



NCR 01-HAVALI VARİL KARIŞTIRICI

NCR 01 - AIR DRUM AGITATORS



- Tür-Type: ½ HP Havalı Motor - ½ HP Air Motor
- Çalışma -Operation : Pnömatik 6-8 bar 350l/dak. - Pneumatic 6-8 bar 350l/min cons.
- Şaft- Shaft: 85 cm Paslanmaz Çelik- 85 cm Stainless Steel
- Pervane- Propeller: 6" ve 10" katlanabilir pervaneler - 6" and 10 " foldable propellers
- Net Ağırlık (kg)- Net Weight : 8 kg
- Maksimum Viskozite- Max Viscosity: 3.000 cps
- Devir- Rpm: 0- 750 dev/dak Ayarlanabilir- 0- 750 rpm Adjustable
- Garanti-Guarantee : 1 Yıl – 1 Year

 **Certificated**

NCR 03 - HAVALI IBC TANK KARIŞTIRICI

NCR 03 - AIR IBC TOTE AGITATORS(Manual Lifted)



- Tür-Type: ½ HP Havalı Motor - ½ HP Air Motor
- Çalışma -Operation : Pnömatik 6-8 bar 350l/dak. - Pneumatic 6-8 bar 350l/min cons.
- Şaft- Shaft: 100 cm Paslanmaz Çelik- 100 cm Stainless Steel
- Pervane- Propeller: 10" ve 10" katlanabilir pervaneler - 10" and 10 " foldable propellers
- Şase – Traverse : 25 x 1000 mm Paslanmaz Çelik - 25 x 1000 mm Stainless Steel
- Net Ağırlık (kg)- Net Weight : 8 kg
- Maksimum Viskozite- Max Viscosity: 2.000 cps
- Devir- Rpm: 0- 750 dev/dak Ayarlanabilir- 0- 750 rpm Adjustable
- Garanti-Guarantee : 1 Yıl – 1 Year

 **Certificated**

NCR 07-HAVA TAHRİK KALKIŞLI IBC KARIŞTIRICI

NCR 07-AIR LIFTED IBC AGITATORS WITH CAP



- Tür-Type: ½ HP Havalı Motor - ½ HP Air Motor
- Çalışma -Operation : Pano üzerinden joystick hava kontrollü – Control via panel joystick by air
- Tüketim – Consumption :Pnömatik 6-8 bar 450l/dak. - Pneumatic 6-8 bar 450l/min cons.
- Şaft- Shaft: 100 cm Paslanmaz Çelik- 100 cm Stainless Steel
- Pervane- Propeller: 10" ve 10" katlanabilir pervaneler - 10" and 10 " foldable propellers
- Platform: Metal boyalı veya SS şase, 1300 mm stroklu pnömatik piston -Metal painted or SS body , with 1300 mm Pneumatic piston
- Net Ağırlık (kg)- Net Weight : 70 kg
- Maksimum Viskozite- Max Viscosity: 2.000 cps
- Devir- Rpm: 0- 750 dev/dak Ayarlanabilir- 0- 750 rpm Adjustable
- Garanti-Guarantee : 1 Yıl – 1 Year



HAVALI LABORATUVAR MİKSERİ AIR LABORATORY AGITATORS



Tür-Type: ½ HP Havalı Motor - ½ HP Air Motor

- **Çalışma -Operation :** Pnömatik 6-8 bar 350l/dak. - Pneumatic 6-8 bar 350l/min cons.
- **Şaft- Shaft:** 45 cm Paslanmaz Çelik- 45 cm Stainless Steel
- **Pervane- Propeller:** 6" sabit pervane - 6" stable propeller
- **Net Ağırlık (kg)- Net Weight :** 10 kg
- **Maksimum Viskozite- Max Viscosity:** 15.000 cps
- **Devir- Rpm:** 0- 3000 dev/dak Ayarlanabilir- 0- 3000 rpm Adjustable
- **Garanti-Guarantee :** 1 Yıl – 1 Year

 **Certificated**

NCR 04- ELEKTRİKLİ IBC KARIŞTIRICI (Manuel Kaldırma) NCR 04 - ELECTRICITY IBC AGITATORS (Manuel Lift)



- Tür-Type: 3 kW Elektrikli Motor – 3 kW Electricity Motor IP55
- Çalışma -Operation : 3 Faz 380 Volt Pano üzerinden kontrollü – 3 Phase 380 Volt Control via panel
- Şaft- Shaft: 100 cm Paslanmaz Çelik- 100 cm Stainless Steel
- Pervane- Propeller: 10" ve 10" katlanabilir pervaneler - 10" and 10 " foldable propellers
- Platform: SS şase 1000 mm x 220 mm x 130 mm forklift ile kaldırma- SS body 1000 mm x 220 mm x 130 mm lifting designed with forklift
- Net Ağırlık (kg)- Net Weight : 70 kg
- Maksimum Viskozite- Max Viscosity: 30.000 cps
- Devir- Rpm: 0- 600 dev/dak Ayarlanabilir- 0- 600 rpm Adjustable
- Güvenlik - Safety: Aç-Kapa-Devir Ayarı ve Acil Stop Butonu -Power on off, control panel for adjusting rpm, emergency button
- Garanti-Guarantee : 1 Yıl – 1 Year



