

ECO-FRIENDLY PROFESSIONAL SPRAY AND CHEMICAL APPLICATION CABINETS

The construction of chemical application cabinet consists of 304 & 316 Cr-Ni stainless steel panels. The main pool is made of 2,5 mm 316 Cr-Ni Stainless Steel. The top pool, the water curtain and filtration tank having a thickness of 1,5 mm and side panels are made of 1 mm 304 Cr-ni Stainless steel. In this system, the air is flushed by the nozzles. Any chemical or permanganate particles unavoidable by water screen are bound by those flushing nozzles. The nozzles can be cleaned when needed, as they are easily detachable.

There are two different separate valves functioning in order to adjust the pressure of the top carriage container and nozzles. There is a double filtration system for the water, which is carried by the pump from the bottom tank to the one located on top of the cabinet. By this double filtration system, the impurity of water is prevented. The water used in the system is discharged by an emptying valve.

The chemical particles are bound properly by the help of the water screen and air flushing system. There are two fan absorption units at the bottom and centre sections of the water screens. By this system, a very effective absorption is achieved and the diffusion of chemical odour through the environment is prevented.

The electrical board having the necessary thermal and contactor protections is located on the cabinet. The illumination is provided by fluorescent armatures. The length of the cabinet varies depending on the number of robots.

ECO-FRIENDLY PROFESYONEL SPREY VE KİMYASAL UYGULAMA KABİNLERİ

Kimyasal uygulama kabininin yapısı, 304 ve 316 Cr-ni paslanmaz çelik panellerden oluşmaktadır. Alt havuz 2,5 mm 316 Cr-Ni paslanmaz çelikten, üst havuz 1,5 mm, su perdesi ve filtrasyon deposu 1,5 mm ve yan paneller de 1 mm 304 Cr-Ni paslanmaz çelikten imal edilmektedir. Bu sistemde hava, nozul yoluyla üflenir. Su perdesinden kaçan kimyasal ve permanganat partikülleri yıkama nozullarında yakalanır. Nozullar ihtiyaç halinde, takılıp sökülebildikleri için temizlenebilirler.

Üst taşıma konteynırı ve nozulları kontrol etmek için iki farklı vana bulunmaktadır. Alt depodan kabinin üstündeki depoya pompayla taşınan su için çift filtreleme sistemi vardır. Bu çift filtreleme sistemi ile suyun kirlenmesi önlenir. Sistemde kullanılan su, boşaltma vanasıyla tahliye edilir.

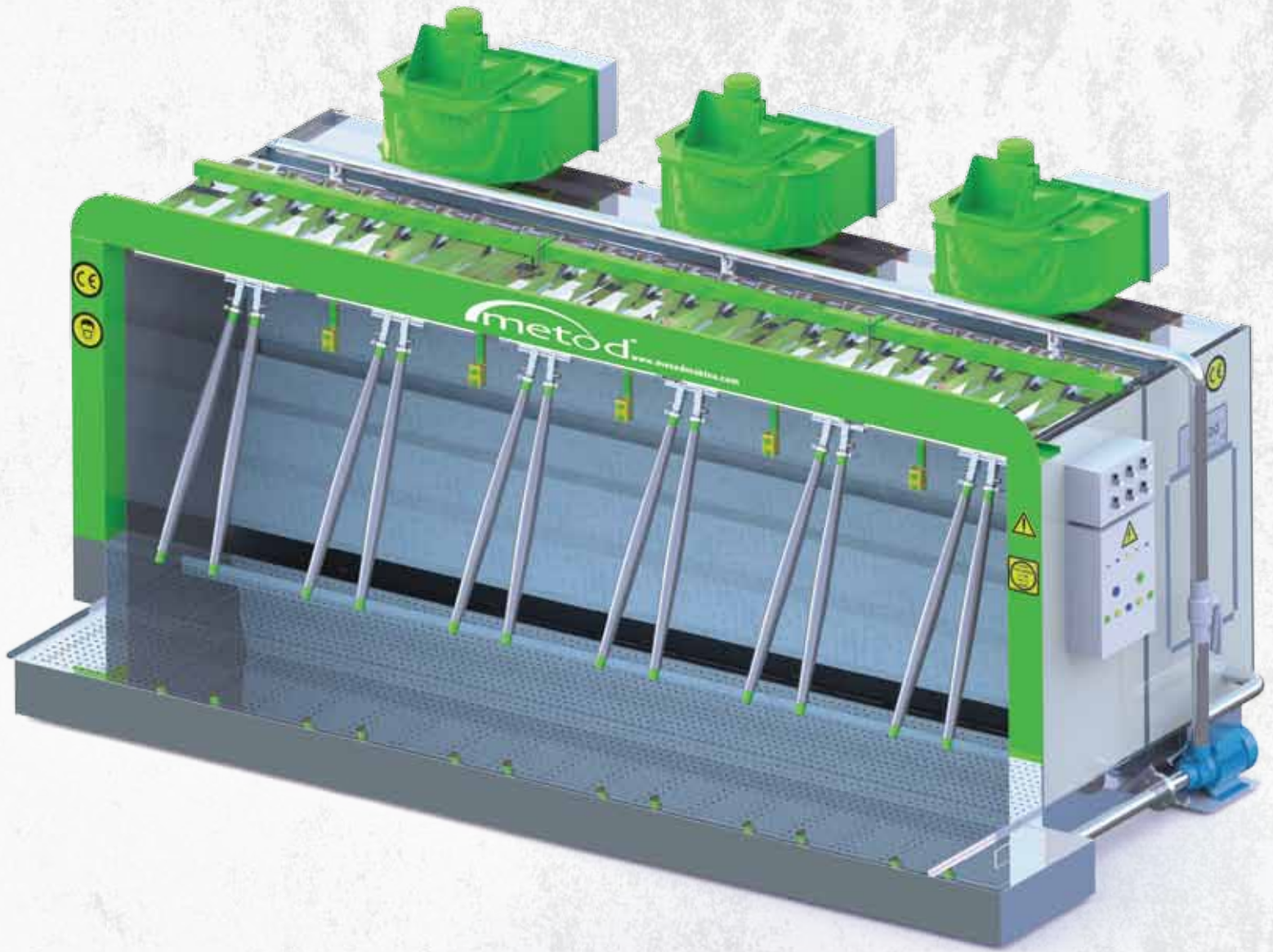
Kimyasal maddeler su perdesi ve hava püskürtme sistemi ile uygun bir şekilde tutulur. Su perdesinin merkez ve alt kısmında iki fan emiş birimi vardır. Bu sistem sayesinde etkili bir emiş yapılarak kötü kokunun etrafa yayılması önlenir.

