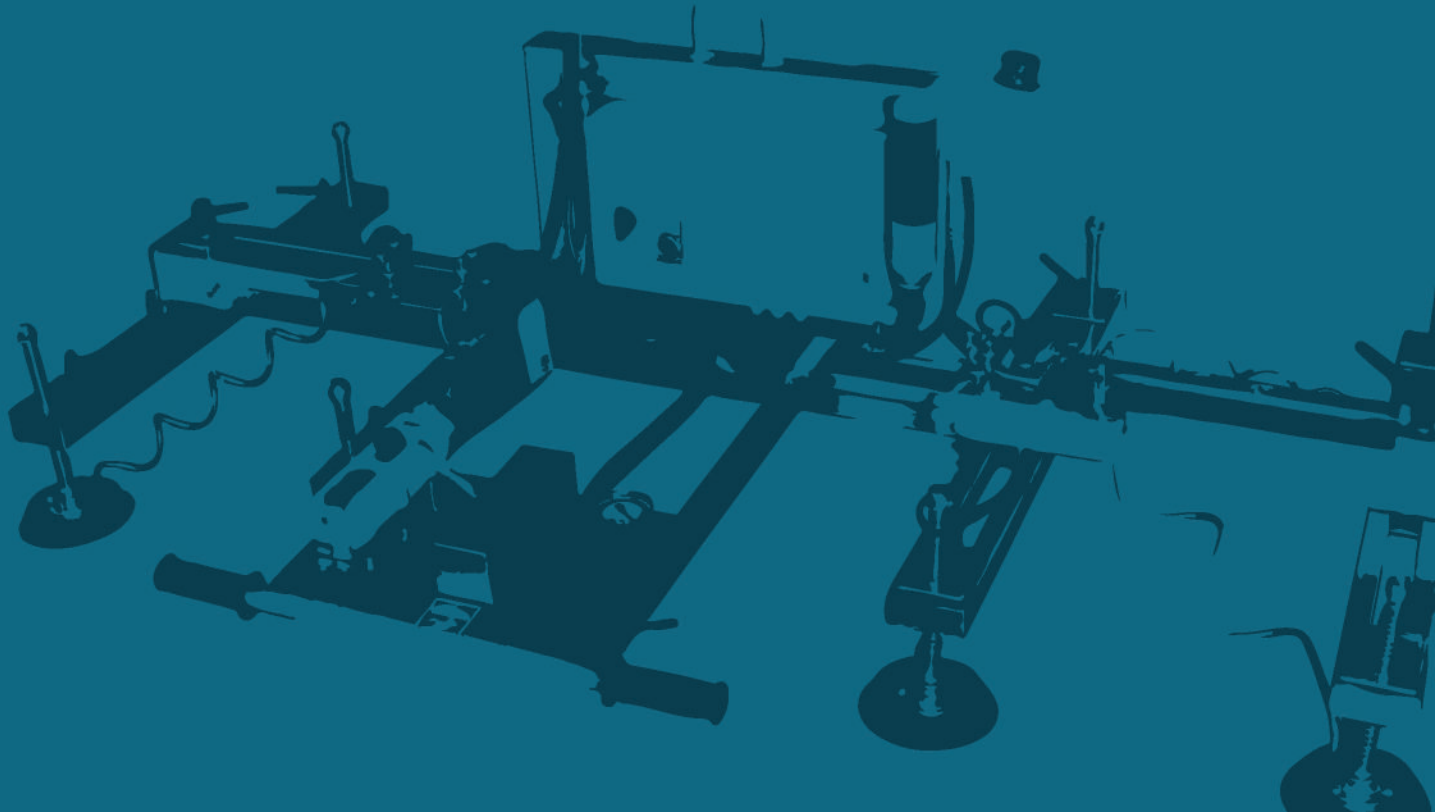
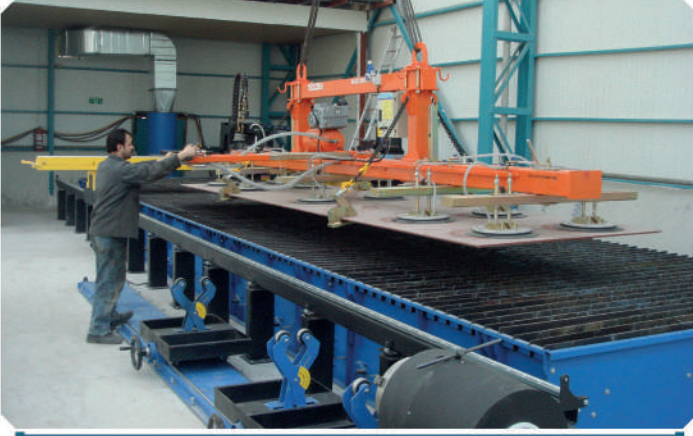