NCR 05- EXPROOF ELEKTRİKLİ IBC KARIŞTIRICI (Manuel Kaldırma) NCR 05 – EXPROOF ELECTRICITY IBC AGITATORS (Manuel Lift)



- Tür-Type: 3 kW Ex- proof Elektrikli Motor – 3 kW Ex- proof Electricity Motor **Ex II 2G Ex db IIC T4 Gb Zone 1-2**
- Çalışma -Operation : 3 Faz 380 Volt Pano üzerinden kontrollü – 3 Phase 380 Volt Control via panel
- Şaft- Shaft: 100 cm Paslanmaz Çelik- 100 cm Stainless Steel
- Pervane- Propeller: 10” ve 10” katlanabilir pervaneler - 10” and 10 “ foldable propellers
- Platform: SS şase 1000 mm x 220 mm x 130 mm forklift ile kaldırma- SS body 1000 mm x 220 mm x 130 mm lifting designed with forklift
- Net Ağırlık (kg)- Net Weight : 70 kg
- Maksimum Viskozite- Max Viscosity: 30.000 cps
- Devir- Rpm: 0- 600 dev/dak Ayarlanabilir- 0- 600 rpm Adjustable
- Güvenlik - Safety: Aç-Kapa-Devir Ayarı ve Acil Stop Butonu -Power on off, control panel for adjusting rpm, emergency button
- Garanti-Guarantee : 1 Yıl – 1 Year



NCR 06 – ELEKTRİKLİ IBC KARIŞTIRICI(Otomatik Kaldırma) NCR 06- Electricity IBC Mixer Agitator (Automatic Lift)



- Tür-Type: 3 kW Elektrikli Motor – 3 kW Electricity Motor IP55
- Çalışma -Operation : 3 Faz 380 Volt Pano üzerinden kontrollü – 3 Phase 380 Volt Control via panel
- Şaft- Shaft: 100 cm Paslanmaz Çelik- 100 cm Stainless Steel
- Pervane- Propeller: 10” ve 10” katlanabilir pervaneler, 6” Kırıcılı Pervane - 10” and 10 “ foldable propellers and 6” Sawteeth propeller
- Platform: Metal boyalı veya SS şase 1200 mm x 700 mm x 2500 mm elektrikli kaldırma-
Metal painted or SS body 1200 mm x 700 mm x 2500 mm lifting designed with forklift
- Net Ağırlık (kg)- Net Weight : 150 kg
- Maksimum Viskozite- Max Viscosity: 50.000 cps
- Devir- Rpm: 0- 600 dev/dak Ayarlanabilir- 0- 600 rpm Adjustable
- Güvenlik - Safety: Aç-Kapa-Devir Ayarı, Zamanlayıcı, Seviye Sviçleri ve Acil Stop Butonu IP 67–
Power on off, control panel for adjusting rpm, emergency button ,timer, level switches IP 67
- Tekerler-Wheels: 2 sabit-2 avare hareketli frenli tekerler- 2 Front idler wheels, 2 Rear brake wheels
- Garanti-Guarantee : 1 Yıl – 1 Year



NCR 06 – Ex ELEKTRİKLİ IBC KARIŞTIRICI(Otomatik Kaldırma) NCR 06- Ex Electricity IBC Mixer Agitator (Automatic Lift)



- Tür-Type: 3 kW Ex- proof Elektrikli Motor – 3 kW Ex- proof Electricity Motor Ex II 2G Ex db IIC T4 Gb Zone 1-2
- Çalışma -Operation : 3 Faz 380 Volt Pano üzerinden kontrollü – 3 Phase 380 Volt Control via panel
- Şaft- Shaft: 100 cm Paslanmaz Çelik- 100 cm Stainless Steel
- Pervane- Propeller: 10" ve 10" katlanabilir pervaneler, 6" Kırıcılı Pervane - 10" and 10 " foldable propellers and 6" Sawteeth propeller
- Platform: Metal boyalı veya SS şase 1200 mm x 700 mm x 2500 mm elektrikli kaldırma-
Metal painted or SS body 1200 mm x 700 mm x 2500 mm lifting designed with forklift
- Net Ağırlık (kg)- Net Weight : 150 kg
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Power on off, control panel for adjusting rpm, emergency button ,timer, level switches IP 67
- Tekerler-Wheels: 2 sabit-2 avare hareketli frenli tekerler- 2 Front idler wheels, 2 Rear brake wheels
- Garanti-Guarantee : 1 Yıl – 1 Year



