



TORNADO

Precise Power

**JANT ONARIM MAKİNELERİ
ALLOY WHEEL REFURBISHMENT MACHINES**





HAKKIMIZDA ABOUT US



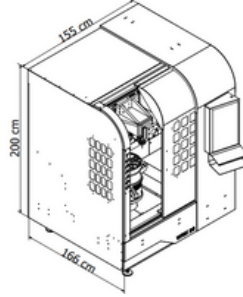
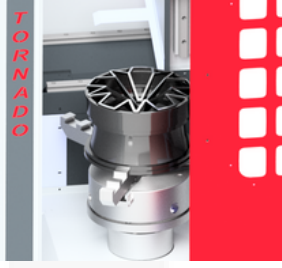
Firmamız PAC MAKINA OTOMASYON LTD. ŞTİ. 2007 yılında İzmir’de kurulmuştur. 17 yılı aşkın CNC tecrübemiz ile 2019 yılında TORNADO CNC markasıyla otomotiv sektörüne giriş yaptık. Otomotiv sektörünün vazgeçilmezi olan jantta yaşanan problemleri hedef alarak seri üretim Jant Onarım Makineleri üretimi ile sektöre yeni bir bakış açısı getiriyoruz.

Our company is PAC MAKINA OTOMASYON LTD. ŞTİ. It was established in Izmir in 2007. With more than 17 years of CNC experience, we entered the automotive industry with the TORNADO CNC brand in 2019. We bring a new perspective to the sector with the production of mass production Rim Repair Machines, targeting the problems experienced in rims, which are indispensable in the automotive industry.



WRM 26 DİKEY CNC JANT TORNA MAKİNESİ

VERTICAL CNC DIAMOND CUT MACHINE



MAKSİMUM JANT ÇAPI / MAXIMUM RIM SIZE

26"

KONTROL SİSTEMİ / CONTROL SYSTEM

TRIO MOTION CONTROLLER

İŞLEME ALANI / PROCESS AREA

X:700 mm Y:350 mm

EKRAN / SCREEN

17"

GÖVDE / BODY STRUCTURE

DÖKÜM GÖVDE / CAST BODY

KURULU GÜÇ / TOTAL POWER

380VOLT 3 FAZ/ PHASE 9 KW

NET AĞIRLIK / NET WEIGHT

1220KG

NET ÖLÇÜLER / NET DIMENSION

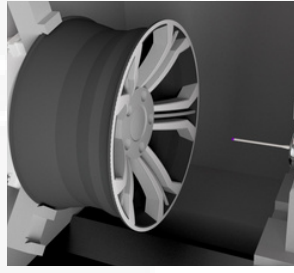
2240Xx1500x1900mm

ÖLÇÜM HASSASİYETİ / MEASUREMENT PRECISION

0.002 mm

JANT ÖLÇÜM SİSTEMİ / RIM MEASUREMENT SYSTEM

YAKUT PROB / RUBY PROB



MAKSİMUM JANT ÇAPI / MAXIMUM RIM SIZE

22"

KONTROL SİSTEMİ / CONTROL SYSTEM

MOTION CONTROLLER

İŞLEME ALANI / PROCESS AREA

X:880 mm Y:390 mm

EKRAN / SCREEN

17"

GÖVDE / BODY STRUCTURE

DÖKÜM GÖVDE / CAST BODY

KURULU GÜÇ / TOTAL POWER

380VOLT 3 FAZ/ PHASE 9 KW

NET AĞIRLIK / NET WEIGHT

1100KG

NET ÖLÇÜLER / NET DIMENSION

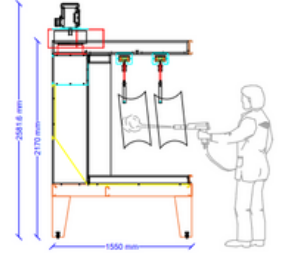
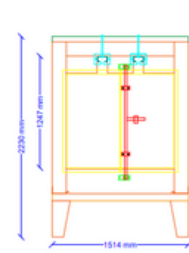
1900Xx1450x1800mm