VAKUMSAC

VAKUMLA SAC KALDIRMA

VACUUM LIFTING SYSTEMS FOR SHEET-METAL / STAINLESS STEEL / ALUMINYUM SLAB





PLAZMAYA VAKUMSAC İLE YÜKLEME

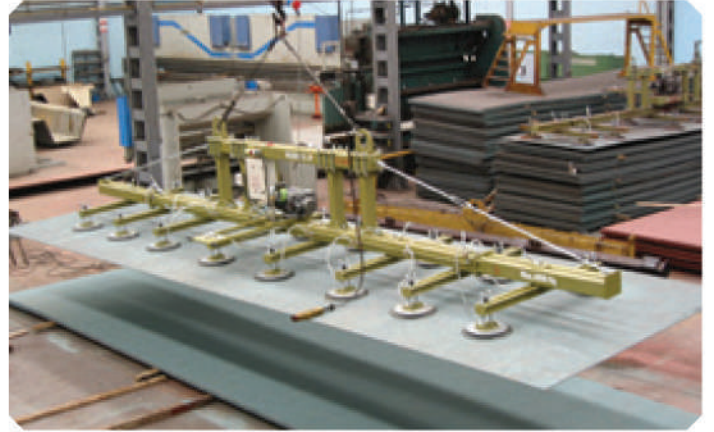


20 TON VAKUMSAC

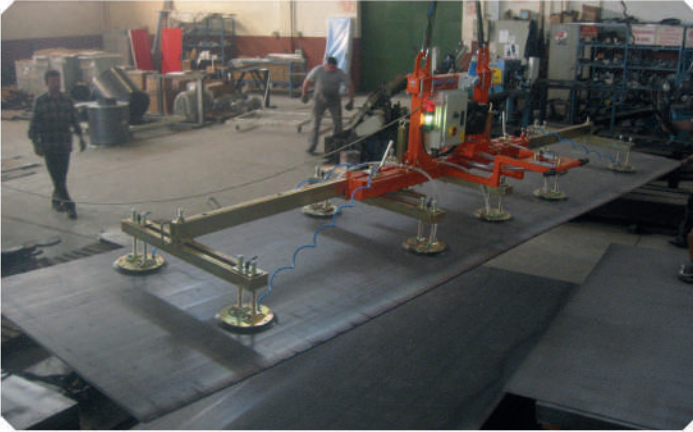


Dönebilir vakum grupları sayesinde 500 mm. genişliğinde dar uzun saclarda alabilme özelliği.

Capable of taking narrow and long metal sheets (width: 500 mm.) through its rotatable vacuum groups.



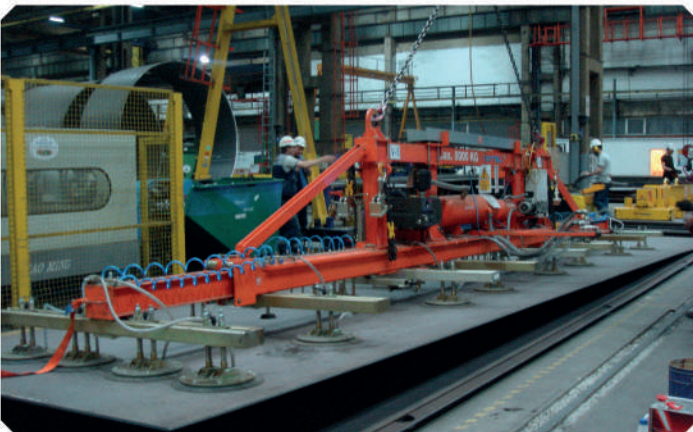
12 M. SACLARIN VAKUMLA TAŞINMASI



TELESKOPİK VAKUMSAC KALDIRMA



TEK SIRALI VAKUMSAC İLE KALDIRMA



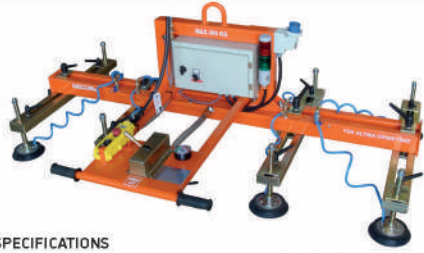
3 TON SAC KALDIRMA



PORTAL VİNÇTE 13,5 TON 14 M. UZUNLUĞUNDA SAC KALDIRMA

VAKUMSAC

VSP SERIES



TECHNICAL SPECIFICATIONS

MODEL	VSP-300		
LIFTING CAPACITY	300 KG		
MAX.WORKPIECE DIMENSIONS	1500 X 3000	2000 X 4000	2000 X 6000
MACHINE DIMENSIONS	1000 X 1800	1200 X 2750	1200 X 4500