Elektrik panosu kabinin üzerinde olup, gerekli termik ve kontaktör koruması mevcuttur. Aydınlatma etanj armatüllüdür. Kabin uzunluğu robot sayısına göre değişebilir.

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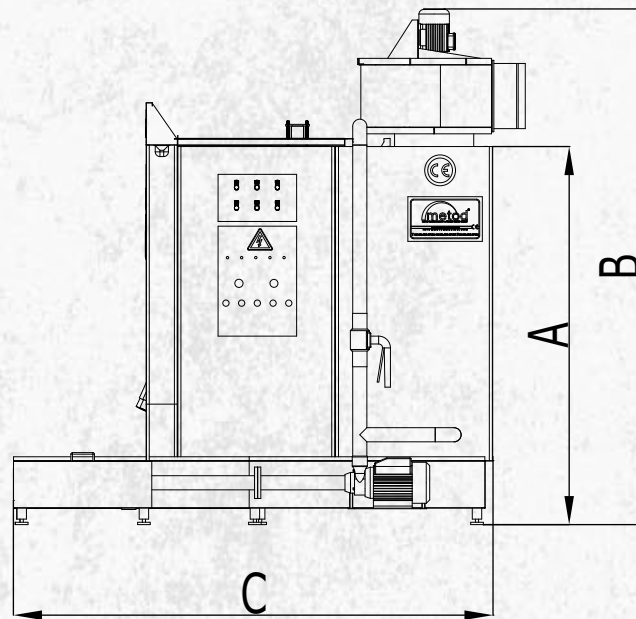
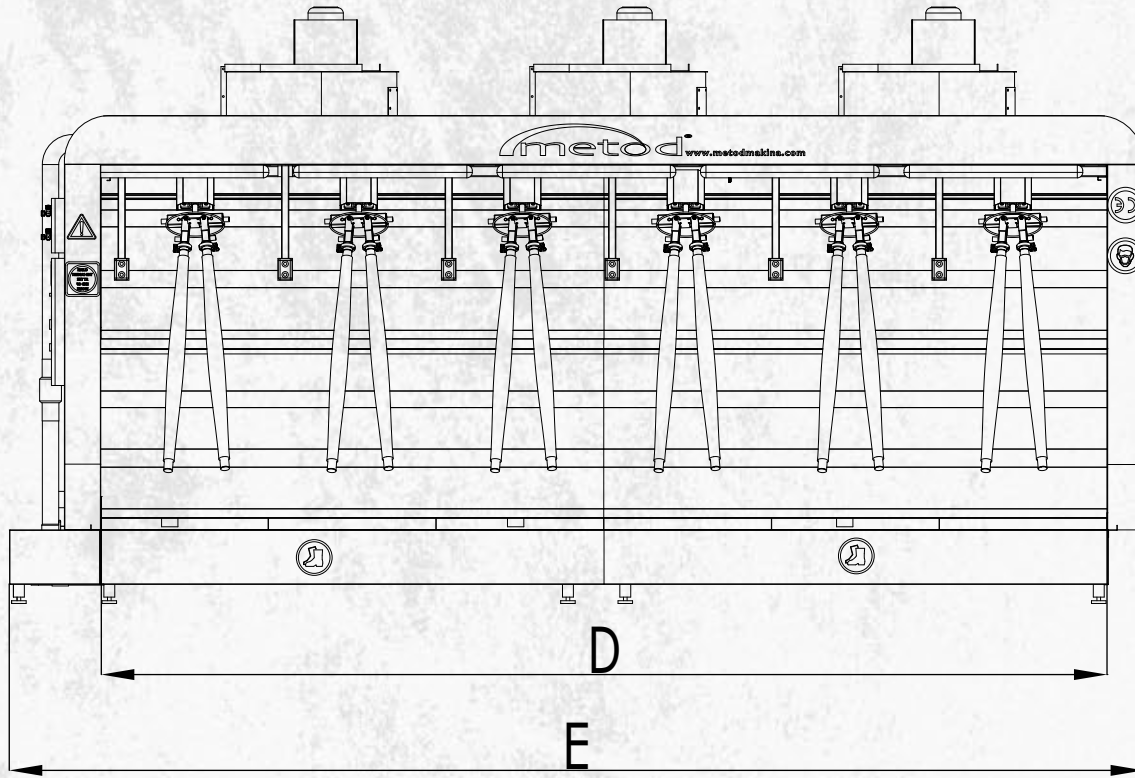
/ Eco-Friendly Profesyonel Sprey ve Kimyasal Uygulama Kabinleri





