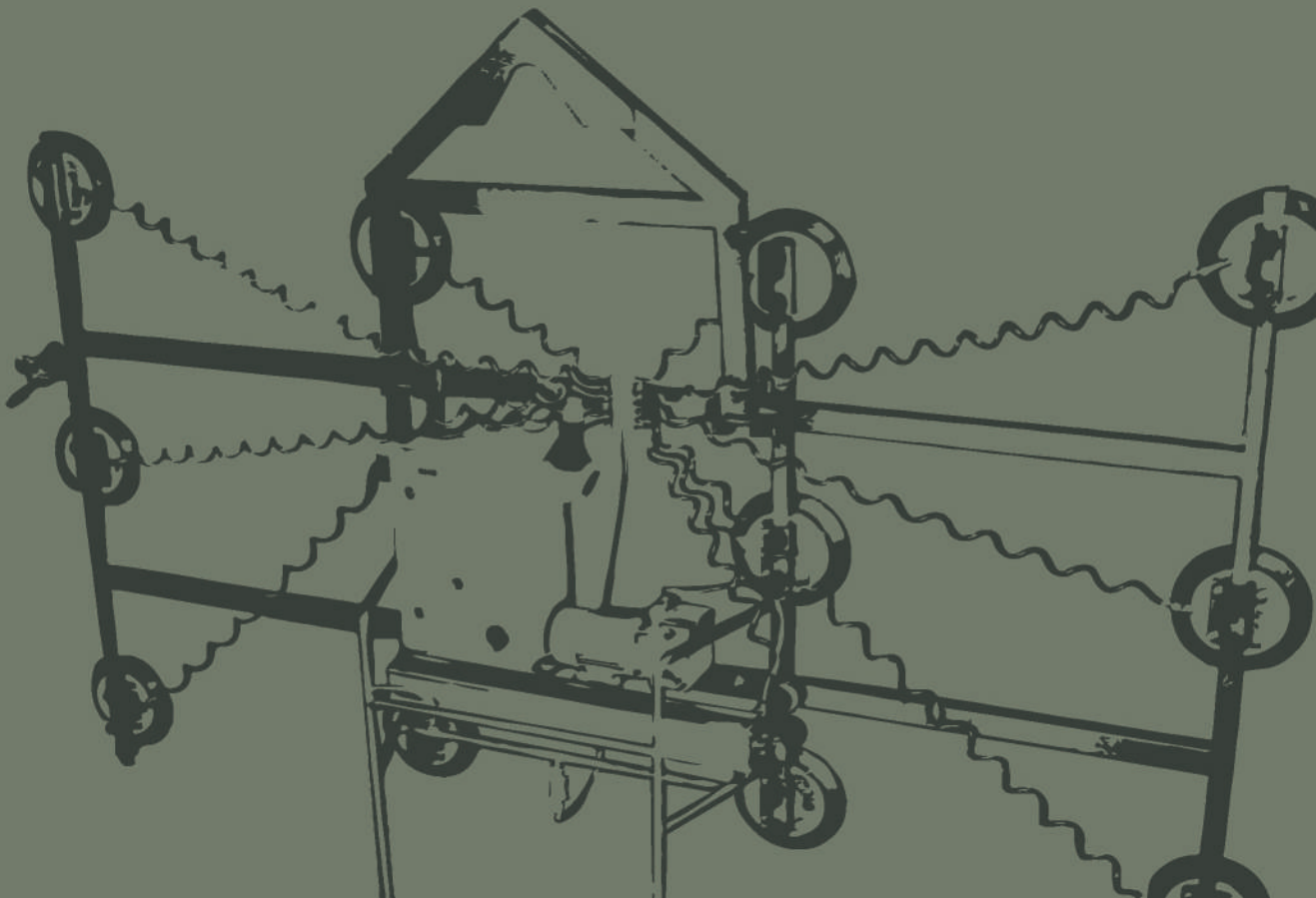




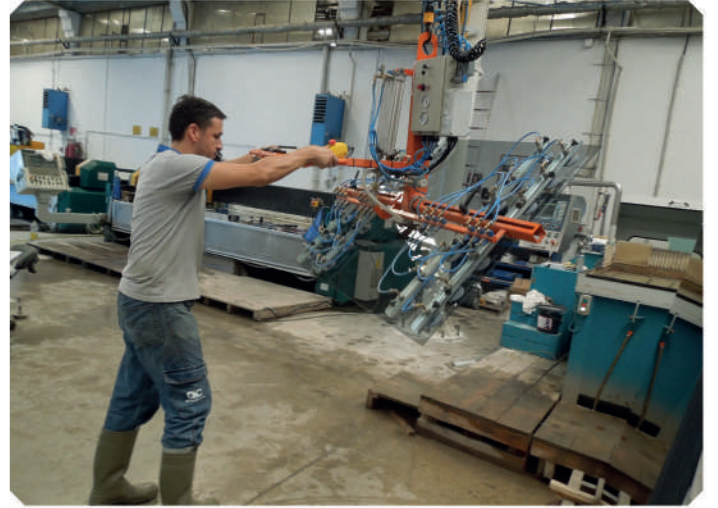
VAKUMCAM

VAKUMLA CAM KALDIRMA
VACUUM LIFTING SYSTEMS FOR GLASS



VAKUMCAM - VCM

Vakum Cam VCM Modeli büyük ebatlı camların taşınmasında kullanılan bir ekipmandır. Gezer köprü vince veya pergel vince takılabilir. İşletmelerin ısıcam hattı girişinde çıkışında, çapak alma makinası girişinde çıkışında büyük ebatlı dik yıkama makinası girişinde, çıkışında ve iç sirkülasyonunda kullanılan doğru ve güvenli bir ekipmandır.





Model Vacuum Glass VCM is equipment used to carry the glasses in wide dimensions. It can be fixed on a roller-crane or on the o jib crane. This machine is usually used in; Burring machine lines, Double glass production lines, Vertical washing lines.



OTOMATİK CAM YÜKLEME-BOŞALTMA MAKİNASI

Otomatik cam yükleme robotu rodaj makinasına paletten otomatik olarak cam verilmesi işlemini yapar. Palete dik konumdaki (1 sıra, 2 sıra veya 3 sıra) camlar, otomatik yükleme robotu önüne forkliftle konur. Operatör, operatör paneline bir sıra cam yüksekliğini yazar ve start verir. Otomatik cam yükleme robotu üst sıradan başlar aldığı camları yatık konuma getirerek kendi motorize konveyörüne bırakır. Motorize konveyör iki yönlü çalışır önce x yönünde camları düzeltir ve sonra y yönünde rodaj makinasına yönlendirir. Tüm bu işlemler 12 sn. de gerçekleşir. Maksimum cam boyu 2000 mm olabilmektedir. Yükseklik 1000 mm palete maksimum boy olan 2000 mm'yi geçmemek üzere yan yana daha küçük birden fazla cam koymak mümkündür.

**AUTOMATIC GLASS LOADING-UNLOADING SYSTEM**

Automatic glass loading machine takes the glasses from the pallets and feeds the rodaj machine. The glasses which are in upright position (1, 2 or 3 rows), are placed in front of the automatic loading robot by a forklift. The operator enters the glass height into the control panel and starts up the system. Automatic glass loading machine takes the glasses from the pallet and releases them on the conveyor. The motorized-conveyor works on 2 axes. After positioning the glass on the x-axis, the glass goes through y-axis to the rodaj machine. The entire process takes only 12 seconds. Max. workpiece dimensions 1000x2000mm.