TECHNICAL SPECIFICATIONS

MODEL	VSP-500		
LIFTING CAPACITY	500 KG		
MAX.WORKPIECE DIMENSIONS	1500 X 3000	2000 X 4000	2000 X 6000
MACHINE DIMENSIONS	1000 X 1800	1200 X 2750	1200 X 4500



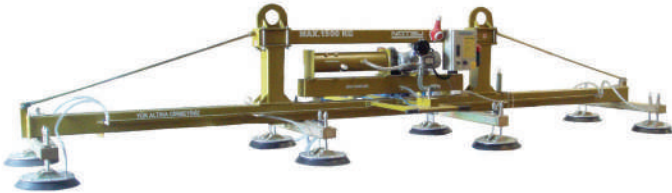
TECHNICAL SPECIFICATIONS

MODEL	VSP-800		
LIFTING CAPACITY	800 KG		
MAX.WORKPIECE DIMENSIONS	1500 X 3000	2000 X 4000	2000 X 6000
MACHINE DIMENSIONS	1000 X 1800	1200 X 2750	1200 X 4500



TECHNICAL SPECIFICATIONS

MODEL	VSP-1000		
LIFTING CAPACITY	1000 KG		
MAX.WORKPIECE DIMENSIONS	1500 X 3000	2000 X 4000	2000 X 6000
MACHINE DIMENSIONS	1000 X 1800	1200 X 2750	1200 X 4500



TECHNICAL SPECIFICATIONS

MODEL	VSP-1500		
LIFTING CAPACITY	1500 KG		
MAX.WORKPIECE DIMENSIONS	2000 X 4000	2000 X 6000	2000 X 9000
MACHINE DIMENSIONS	1200 X 2750	1200 X 4500	1200 X 7000



TECHNICAL SPECIFICATIONS

MODEL	VSP-2000		
LIFTING CAPACITY	2000 KG		
MAX.WORKPIECE DIMENSIONS	2000 X 4000	2000 X 6000	2000 X 9000
MACHINE DIMENSIONS	1200 X 2750	1200 X 4500	1200 X 7000



TECHNICAL SPECIFICATIONS

MODEL	VSP-3000		
LIFTING CAPACITY	3000 KG		
MAX.WORKPIECE DIMENSIONS	2000 X 6000	2000 X 9000	2000 X 12000
MACHINE DIMENSIONS	1200 X 4500	1200 X 7000	1200 X 10000



TECHNICAL SPECIFICATIONS

MODEL	VSP-4000		
LIFTING CAPACITY	4000 KG		
MAX.WORKPIECE DIMENSIONS	2000 X 6000	2000 X 9000	2000 X 12000
MACHINE DIMENSIONS	1200 X 4500	1200 X 7000	1200 X 10000



TECHNICAL SPECIFICATIONS

MODEL	VSP-5000		
LIFTING CAPACITY	5000 KG		
MAX.WORKPIECE DIMENSIONS	2000 X 6000	2000 X 9000	2000 X 12000
MACHINE DIMENSIONS	1200 X 4500	1200 X 7000	1200 X 10000



TECHNICAL SPECIFICATIONS

MODEL	VSP-6000		
LIFTING CAPACITY	6000 KG		
MAX.WORKPIECE DIMENSIONS	2000 X 6000	2000 X 9000	2000 X 12000
MACHINE DIMENSIONS	1200 X 4500	1200 X 7000	1200 X 10000

VAKUMSAC

VSP SERIES



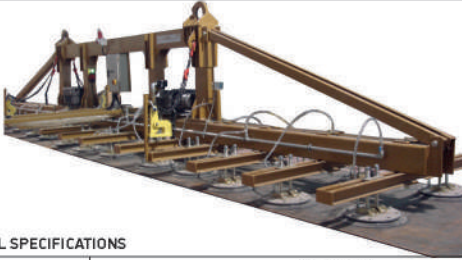
TECHNICAL SPECIFICATIONS

MODEL	VSP-7000		
LIFTING CAPACITY	7000 KG		
MAX.WORKPIECE DIMENSIONS	2000 X 6000	2000 X 9000	2000 X 12000
MACHINE DIMENSIONS	1200 X 4500	1200 X 7000	1200 X 10000