ÖLÇÜM HASSASİYETİ / MEASUREMENT PRECISION

0.002 mm

JANT ÖLÇÜM SİSTEMİ / RIM MEASUREMENT SYSTEM

YAKUT PROB / RUBY PROB



FIRIN İÇ ÖLÇÜSÜ / KURULU ÖLÇÜ
OVEN INNER / INSTALLED DIMENSIONS

1200x1200x1500mm
5589x2582x1550 mm

MAX SICAKLIK /MAX HEATING

250 °C

ISITMA KAPASİTE /HEATING CAPACITY

18 KW

JANT KAPASİTESİ / WHEEL CAPACITY

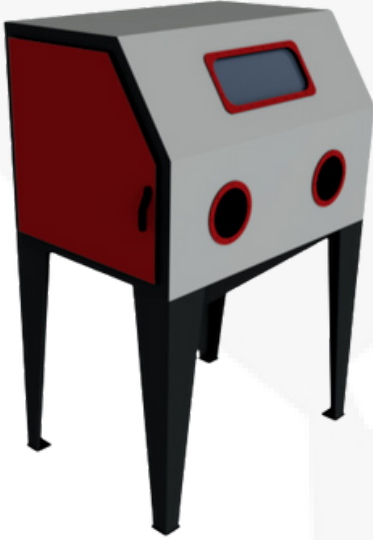
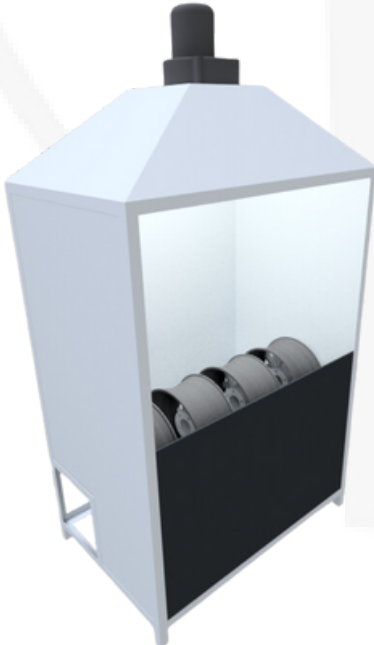
4 ADET / PCS

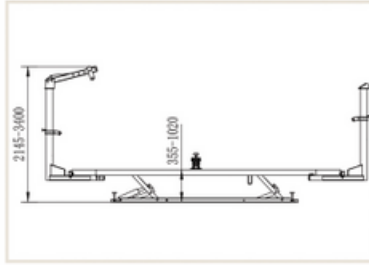
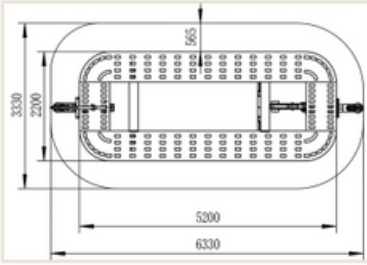
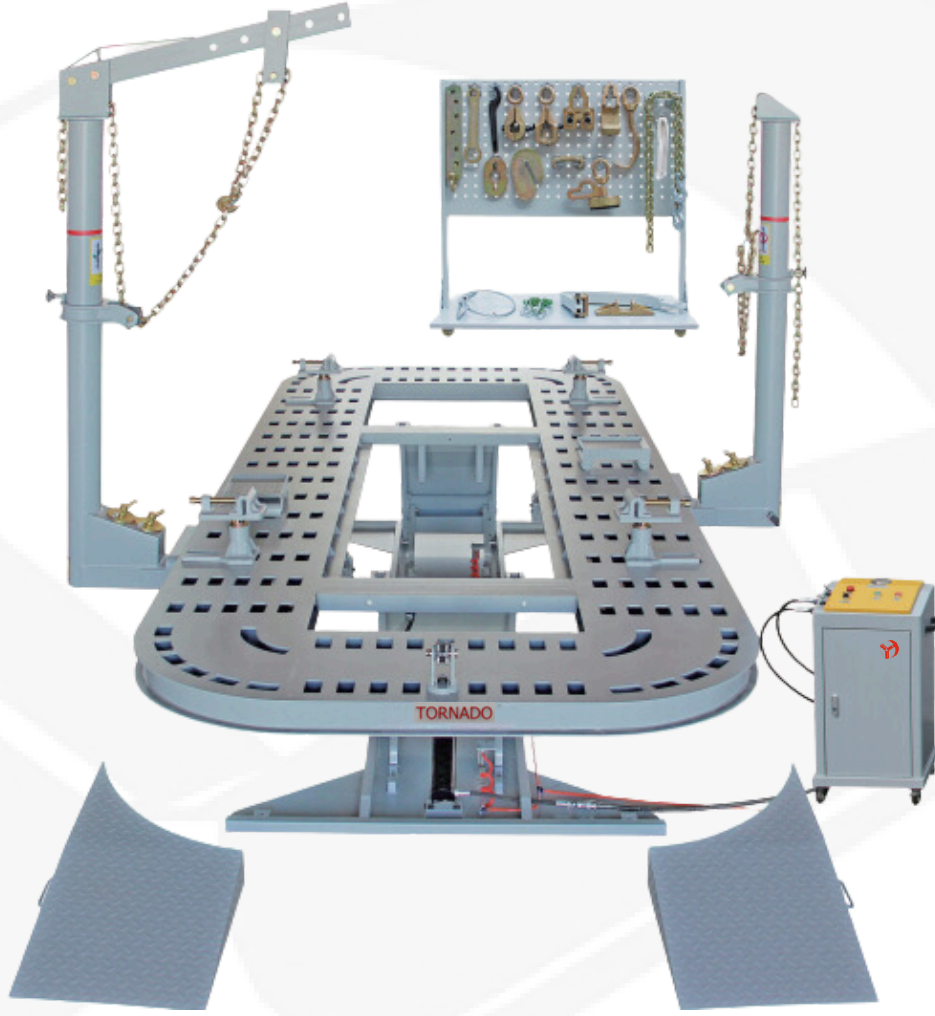
FİLTE SİSTEMİ / FILTER SYSTEM