VAKUMCAM

VCM SERIES



TECHNICAL SPECIFICATIONS

MODEL	VCM - 150			
LIFTING CAPACITY	150 KG			
VACUUM SYSTEM	ON REQUEST OPTIONAL			
	VACUUM PUMP		VACUUM EJECTOR (VENTURI)	
ROTATION	NONE			
TILT	NONE			
SYSTEM REQUIREMENT	ON REQUEST OPTIONAL			
	380V	220V	24V DC	COMPRESSED AIR
SAFETY SYSTEM	Non-return valves-vacuum gauge-vacuum reserve tank-individual shutoffs to all vacuum pads - audible and luminous safety warning- manuel slide valve with lock			
MIN. WORKPIECE DIMENSIONS	500 X 800			



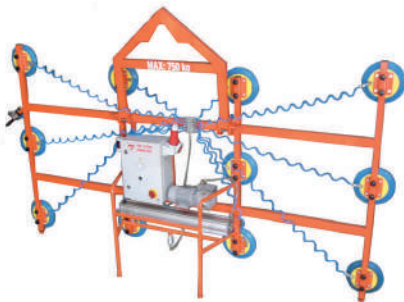
TECHNICAL SPECIFICATIONS

MODEL	VCM - 300			
LIFTING CAPACITY	300 KG			
VACUUM SYSTEM	ON REQUEST OPTIONAL			
	VACUUM PUMP		VACUUM EJECTOR (VENTURI)	
ROTATION	NONE			
TILT	NONE			
SYSTEM REQUIREMENT	ON REQUEST OPTIONAL			
	380V	220V	24V DC	COMPRESSED AIR
SAFETY SYSTEM	Non-return valves-vacuum gauge-vacuum reserve tank-individual shutoffs to all vacuum pads - audible and luminous safety warning- manuel slide valve with lock			
MIN. WORKPIECE DIMENSIONS	800 X 800			



TECHNICAL SPECIFICATIONS

MODEL	VCM - 600			
LIFTING CAPACITY	600 KG			
VACUUM SYSTEM	ON REQUEST OPTIONAL			
	VACUUM PUMP		VACUUM EJECTOR (VENTURI)	
ROTATION	NONE			
TILT	NONE			
SYSTEM REQUIREMENT	ON REQUEST OPTIONAL			
	380V	220V	24V DC	COMPRESSED AIR
SAFETY SYSTEM	Non-return valves-vacuum gauge-vacuum reserve tank-individual shutoffs to all vacuum pads - audible and luminous safety warning- manuel slide valve with lock			
MIN. WORKPIECE DIMENSIONS	1250 X 2000			



TECHNICAL SPECIFICATIONS

MODEL	VCM - 750			
LIFTING CAPACITY	750 KG			
VACUUM SYSTEM	ON REQUEST OPTIONAL			
	VACUUM PUMP		VACUUM EJECTOR (VENTURI)	
ROTATION	NONE			
TILT	NONE			
SYSTEM REQUIREMENT	ON REQUEST OPTIONAL			
	380V	220V	24V DC	COMPRESSED AIR
SAFETY SYSTEM	Non-return valves-vacuum gauge-vacuum reserve tank-individual shutoffs to all vacuum pads - audible and luminous safety warning- manuel slide valve with lock			
MIN. WORKPIECE DIMENSIONS	1500 X 2000			

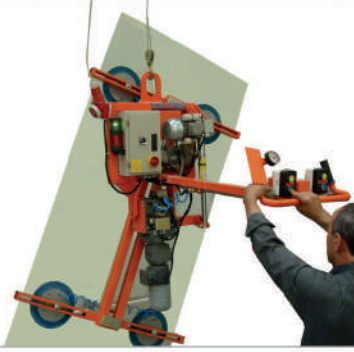


TECHNICAL SPECIFICATIONS

MODEL	VCM - MR - 180 / 300			
LIFTING CAPACITY	300 KG			
VACUUM SYSTEM	ON REQUEST OPTIONAL			
	VACUUM PUMP		VACUUM EJECTOR (VENTURI)	
ROTATION	MANUAL ROTATION-180°			
TILT	NONE			
SYSTEM REQUIREMENT	ON REQUEST OPTIONAL			
	380V	220V	24V DC	COMPRESSED AIR
SAFETY SYSTEM	Non-return valves-vacuum gauge-vacuum reserve tank-individual shutoffs to all vacuum pads - audible and luminous safety warning- manuel slide valve with lock			
MIN. WORKPIECE DIMENSIONS	800 X 800			