TECHNICAL SPECIFICATIONS

MODEL	VSP-8000		
LIFTING CAPACITY	8000 KG		
MAX.WORKPIECE DIMENSIONS	2000 X 6000	2000 X 9000	2000 X 12000
MACHINE DIMENSIONS	1200 X 4500	1200 X 7000	1200 X 10000



TECHNICAL SPECIFICATIONS

MODEL	VSP-10000		
LIFTING CAPACITY	10.000 KG		
MAX.WORKPIECE DIMENSIONS	2000 X 9000	2000 X 12000	2000 X 14000
MACHINE DIMENSIONS	1200 X 7000	1200 X 10000	1200 X 12000



TECHNICAL SPECIFICATIONS

MODEL	VSP-13500		
LIFTING CAPACITY	13.500 KG		
MAX.WORKPIECE DIMENSIONS	2000 X 9000	2000 X 12000	2000 X 14000
MACHINE DIMENSIONS	1200 X 7000	1200 X 10000	1200 X 12000



TECHNICAL SPECIFICATIONS

MODEL	VSP-15000		
LIFTING CAPACITY	15.000 KG		
MAX.WORKPIECE DIMENSIONS	2000 X 9000	2000 X 12000	2000 X 14000
MACHINE DIMENSIONS	1200 X 7000	1200 X 10000	1200 X 12000



TECHNICAL SPECIFICATIONS

MODEL	VSP-16500		
LIFTING CAPACITY	16.500 KG		
MAX.WORKPIECE DIMENSIONS	2000 X 9000	2000 X 12000	2000 X 14000
MACHINE DIMENSIONS	1200 X 7000	1200 X 10000	1200 X 12000



TECHNICAL SPECIFICATIONS

MODEL	VSP-20000		
LIFTING CAPACITY	20.000 KG		
MAX.WORKPIECE DIMENSIONS	2000 X 9000	2000 X 12000	2000 X 14000
MACHINE DIMENSIONS	1200 X 7000	1200 X 10000	1200 X 12000



TECHNICAL SPECIFICATIONS

MODEL	VSP-22500		
LIFTING CAPACITY	22.500 KG		
MAX.WORKPIECE DIMENSIONS	2000 X 9000	2000 X 12000	2000 X 14000
MACHINE DIMENSIONS	1200 X 7000	1200 X 10000	1200 X 12000



TECHNICAL SPECIFICATIONS

	TELESCOPIC		
MODEL	VSP-T 750 (6-9-12 MT)		
LIFTING CAPACITY	750 KG		
MAX.WORKPIECE DIMENSIONS	1500 X 6000	2000 X 9000	2000 X 12000
MACHINE DIMENSIONS (LONG)	1000 X 4750	1000 X 7500	1200 X 9000
MACHINE DIMENSIONS (SHORT)	1000 X 2750	1000 X 4500	1200 X 6000



TECHNICAL SPECIFICATIONS

	TELESCOPIC		
MODEL	VSP-T 1000 (6-9-12 MT)		
LIFTING CAPACITY	1000 KG		
MAX.WORKPIECE DIMENSIONS	1500 X 6000	2000 X 9000	2000 X 12000
MACHINE DIMENSIONS (LONG)	1000 X 4750	1000 X 7500	1200 X 9000
MACHINE DIMENSIONS (SHORT)	1000 X 2750	1000 X 4500	1200 X 6000

VAKUMSAC

VSP SERIES



TECHNICAL SPECIFICATIONS

TELESCOPIC			
MODEL	VSP-T 1500 (6-9-12 MT)		
LIFTING CAPACITY	1500 KG		
MAX.WORKPIECE DIMENSIONS	1500 X 6000	2000 X 9000	2000 X 12000
MACHINE DIMENSIONS (LONG)	1200 X 4750	1200 X 7500	1200 X 9000
MACHINE DIMENSIONS (SHORT)	1200 x 2750	1200 x 4500	1200 x 7000



TECHNICAL SPECIFICATIONS

TELESCOPIC			
MODEL	VSP-T 2000 (6-9-12 MT)		
LIFTING CAPACITY	2000 KG		
MAX.WORKPIECE DIMENSIONS	1500 X 6000	2000 X 9000	2000 X 12000
MACHINE DIMENSIONS (LONG)	1200 X 4750	1200 X 7500	1200 X 9000
MACHINE DIMENSIONS (SHORT)	1200 x 2750	1200 x 4500	1200 x 7000