3 ADET / 3 PIECES

İZOLASYON / INSULATION

150mm TAŞ YÜNÜ / MINERAL WOOL

**MAXIMUM JANT KAPASİTESİ**
MAXIMUM RIM CAPACITY**1 JANT /RIM****MAKSİMUM JANT ÇAPI / MAX RIM DIAMETER****26 INCH****MAKSİMUM JANT YÜKSEKLİĞİ**
MAXIMUM RIM HEIGHT**40CM****ÇALIŞMA VOLTAJİ / WORKING VOLTAGE****380V****NET ÖLÇÜLER / NET DIMENSION****850X1080X1140mm****MAXIMUM JANT KAPASİTESİ**
MAXIMUM RIM CAPACITY**1 JANT /RIM****MAKSİMUM JANT ÇAPI / MAX RIM DIAMETER****26 INCH****ÇALIŞMA VOLTAJİ / WORKING VOLTAGE****380V 0.75 kW****NET ÖLÇÜLER / NET DIMENSION****1200x1500x1700mm****DÖNER TABLA VE HAREKETLİ TABANCA**
(OPSİYONEL)**TURNABLE AND MOVING GUN**
(OPTIONAL)**MAKSİMUM JANT ÖLÇÜSÜ**
MAXIMUM RIM SIZE**26INCH****JANT KAPASİTESİ / RIM CAPACITY****AYNI ANDA 4 JANT**
4 WHEEL PER BATCH**SIVI KAPASİTESİ / LIQUID CAPACITY****600L****TANK İÇ ÖLÇÜLERİ / TANK INNER DIMENSIONS****1200x800x900****HİDROLİK KAPAK****HYDRUALIC DOOR****ÜST FİLTRASYON SİSTEMİ (OPSİYONEL)****TOP FILTRATION SYSTEM (OPTIONAL)****İŞLEM SÜRESİ KİMYASAL DURUMUNA GÖRE 3-**
15DK**PROCESSING TIME IS 3-15 MINUTES**
DEPENDING ON THE CHEMICAL
CONDITION



