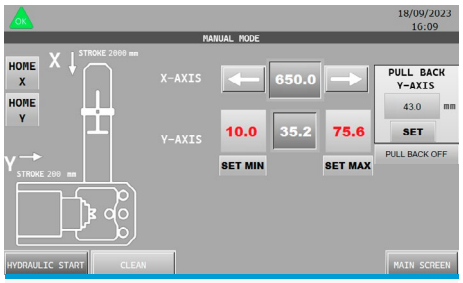
Geri çekilme özelliği, büküm esnasında dayamaya çarpan operasyonların sorunsuz bir şekilde gerçekleşmesini sağlar.

Servo motor ve NC kontrol ünitesi sayesinde hassas ölçü töleransı sunar. Opsiyonel olarak 1, 2 ve 3 metre şeklinde üretilir.

The automatic side gauge feature of the horizontal press allows mass production of parts with significantly higher dimensional accuracy, speed and repeatability compared to manual methods.

The pull-back feature ensures that operations that hit the backgaue during bending are carried out uneventfully.

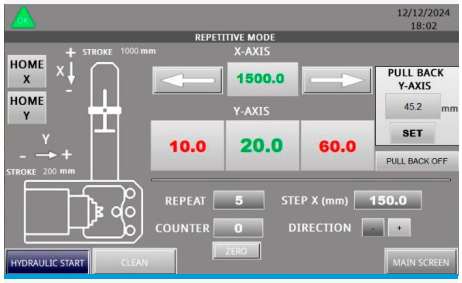
This option offers precise measurement tolerance by using the servo motor and NC control unit. It might be optionally produced as 1, 2 and 3 meters lenght.



MANUEL MOD
MANUAL MODE

Operatörün minimum ve maksimum strok değerlerini ayarlayarak ve dayama konumunu belirleyerek makineyi manuel olarak kontrol etmesini sağlar. Pedala basılı tutulduğu sürece takım belirlenen limitler arasında çalışır ve kurulum ile tekli operasyonlar için hassas kontrol sunar.

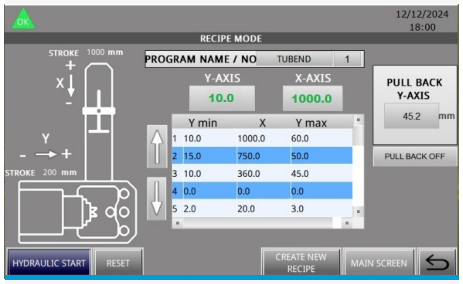
Allows the operator to manually control the machine by setting the minimum and maximum stroke positions and adjusting the backgauge location. The tool operates between defined limits while the pedal is pressed, providing precise control for setup and single operations.



TEKRARLI MOD
REPETITIVE MODE

Manuel modda belirlenen adım mesafesi, yön ve tekrar sayısına göre büküm işleminin otomatik olarak tekrarlanmasını sağlar. Pedala her basıldığında makine belirlenen döngüyü gerçekleştirir ve süreci otomatik olarak sürdürerek hızlı ve tekrarlanabilir üretim sunar.

Enables automatic repetition of the bending process based on predefined step distance, direction, and number of cycles set in Manual Mode. With each pedal press, the machine performs the sequence and continues the cycle automatically, ensuring fast and consistent production.