TECHNICAL SPECIFICATIONS

TELESCOPIC			
MODEL	VSP-T 3000 (6-9-12 MT)		
LIFTING CAPACITY	3000 KG		
MAX.WORKPIECE DIMENSIONS	1500 X 6000	2000 X 9000	2000 X 12000
MACHINE DIMENSIONS (LONG)	1200 X 4750	1200 X 7500	1200 X 9000
MACHINE DIMENSIONS (SHORT)	1200 x 2750	1200 x 4500	1200 x 7000



TECHNICAL SPECIFICATIONS

TELESCOPIC			
MODEL	VSP-T 5000 (6-9-12 MT)		
LIFTING CAPACITY	5000 KG		
MAX.WORKPIECE DIMENSIONS	1500 X 6000	2000 X 9000	2000 X 12000
MACHINE DIMENSIONS (LONG)	1200 X 5750	1200 X 7500	1200 X 9000
MACHINE DIMENSIONS (SHORT)	1200 x 3750	1200 x 5000	1200 x 7000



TECHNICAL SPECIFICATIONS

TELESCOPIC			
MODEL	VSP-T 8000 (6-9-12 MT)		
LIFTING CAPACITY	8000 KG		
MAX.WORKPIECE DIMENSIONS	1500 X 6000	2000 X 9000	2000 X 12000
MACHINE DIMENSIONS (LONG)	1200 X 4750	1200 X 7500	1200 X 9000
MACHINE DIMENSIONS (SHORT)	1200 x 2750	1200 x 4500	1200 x 7000



TECHNICAL SPECIFICATIONS

TELESCOPIC			
MODEL	VSP-T 10000 (6-9-12 MT)		
LIFTING CAPACITY	10000 KG		
MAX.WORKPIECE DIMENSIONS	1500 X 6000	2000 X 9000	2000 X 12000
MACHINE DIMENSIONS (LONG)	1200 X 4750	1200 X 7500	1200 X 9000
MACHINE DIMENSIONS (SHORT)	1200 x 2750	1200 x 4500	1200 x 7000



TECHNICAL SPECIFICATIONS

TELESCOPIC			
MODEL	VSP-T 13500 (6-9-12 MT)		
LIFTING CAPACITY	13500 KG		
MAX.WORKPIECE DIMENSIONS	1500 X 6000	2000 X 9000	2000 X 12000
MACHINE DIMENSIONS (LONG)	1200 X 4750	1200 X 7500	1200 X 9000
MACHINE DIMENSIONS (SHORT)	1200 x 2750	1200 x 4500	1200 x 7000



TECHNICAL SPECIFICATIONS

TELESCOPIC			
MODEL	VSP-L 1000		
LIFTING CAPACITY	1000 KG		
MAX.WORKPIECE DIMENSIONS	1000 X 6000	1000 X 9000	1000 X 12000
MACHINE DIMENSIONS	300 X 4500	300 X 7000	450 X 10000



TECHNICAL SPECIFICATIONS

TELESCOPIC			
MODEL	VSP-L 1500		
LIFTING CAPACITY	1500 KG		
MAX.WORKPIECE DIMENSIONS	500 X 6000	500 X 9000	500 X 12000
MACHINE DIMENSIONS	300 X 4500	300 X 7000	300 X 10000



TECHNICAL SPECIFICATIONS

TELESCOPIC			
MODEL	VSP-L 2000		
LIFTING CAPACITY	2000 KG		
MAX.WORKPIECE DIMENSIONS	500 X 6000	500 X 9000	500 X 12000
MACHINE DIMENSIONS	450 X 4500	450 X 7000	450 X 10000

VAKUMSAC

VSP SERIES



TECHNICAL SPECIFICATIONS

MODEL	VSP-L 5000		
LIFTING CAPACITY	5000 KG		
MAX.WORKPIECE DIMENSIONS	1000 X 6000	1000 X 9000	1000 X 12000
MACHINE DIMENSIONS	450 X 4500	450 X 7000	450 X 10000



TECHNICAL SPECIFICATIONS

	TELESCOPIC		
MODEL	VSP-L-T 500 (6-9-12 MT)		
LIFTING CAPACITY	500 KG		
MAX.WORKPIECE DIMENSIONS	500 X 6000	500 X 9000	500 X 12000
MACHINE DIMENSIONS (LONG)	450 X 4750	450 X 7500	450 X 9000
MACHINE DIMENSIONS (SHORT)	450 X 2750	450 X 4500	450 X 7000