VAKUMCAM

VCM SERIES



TECHNICAL SPECIFICATIONS

MODEL	VCM - PRT - 360 / 200			
LIFTING CAPACITY	200 KG			
VACUUM SYSTEM	ON REQUEST OPTIONAL			
	VACUUM PUMP		VACUUM EJECTOR (VENTURI)	
ROTATION	POWER DRIVEN ROTATION - 360°			
TILT	POWER DRIVEN TILTING - 90°			
SYSTEM REQUIREMENT	ON REQUEST OPTIONAL			
	380V	220V	24V DC	COMPRESSED AIR
SAFETY SYSTEM	Non-return valves-vacuum gauge-vacuum reserve tank-individual shutoffs to all vacuum pads - audible and luminous safety warning- manuel slide valve with lock			
MIN. WORKPIECE DIMENSIONS	800 X 1600			



TECHNICAL SPECIFICATIONS

MODEL	VCM - PT 90 / 500			
LIFTING CAPACITY	500 KG			
VACUUM SYSTEM	ON REQUEST OPTIONAL			
	VACUUM PUMP		VACUUM EJECTOR (VENTURI)	
ROTATION	NONE			
TILT	POWER DRIVEN TILTING - 90°			
SYSTEM REQUIREMENT	ON REQUEST OPTIONAL			
	380V	220V	24V DC	COMPRESSED AIR
SAFETY SYSTEM	Non-return valves-vacuum gauge-vacuum reserve tank-individual shutoffs to all vacuum pads - audible and luminous safety warning- manuel slide valve with lock			
MIN. WORKPIECE DIMENSIONS	600 X 2000			



TECHNICAL SPECIFICATIONS

MODEL	VCM - PRT - 90 / 250			
LIFTING CAPACITY	250 KG			
VACUUM SYSTEM	ON REQUEST OPTIONAL			
	VACUUM PUMP		VACUUM EJECTOR (VENTURI)	
ROTATION	POWER DRIVEN ROTATION - 90°			
TILT	POWER DRIVEN TILTING - 90°			
SYSTEM REQUIREMENT	ON REQUEST OPTIONAL			
	380V	220V	24V DC	COMPRESSED AIR
SAFETY SYSTEM	Non-return valves-vacuum gauge-vacuum reserve tank-individual shutoffs to all vacuum pads - audible and luminous safety warning- manuel slide valve with lock			
MIN. WORKPIECE DIMENSIONS	800 X 1600			



TECHNICAL SPECIFICATIONS

MODEL	VCM - MR - 180 / 500			
LIFTING CAPACITY	500 KG			
VACUUM SYSTEM	ON REQUEST OPTIONAL			
	VACUUM PUMP		VACUUM EJECTOR (VENTURI)	
ROTATION	MANUAL ROTATION-180°			
TILT	NONE			
SYSTEM REQUIREMENT	ON REQUEST OPTIONAL			
	380V	220V	24V DC	COMPRESSED AIR
SAFETY SYSTEM	Non-return valves-vacuum gauge-vacuum reserve tank-individual shutoffs to all vacuum pads - audible and luminous safety warning- manuel slide valve with lock			
MIN. WORKPIECE DIMENSIONS	500 X 1500			



TECHNICAL SPECIFICATIONS

MODEL	VCM - PR - 350 / 150			
LIFTING CAPACITY	150 KG			
VACUUM SYSTEM	ON REQUEST OPTIONAL			
	VACUUM PUMP		VACUUM EJECTOR (VENTURI)	
ROTATION	POWER DRIVEN ROTATION - 360°			
TILT	NONE			
SYSTEM REQUIREMENT	ON REQUEST OPTIONAL			
	380V	220V	24V DC	COMPRESSED AIR
SAFETY SYSTEM	Non-return valves-vacuum gauge-vacuum reserve tank-individual shutoffs to all vacuum pads - audible and luminous safety warning- manuel slide valve with lock			
MIN. WORKPIECE DIMENSIONS	1000 X 2000			