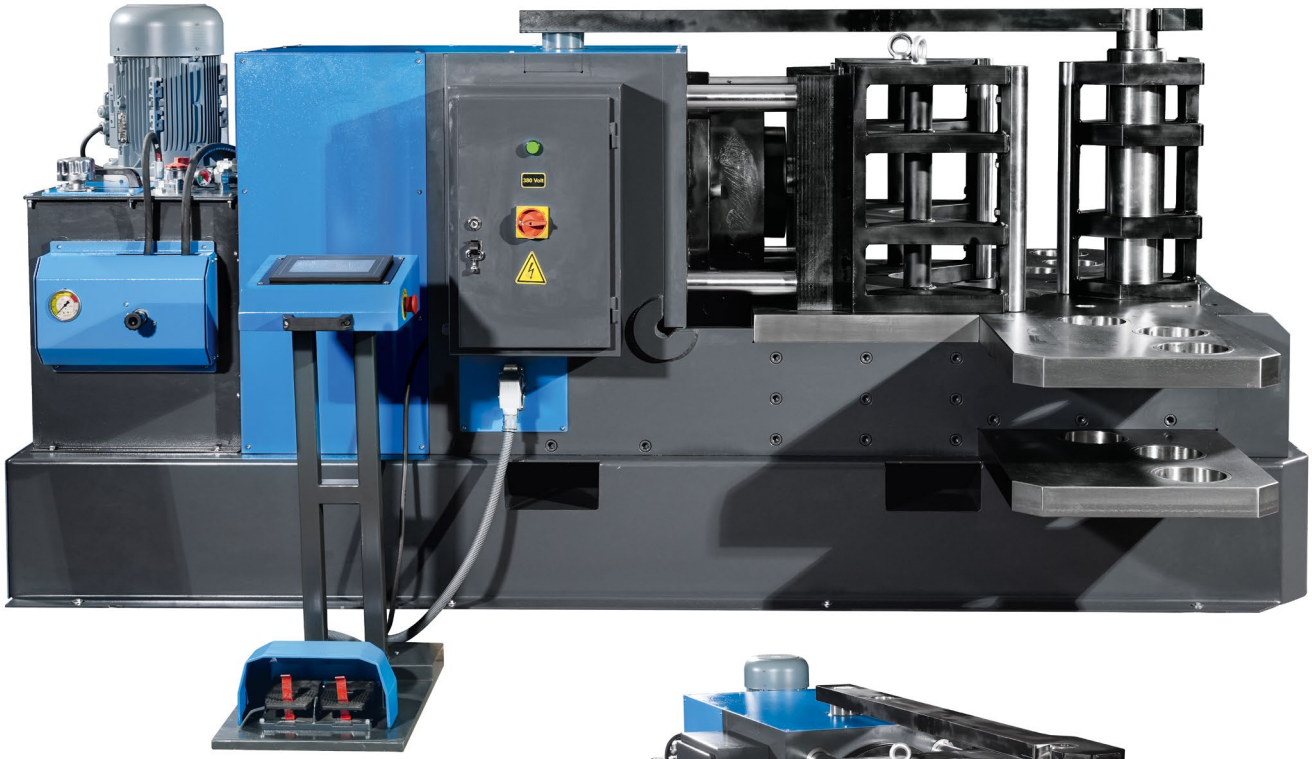
REÇETE MODU
RECIPE MODE

Operatörün tek bir reçete içinde farklı konumlar ve işlem adımları tanımlayarak çok aşamalı büküm programları oluşturmasını sağlar. Makine, tanımlanan adımları sırasıyla otomatik olarak takip eder ve tüm döngüyü yüksek hassasiyet ve tekrarlanabilirlik ile tamamlar. Reçeteler kolayca düzenlenebilir, kaydedilebilir ve tekrar kullanılabilir, bu da bu modu çok işlemli parçalar için ideal hale getirir.