TECHNICAL SPECIFICATIONS

	TELESCOPIC		
MODEL	VSP-L-T 1000 (6-9-12 MT)		
LIFTING CAPACITY	1000 KG		
MAX.WORKPIECE DIMENSIONS	500 X 6000	500 X 9000	500 X 12000
MACHINE DIMENSIONS (LONG)	450 X 4750	450 X 7500	450 X 9000
MACHINE DIMENSIONS (SHORT)	450 X 2750	450 X 4500	450 X 7000



TECHNICAL SPECIFICATIONS

	TELESCOPIC		
MODEL	VSP-L-T 1500 (6-9-12 MT)		
LIFTING CAPACITY	1500 KG		
MAX.WORKPIECE DIMENSIONS	750 X 6000	750 X 9000	750 X 12000
MACHINE DIMENSIONS (LONG)	600 X 4750	600 X 7500	600 X 9000
MACHINE DIMENSIONS (SHORT)	600 X 2750	600 X 4500	600 X 7000



TECHNICAL SPECIFICATIONS

	TELESCOPIC		
MODEL	VSP-L-T 2000 (6-9-12 MT)		
LIFTING CAPACITY	2000 KG		
MAX.WORKPIECE DIMENSIONS	750 X 6000	750 X 9000	750 X 12000
MACHINE DIMENSIONS (LONG)	600 X 4750	600 X 7500	600 X 9000
MACHINE DIMENSIONS (SHORT)	600 X 2750	600 X 4500	600 X 7000



TECHNICAL SPECIFICATIONS

MODEL	VSP-PK 1000		
LIFTING CAPACITY	1000 KG		
MAX.WORKPIECE DIMENSIONS	1500 X 4000	2000 X 6000	2000 X 9000
MACHINE DIMENSIONS	1000 X 3000	1200 X 4500	2000 X 7000



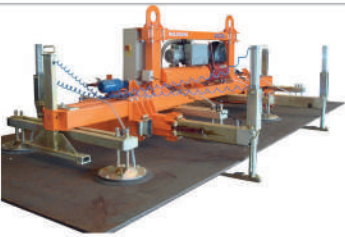
TECHNICAL SPECIFICATIONS

MODEL	VSP-PK 1500		
LIFTING CAPACITY	1500 KG		
MAX.WORKPIECE DIMENSIONS	1500 X 4000	2000 X 6000	2000 X 9000
MACHINE DIMENSIONS	1000 X 3000	1200 X 4500	2000 X 7000



TECHNICAL SPECIFICATIONS

MODEL	VSP-PK 2000		
LIFTING CAPACITY	2000 KG		
MAX.WORKPIECE DIMENSIONS	1500 X 4000	2000 X 6000	2000 X 9000
MACHINE DIMENSIONS	1000 X 3000	1200 X 4500	2000 X 7000



TECHNICAL SPECIFICATIONS

MODEL	VSP-PK 2500		
LIFTING CAPACITY	2500 KG		
MAX.WORKPIECE DIMENSIONS	1500 X 4000	2000 X 6000	2000 X 9000
MACHINE DIMENSIONS	1000 X 3000	1200 X 4500	2000 X 7000



TECHNICAL SPECIFICATIONS

MODEL	VSP-PK 5000		
LIFTING CAPACITY	5000 KG		
MAX.WORKPIECE DIMENSIONS	1500 X 4000	2000 X 6000	2000 X 9000
MACHINE DIMENSIONS	1000 X 3000	1200 X 4500	2000 X 7000



TECHNICAL SPECIFICATIONS

MODEL	VSP-PK-T 2500		
LIFTING CAPACITY	2500 KG		
MAX.WORKPIECE DIMENSIONS	1500 X 4000	2000 X 6000	2000 X 9000
MACHINE DIMENSIONS	1000 X 3000	1200 X 4500	2000 X 7000

Otomatik sac yükleme ve boşaltma sistemleri lazer kesim merkezleri, CNC punç makinaları CNC bükme merkezleri ve sac ebatlama hatlarında kullanılır. Standart imalatlarımızda 3000 kg ağırlığa kadar tam otomatik ve yarı otomatik sac yükleme veya boşaltma makinaları mevcuttur. Otomatik vakumla sac yüklemenin işletmelere önemli yararları işçilik maliyetinin azalması, iş kazası riskinin azalması ve ürünün yüzeyinde taşımadan dolayı çizilme gibi istenmeyen durumların önüne geçilmesidir.