PLATFORM ÖLÇÜLERİ / PLATFORM DIMENSIONS

5200x2200x355~1020 mm

PLATFORM DIŞ ÖLÇÜLERİ / PLATFORM OUTER DIMENSIONS

6300x3300x355~1020 mm

YÜKLEME KAPASİTESİ / LOADING CAPACITY

3500KG

ÇEKME KAPASİTESİ / PULLING CAPACITY

10TON KULE BAŞINA / 10TONPER TOWER

ÇEKME ARALIĞI / PULLING RANGE

360° PLATFORM ETRAFINDA/ 360° AROUND PLATFORM

ÇALIŞMA VOLTAJİ / WORKING VOLTAGE

380 V

HİDROLİK BASKI / HYDRAULIC PRESSURE

70MPa

GÜÇ ÜNİTESİ / POWER UNIT

ELEKTRİK-HİDROLİK POMPA / ELECTRIC-HYDRAULIC PUMP

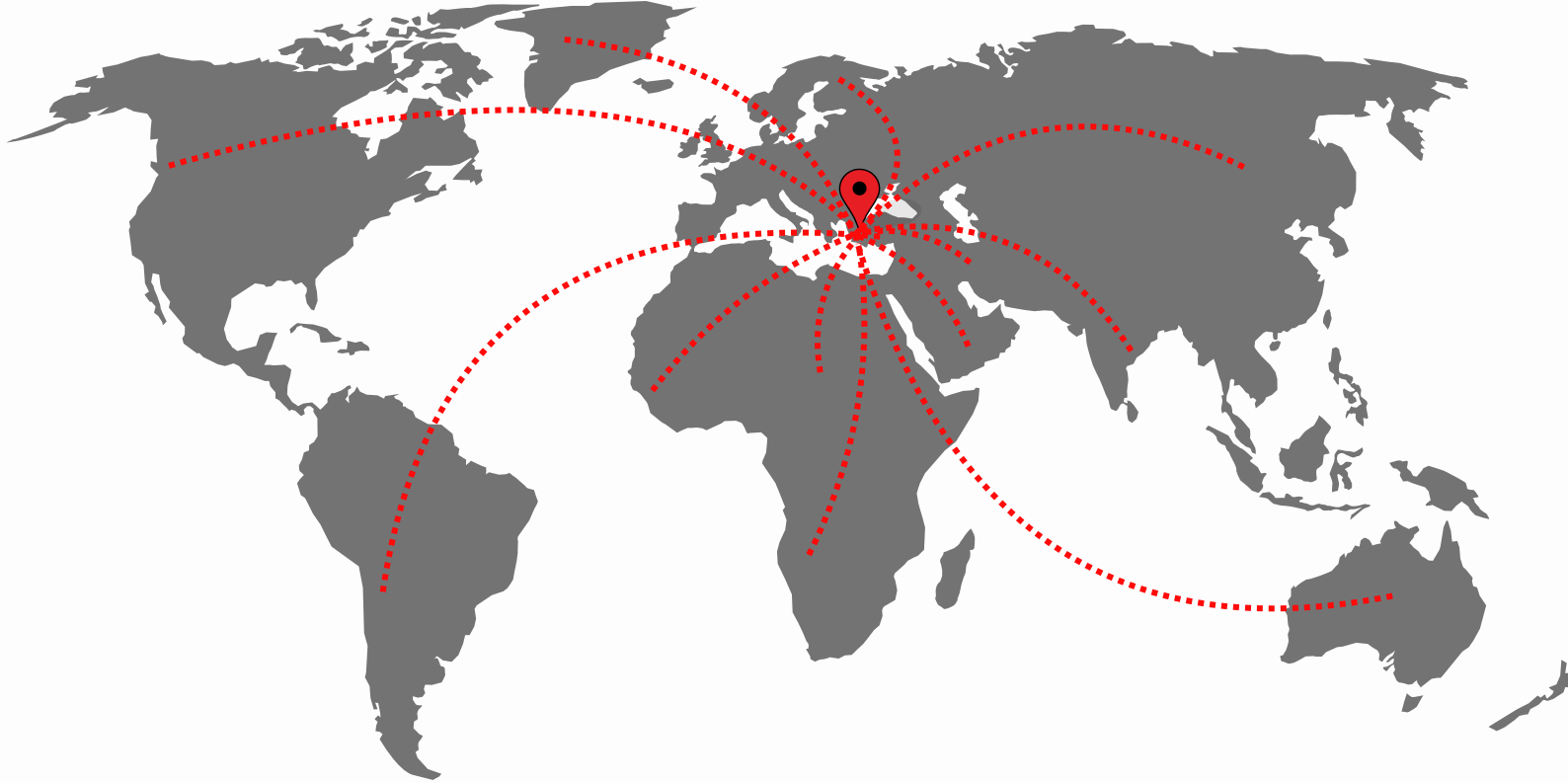
NET AĞIRLIK / NET WEIGHT

2690KG



TORNADO

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