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TYPE OF CABINET	A	B	C	D	E	TOTAL LAYOUT
WSCN-SAMPLE	2500	3560	3000	1400	2100	2100 x 3000 x 3560
WSCN-2R	2500	3560	3000	2400	3100	3100 x 3000 x 3560
WSCN-3R	2500	3560	3000	3500	4200	4200 x 3000 x 3560
WSCN-4R	2500	3560	3000	4500	5200	5200 x 3000 x 3560
WSCN-5R	2500	3560	3000	5500	6200	6200 x 3000 x 3560
WSCN-6R	2500	3560	3000	6500	7200	7200 x 3000 x 3560

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SPECIFICATIONS	WSCN-SAMPLE	WSCN-2R	WSCN-3R
MODEL	WSCN-SAMPLE	WSCN-2R	WSCN-3R
No. Of Manikin	1	2	3
Daily Capacity	Resin: Around 600 pcs / 20 hrs PP : Around 1000 - 1200 pcs / 20 hrs	Resin: Around 1200 pcs / 20 hrs PP : Around 2000-2400 pcs / 20 hrs	Resin: Around 1800 pcs / 20 hrs PP : Around 3400 - 3600 pcs / 20 hrs
Material	AISI 316 & 304 / 1 - 1,5 - 2,5 mm	AISI 316 & 304 / 1 - 1,5 - 2,5 mm	AISI 316 & 304 / 1 - 1,5 - 2,5 mm
Manikin	Full Automatic Air Filling & Discharging	Full Automatic Air Filling & Discharging	Full Automatic Air Filling & Discharging
Power of the Fan Motor	1 x 2,2 kw (1 x 7.500 m ³ /h)	1 x 3kw (1 x 10.000m ³ /h)	1 x 3kw (1 x 10.000m ³ /h)
Compressed Air	6 Bar	6 Bar	6 Bar
Circulation Pump	Cr - Ni Ebara or Lowara - 1,1kw	Cr - Ni Ebara or Lowara - 1,1kw	Cr - Ni Ebara or Lowara - 1,5kw
Water Pool Volume	Around 1000 lt.	Around 1800 lt.	Around 2600 lt.
Weight	750 kg	900 kg	1500 kg
Certificate	CE	CE	CE

SPECIFICATIONS	WSCN-4R	WSCN-5R	WSCN-6R
MODEL	WSCN-4R	WSCN-5R	WSCN-6R
No. Of Manikin	4	5	6
Daily Capacity	Resin: Around 2400 pcs / 20 hrs PP : Around 4500 - 4800 pcs / 20 hrs	Resin: Around 3000 pcs / 20 hrs PP : Around 5500 - 6000 pcs / 20 hrs	Resin: Around 3600 pcs / 20 hrs PP : Around 7000 - 7200 pcs / 20 hrs
Material	AISI 316 & 304 / 1 - 1,5 - 2,5 mm	AISI 316 & 304 / 1 - 1,5 - 2,5 mm	AISI 316 & 304 / 1 - 1,5 - 2,5 mm
Manikin	Full Automatic Air Filling & Discharging	Full Automatic Air Filling & Discharging	Full Automatic Air Filling & Discharging
Power of the Fan Motor	2 x 3kw (2 x 10.000m ³ /h)	2 x 3kw (2 x 10.000m ³ /h)	3 x 3kw (3 x 10.000m ³ /h)
Compressed Air	6 Bar	6 Bar	6 Bar
Circulation Pump	Cr - Ni Ebara or Lowara - 2,2kw	Cr - Ni Ebara or Lowara - 3kw	Cr - Ni Ebara or Lowara - 3kw
Water Pool Volume	Around 3300 lt.	Around 4100 lt.	Around 4800 lt.
Weight	2000 kg	2500 kg	3000 kg
Certificate	CE	CE	CE

The above values are not stable and can be changed on Project basis. Yukarıdaki değerler sabit değildir ve Proje bazında değişebilir.

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