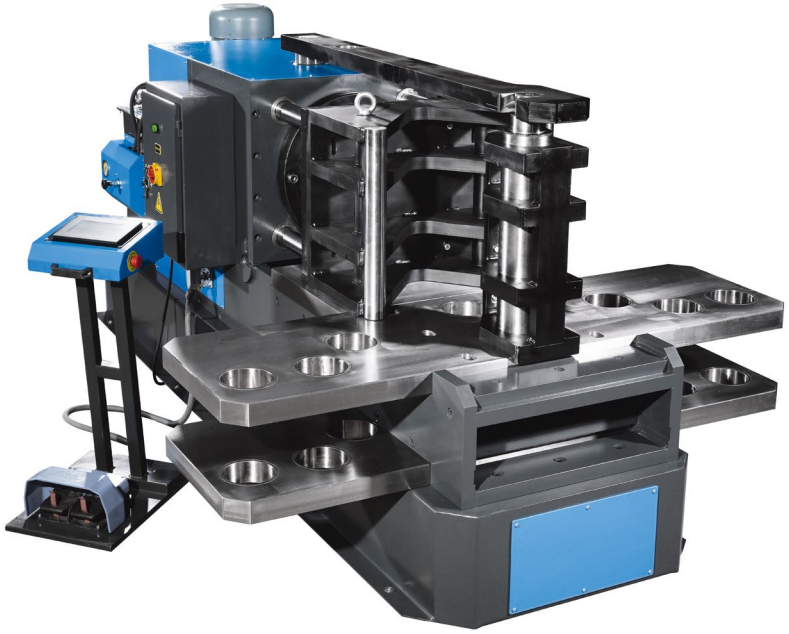
Allows the operator to create and store multi-step bending programs by defining different positions and sequences within a single recipe. The machine automatically follows each step in order, moving between positions and completing the full cycle with high precision and repeatability. Recipes can be easily edited, saved, and reused, making this mode ideal for complex parts with multiple operations.

HP 120 / 150

HİDROLİK YATAY PRESLER
HYDRAULIC HORIZONTAL PRESSES







TEKNİK ÖZELLİKLER VE STANDART DONANIM

- Hidrolik hız ve basınç ayarı.
- NC kontrol ünitesi.
- Sağlam çelik gövde.
- Sertleştirilmiş destek direkleri.
- Doğrultma işlemleri ve farklı aparatların yerleştirilmesi için birden fazla, ısıl işlem uygulanmış destek delikleri.
- Farklı aparat ve kalıpların sabitlenebilmesi için T-kanallı bağlama tablası."
- Esnemeyi önleyen üst destek atkısı.
- Büyük ve uzun parçaların işlenmesi için ergonomik, yüksek yapılı tasarım.

ÖZEL DONANIM

- Yapılacak işe uygun kalıp tasarımı ve imalatı.
- Özel istek, revizyon ve kalıplarınız için firmamız ile iletişime geçiniz.

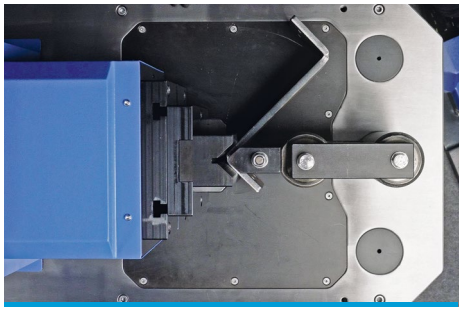
TECHNICAL SPECIFICATIONS AND STANDARD ACCESSORIES

- Hydraulic speed and pressure adjustment.
- NC control unit.
- Robust steel body construction.
- Hardened support columns.
- Multiple heat-treated support holes for straightening operations and mounting various tools and attachments.
- T-slot clamping table for securing different tools and dies.
- Upper support brace to prevent flexing.
- Ergonomic, high-profile design suitable for processing large and long workpieces.

OPTIONAL EQUIPMENTS

- Custom die design and manufacturing tailored to the specific job.
- For special requests, revisions, and custom die requirements, please contact our company.

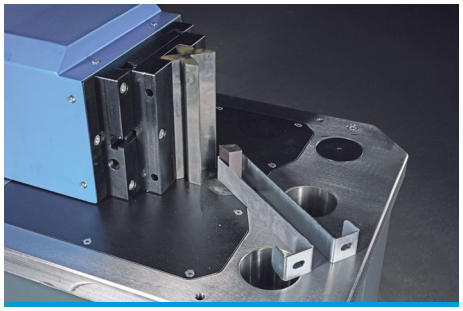
MODEL		HP 120	HP 150
Max Basınç (230 bar) Maximum Pressure	ton	120	150
Düz meteryal bükme kapasitesi Flat material bending capacity	mm	30x500	40x500
Max. Piston Strok Max. Piston Stroke	mm	500	500
Takım Yüksekliği Tool Height	mm	500	500
Direk Çapı Support Diameter	mm	130	150
Çalışma Hızı Working Speed	mm/s	10	10
Dönüş Hızı Return Speed	mm/s	10	10
Motor Gücü / Voltaj Motor Power / Voltage	kW / V	5,5 / 380	7,5 / 380
Ağırlık Weight	kg	3600	4300
Ölçüler Dimensions	mm	2760x1750x1275	2960x1750x1475