IBC DAMPERİ IBC FILTERS/TIPPERS



IBC Damper, IBC'nizin dağıtımını en üst düzeye çıkarır. Güç gerektirmez ve konteyneri eğmek için herhangi bir izleme gerekmeden çalışır. IBC boşaldıkça çıkıştaki basınç azalacağından son birkaç litre sıvıyı çıkarmak zordur. Bu, manuel kaldırmaya ve konteynerin arka kenarını güvenli olmayan bir şekilde kaldırmak için geçici bir kolun kullanılması gibi diğer güvenli olmayan uygulamalara yol açabilir. IBC Damper, sıvı boşaldıkça IBC'nin açısını otomatik olarak ayarlayarak güvenliği sağlar ve maksimum sıvı drenajının ve sağlık ve güvenlik uygulamalarının desteklenmesini sağlar.

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Galvanizli / Paslanmaz Çelik

Ana Özellikler:

- Sıcak daldırma çinko galvanizli/Çelik
- Otomatik Yaylı tasarım
- Sağlam kaynaklı çelik yapı

The IBC Tipper maximises the dispensing of your IBC. It requires no power and will work without any monitoring to tilt the container.

As an IBC empties it is difficult to remove the final few litres of liquid as pressure at the outlet decreases. This can lead to manual lifting and other unsafe practices like using a makeshift lever to unsafely lift the back edge of the container.

The IBC Tipper ensures safety by automatically adjusting the angle of the IBC as the liquid empties, ensuring that maximum liquid drains and health and safety practices are upheld.

Save money and the environment. Use all of the liquid in your container.

Often, the liquids in IBCs can be expensive and any loss costly. By using an IBC Tipper you can ensure minimum wastage.

Disposal of leftover liquids is often problematic, and by making full use of the content of an IBC, adverse environmental effects can be avoided.

Galvanised/ Stainless Steel

Key Features:

Hot dip zinc galvanized/ Steel

Automatic Spring-loaded design

Robust welded steel construction

Height: 150mm high

Footprint: 1050w x 1210mm





- 12 step regulator for exact rotational speed
- Memory function through anti-twist protection