HADDE FIRINI OTOMATİK SAC BESLEME 7,5 TON

AUTOMATIC-SEMI AUTOMATIC SHEET METAL LOADING AND UNLOADING SYSTEMS

Natsu Machine has standard and tailor-made solutions for the companies, which need sheet metal handling system by using Vacuum Technic. Automatic and semi automatic Sheet Metal Loading and Unloading systems have been designed for the standard type, also customer requirements. Our machines offer solutions for your following processes and systems.

- Laser cutting machines,
- Punching Machines,
- Bending machines,
- Sheet Metal Shearing systems.



12x3 M. 3 TON SACLARIN OTOMATİK BESLENMESİ



OTOMATİK VAKUMLA YÜKLEME VE BOŞALTMA SİSTEMLERİ



OTOMATİK VAKUMLA YÜKLEME VE BOŞALTMA SİSTEMLERİ



PLAZMA TEZGAHINA OTOMATİK VAKUMSAC İLE YÜKLEME

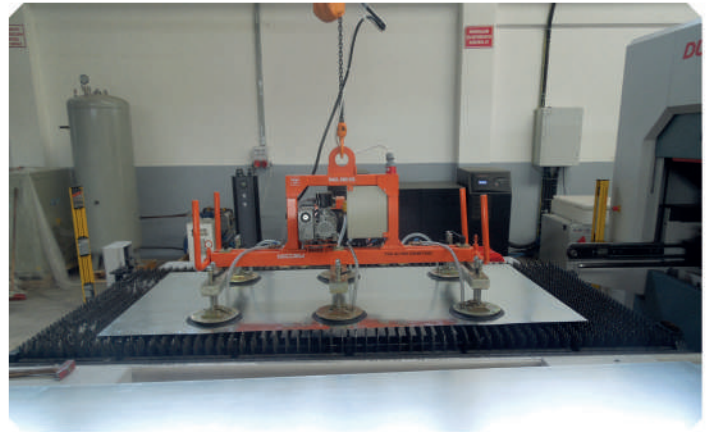


OTOMATİK VAKUMSAC İLE PASLANMAZ SAC KALİTE KONTROL

GEZER VİNÇTE KANCA ALTI TAK ÇALIŞTIR VAKUMLA SAC TAŞIMA SİSTEMLERİ

Lazer sac kesim tezgahlarına sac yükleme ve boşaltma aşamaları her zaman sorun yaratır. Bu sorunla başa çıkmak için tasarlanmış olan VAKUMSAC LAZER sistemleri verimli, uygun maliyetli ve güvenli bir yöntem sunmaktadır.

Eğer kesilecek sac paketleri işletme holunun çok farklı noktalarında ise KANCA ALTI VAKUMSAC kullanılmalıdır. KANCA ALTI VAKUMSAC'lar gezer vincin mapasına bağlanarak kullanılan son derece pratik TAK-ÇALIŞTIR Sistemleridir. Vakum pompaları kendi üzerinde olup Sadece elektrik bağlantısı sağlanır. Kullanıldıktan sonra elektrik fişi sökülerek ayakları üzerine bırakılır, gezer vinc ile diğer yükleme boşaltma işlemleri yapılabilir.

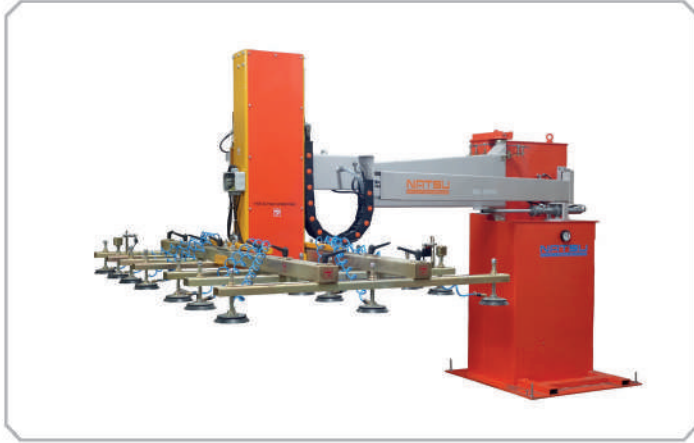
**PERGEL VİNÇTE VAKUMSAC SAC TAŞIMA SİSTEMLERİ**

Lazer kesim tezgahında kesilecek sac paketleri tezgahın yanlarında ise ve gezer vinç lazere yüklemede kullanılmak istenmiyorsa pergel vinçte VAKUMSAC idealdir. Lazer operatörü tek başına pergel vinç ile farklı noktadaki farklı kalınlık sacları VAKUMSAC ile alarak tezgaha yükleme yapabilir. Yine kesilmiş büyük ebat sacları VAKUMSAC'dan bazı vantuzları kapatarak boşaltma işlemine yapabilir. İstendiğinde boşaltma için tek vakum vantuzlu seri çalışan hafif pergelli combo vakum sistemlerinde yapılabilir. Pergel vinçlerin pergel profilleri soğuk çekme CEE profillerden yapıldığı için kullanımı son derece hafif ve kolaydır. Operatöre herhangi bir yük getirmez.