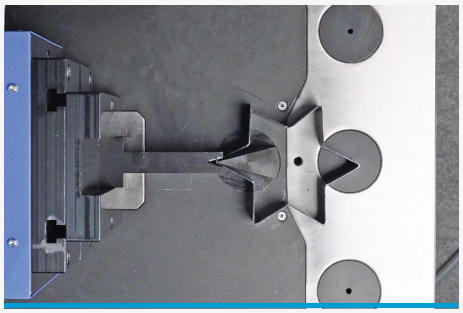
BÜKÜM KALIBI – V KALIP
RADIUS PUNCH – V DIE



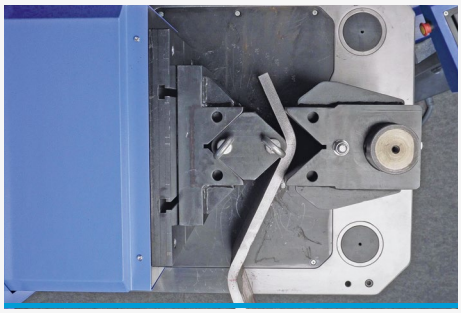
ABKANT TUTUCU KALIBI
PRESS BRAKE TOOL + MULTI-V DIE



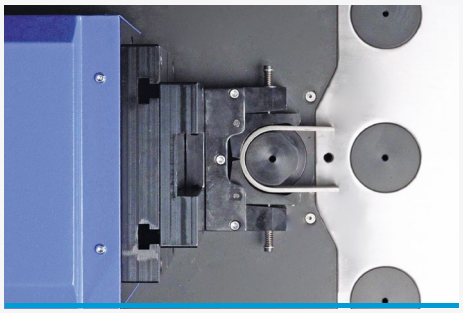
BÜKÜM KALIBI - V KALIP
BOLT PUNCH + MULTI-V DIE



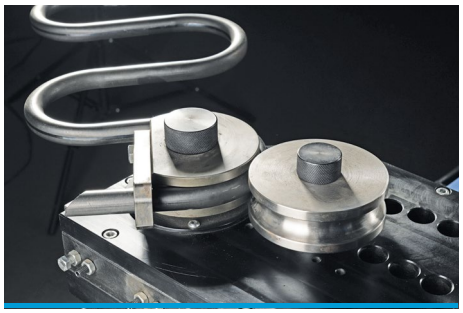
DAR V BÜKÜM KALIBI
NARROW V DIE



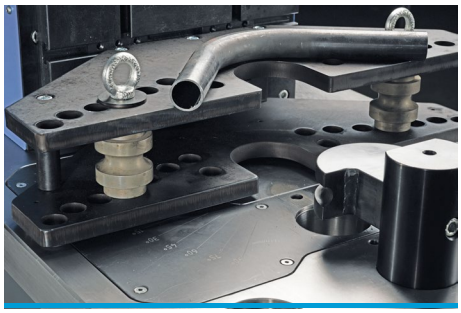
ÇİFT YÖNLÜ V BÜKÜM KALIBI
TWO-SIDED V BENDING TOOL



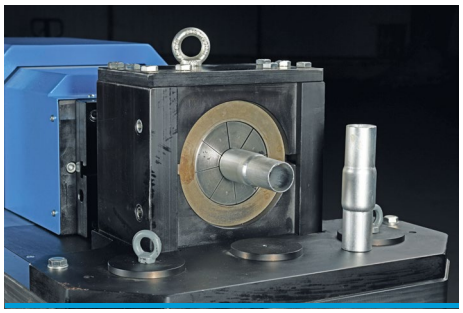
YAYLI U BÜKÜM KALIBI
U SHAPE BENDING TOOL