Container sizes



**IBC container
600-1000 liters**

220 liters



110 liters

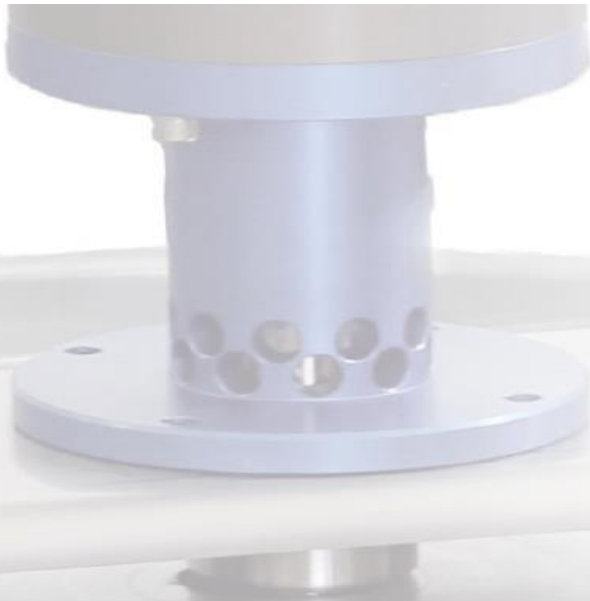


60 liters



30 liters





Technical data

	eco TOPMIX 30L	eco TOPMIX 60L	eco TOPMIX 110L	eco TOPMIX 220L	eco TOPMIX 600L	eco TOPMIX 1000L
Rotation speed Max. torque (without transmission)	30 rpm – 300 rpm 4 Nm	30 rpm – 300 rpm 4 Nm	30 rpm – 300 rpm 8 Nm	30 rpm – 300 rpm 16 Nm	30 rpm – 300 rpm 32 Nm	30 rpm – 300 rpm 32 Nm
Rotation speed Max. torque (with transmission 1:2)	60 rpm – 600 rpm 2 Nm	60 rpm – 600 rpm 2 Nm	60 rpm – 600 rpm 4 Nm	60 rpm – 600 rpm 8 Nm	60 rpm – 600 rpm 16 Nm	60 rpm – 600 rpm 16 Nm
Rotation speed Max. torque (with transmission 3:1)	10 rpm – 100 rpm 12 Nm	10 rpm – 100 rpm 12 Nm	10 rpm – 100 rpm 24 Nm	10 rpm – 100 rpm 48 Nm	10 rpm – 100 rpm 96 Nm	10 rpm – 100 rpm 96 Nm
Rotation speed Max. torque (with transmission 9:1)	3.3 rpm – 33 rpm 36 Nm	3.3 rpm – 33 rpm 36 Nm	3.3 rpm – 33 rpm 72 Nm	3.3 rpm – 33 rpm 144 Nm	3.3 rpm – 33 rpm 288 Nm	3.3 rpm – 33 rpm 288 Nm
A	195mm	195mm	210mm	219mm	219mm	241mm
B	73mm	73mm	73mm	74mm	74mm	74mm
C	Ø99mm	Ø99mm	Ø99mm	Ø159mm	Ø159mm	Ø159mm
D	359mm	534mm	739mm	777mm	593mm	793mm
E (minimum distance axial)	25mm	25mm	25mm	25mm	25mm	25mm
F (minimum distance radial)	25mm	25mm	25mm	25mm	25mm	25mm
Fr (radial force)	75N	50N	50N	50N	40N	40N
Fa (axial force)	100N	100N	100N	200N	200N	200N
Stirrer element	170mm	210mm	260mm	320mm	500mm foldable	500mm foldable
Drive shaft	346mm	521mm	726mm	764mm	580mm	780mm
Container hole diameter	35mm	35mm	35mm	45mm	45mm	45mm
Drilling pattern	4x90°; Ø5.5mm LK: Ø87mm	4x90°; Ø5.5mm LK: Ø87mm	4x90°; Ø8.5mm LK: Ø125mm	4x90°; Ø8.5mm LK: Ø125mm	4x90°; Ø8.5mm LK: Ø125mm	4x90°; Ø8.5mm LK: Ø125mm

Energy-efficient

Our agitators convince by their extreme low consumption of compressed air. We achieve this by means of our PTM drive technology on the basis of the radial piston principle, which has already proven itself over decades. Compared to simple agitators, which are often driven with ordinary vane motors, they reduce the consumption of compressed air by up to 90% on the average.



Savings of operating costs compared to vane motor:
up to €2 600 / per motor
Amortisation of purchase:
after approx. 4 months



Test environment: 75 motors, 200 liters container, 24h operation

Functionally safe

Our products of the eco-Series ensure functional safety in hazardous environments – without any compromises. Certified by TÜV Süd, your agitating process in ATEX zone 1 or 0 is safe and carefree from now on. Our eco-Series provides a silicone-free and oil-free drive as standard.

Highlights

- Zone separation between zone 1 and zone 0
- Hard-coated aluminium housing with grounding
- Oil-free drive
- Silicone-free and acetone-resistant sealings

ATEX Zone 0:

- ATEX certification II 1/2 G Ex h IICT6 Ga/Gb X
- ATEX certification II 1/2 D IIIC T85°C Da/Db X

ATEX Zone 1:

- ATEX certificate II 2 G/D cT5 100



Precision made in Germany

We know that for a perfect agitating result it needs not only a reliable and safe drive technology. The relation between motor, agitator unit and stirring container has to be adjusted thoroughly. Therefore, we analyse the interaction between the components in our own tests and refine the results continuously. We gladly will advise you which components fit together and how you can economically and safely achieve the perfect agitating result with tried and tested quality made in Germany.


Designed,
developed and
made in Germany

AIR DRUM IBC TRANSFER PUMPS



DRUM PUMPS

100 PSI
 Maximum Air
 Supply Pressure

3/8" - DP-10 Series



DP-10 Aluminum



DP-10 Stainless Steel



DP-10 FDA

**UNPACK &
 INSTALL**

*Fully assembled unit
 includes pump, dip tube
 and necessary accessories.*

1/2" - G15 & NDP-15 Series



G15 Aluminum



G15 Polypropylene



NDP-15 Polypropylene



NDP-15 Stainless Steel



NDP-15 Kynar

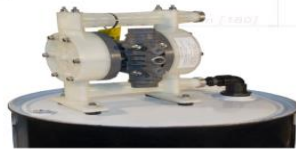
3/4" - NDP-20 Series



NDP-20 Aluminum



NDP-20 Stainless Steel



NDP-20 Polypropylene



NDP-20 FDA

OTHER EXPORTING PRODUCTS

Pneumatic Equipments



Industrial Valves



Cable Transporters



Quick Couplins



Diaphragm Pumps



Spare Parts Production




NCR
Makine Sistemleri

NCR MAKİNE
Adres: Fikri Altay Mah. 6184/3 Sk. No:6C Karşıyaka/İZMİR
Tel: +90 232 449 40 46
www.ncrmakine.com / info@ncrmakine.com