HANDLING SYSTEMS JIB CRANE VACUUM SHEET METAL

The sheet metal to be cut in laser cutting machine and laser packs next to the counter doesn't want to be in the overhead crane jib crane used in the installation of sheet metal vacuum is ideal. With the laser sheet metal taking with different thicknesses at different points vacuum sheet metal jib crane operator alone, can do the installation on the counter. Large size suction cups that will stay idle from vacuum sheet metal cut again by the closing of discharge. When you are prompted for unloading the vacuum system single vacuum suction may be done to the series pergelli running light combo. It is made from cold-drawn profiles profile for jib cranes jib e creeks use the latest, lightweight and easy. The operator does not impose any burden.

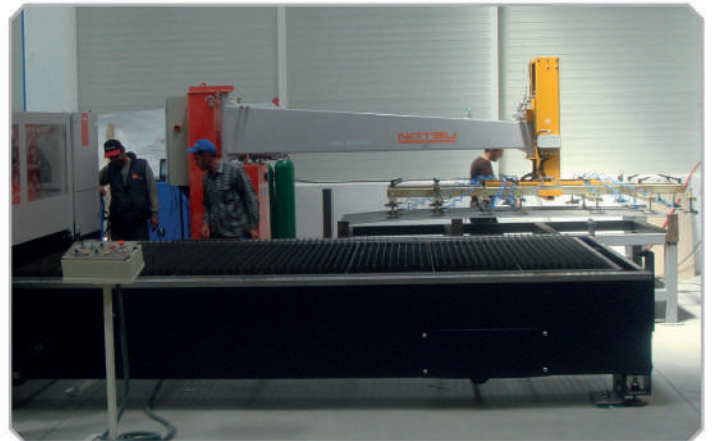


AUTOMATIC VACUUM LOADING SYSTEMS FOR LASER

Sheet metal automatic vacuum installation businesses are the most important benefits of the reduction of labor costs, and a reduced risk of work accidents like scratches from moving on the surface of the product to prevent unwanted situations

LAZER SAC KESİM TEZGAHLARINA VE SU JETİ KESİM TEZGAHLARINA YÜKLEME SİSTEMLERİ

Lazer kesim tezgahında kesilecek sac paketleri tezgahın yanlarında ise ve tezgah seri üretime çalışıyorsa Lazere kesim tezgahına otomatik vakumsac sistemi kurmak daha uygundur. İşletmenin çalışma şekline göre tek kollu döner otomatik yükleme sistemi veya yandan-arkadan lineer otomatik yükleme sistemi kurulabilir.



**LAZERE VAKUMLA SAC YÜKLEME****DAR SAÇLARI VAKUMLA KALDIRMA VE TAŞIMA****PLAZMA KESİM İÇİN VAKUMLA YÜKLEME SİSTEMLERİ****TEK SIRA - TELESKOPİK VAKUMLA SAC KALDIRMA****GEZER VİNÇTE KULLANIMA UYGUN VAKUMLA TAŞIMA SİSTEMLERİ****ALÜMİNYUM BLOKLARIN VAKUMLA TAŞINMASI****KANCAALTI VAKUMLA SAC KALDIRMA VE TAŞIMA SİSTEMLERİ****POZİTİF KİLİTLİ VAKUMLA TAŞIMA SİSTEMLERİ**



MOTORLU-GENİŞLİĞİ AYARLANABİLİR VAKUMLA SAC TAŞIMA



MOTORLU-GENİŞLİĞİ AYARLANABİLİR VAKUMLA 8000 KG KALDIRMA



22.500 KG SAÇLARIN VAKUMLA TAŞINMASI



TELESKOPİK VAKUMLA SAC KALDIRMA VE TAŞIMA SİSTEMLERİ



BÜYÜK SAÇLARIN VAKUMLA TAŞINMASI 8.500 KG



BÜYÜK SAÇLARIN VAKUMLA TAŞINMASI 16.500 KG