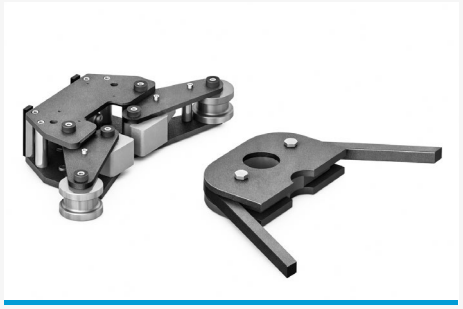
MALAFASIZ BORU BÜKÜM APARATI
NON MANDREL PIPE BENDING TOOL



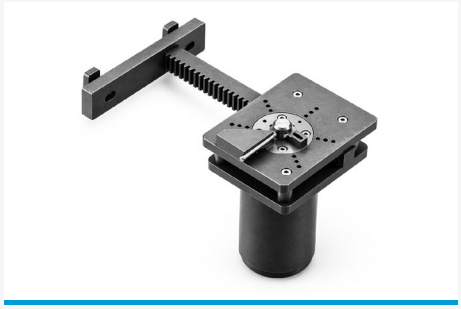
DOLU MİL VE KALIN BORU BÜKÜM APARATI
FLAT BAR AND THICK WALL PIPE BENDING TOOL



BORU UCU DARALTMA VE GENİŞLETME KALIBI
PIPE END REDUCTION AND EXPANSION TOOL



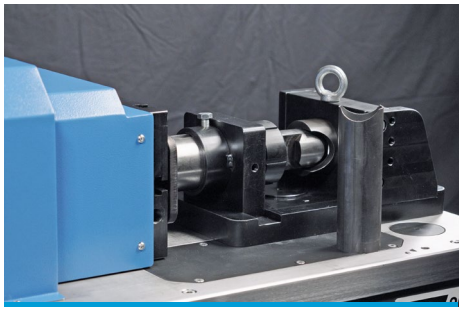
PROFİL BÜKÜM KALIBI
PROFILE BENDING TOOL



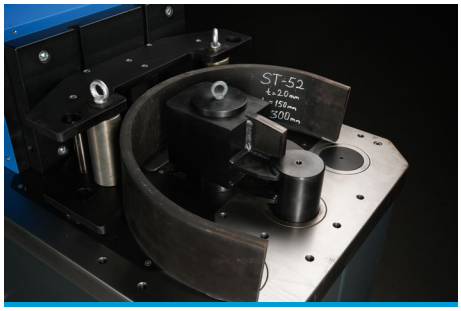
MİL BÜKÜM KALIBI
BAR BENDING TOOL



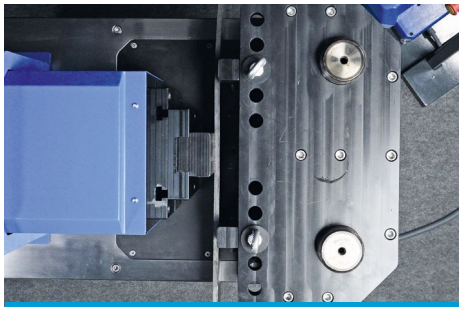
BORU KELEPÇE APARATI
CLAMPING TOOL



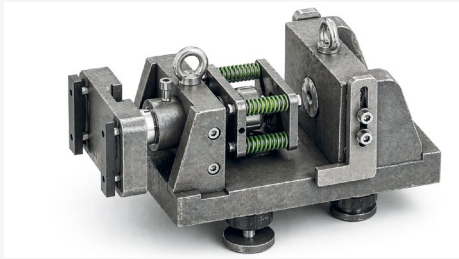
BORU KURTAĞZI AÇMA KALIBI
PIPE NOTCHING TOOL



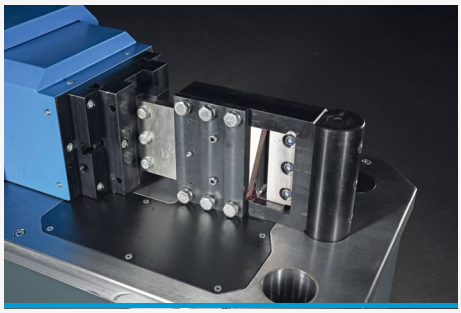
GENİŞ RADUS BÜKÜM APARATI
WIDE RADIUS BENDING TOOL



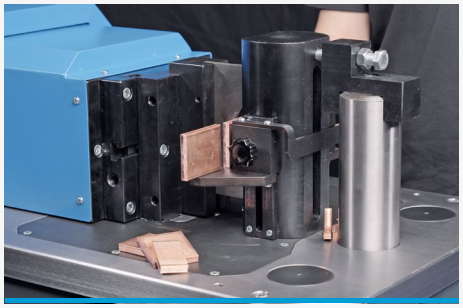
DOĞRULTMA APARATI
STRAIGHTENING TOOL



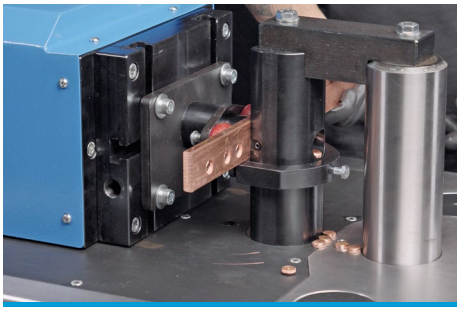
DELİK DELME APARATI
PUNCHING TOOL



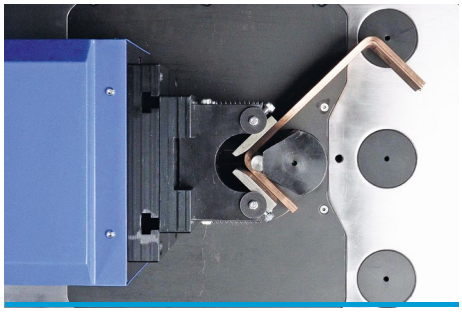
MAKAS APARATI
SHEARING TOOL



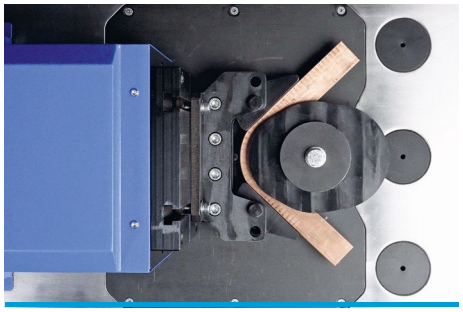
BARA MAKAS APARATI
BUSBAR SHEARING TOOL



BARA DELME APARATI
BUSBAR PUNCHING TOOL



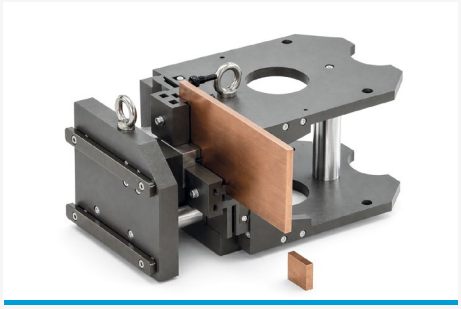
BARA HASSAS BÜKÜM APARATI
BUSBAR PRECISE BENDING TOOL



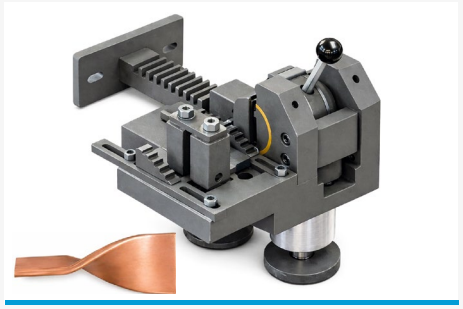
DİKEY BARA BÜKÜM APARATI
BUSBAR VERTICAL BENDING TOOL



BARA Z BÜKÜM APARATI
BUSBAR Z BENDING TOOL



BARA KÖŞE KESME APARATI
BUSBAR CORNER NOTCHING TOOL



BARA TWIST APARATI
BUSBAR TWISTING TOOL