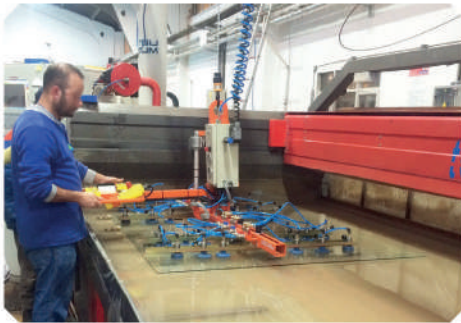
VAKUMCAM

VCM SERIES



TECHNICAL SPECIFICATIONS

300 X 600	VCM - AR - 90 / 150			
LIFTING CAPACITY	150 KG			
VACUUM SYSTEM	ON REQUEST OPTIONAL			
	VACUUM PUMP		VACUUM EJECTOR (VENTURI)	
ROTATION	PNEUMATICALLY ROTATION 90°			
TILT	NONE			
SYSTEM REQUIREMENT	ON REQUEST OPTIONAL			
	380V	220V	24V DC	COMPRESSED AIR
SAFETY SYSTEM	Non-return valves-vacuum gauge-vacuum reserve tank-individual shutoffs to all vacuum pads - audible and luminous safety warning- manuel slide valve with lock			
MIN. WORKPIECE DIMENSIONS	300 X 600			



TECHNICAL SPECIFICATIONS

MODEL	VCM - RT 100			
LIFTING CAPACITY	100 KG			
VACUUM SYSTEM	ON REQUEST OPTIONAL			
	VACUUM PUMP		VACUUM EJECTOR (VENTURI)	
ROTATION	NONE			
TILT	HYDRO-PNEUMATIC TILTING 90°			
SYSTEM REQUIREMENT	ON REQUEST OPTIONAL			
	380V	220V	24V DC	COMPRESSED AIR
SAFETY SYSTEM	Non-return valves-vacuum gauge-vacuum reserve tank-individual shutoffs to all vacuum pads - audible and luminous safety warning- manuel slide valve with lock			
MIN. WORKPIECE DIMENSIONS	2000 X 3000			



TECHNICAL SPECIFICATIONS

MODEL	VCM - PRT - 360 / 300			
LIFTING CAPACITY	300 KG			
VACUUM SYSTEM	ON REQUEST OPTIONAL			
	VACUUM PUMP		VACUUM EJECTOR (VENTURI)	
ROTATION	POWER DRIVEN ROTATION - 360°			
TILT	POWER DRIVEN TILTING - 90°			
SYSTEM REQUIREMENT	ON REQUEST OPTIONAL			
	380V	220V	24V DC	COMPRESSED AIR
SAFETY SYSTEM	Non-return valves-vacuum gauge-vacuum reserve tank-individual shutoffs to all vacuum pads - audible and luminous safety warning- manuel slide valve with lock			
MIN. WORKPIECE DIMENSIONS	500 x 600			



TECHNICAL SPECIFICATIONS

MODEL	VCM - PRT - 360 / 500			
LIFTING CAPACITY	500 KG			
VACUUM SYSTEM	ON REQUEST OPTIONAL			
	VACUUM PUMP		VACUUM EJECTOR (VENTURI)	
ROTATION	POWER DRIVEN ROTATION - 360°			
TILT	POWER DRIVEN TILTING - 90°			
SYSTEM REQUIREMENT	ON REQUEST OPTIONAL			
	380V	220V	24V DC	COMPRESSED AIR
SAFETY SYSTEM	Non-return valves-vacuum gauge-vacuum reserve tank-individual shutoffs to all vacuum pads - audible and luminous safety warning- manuel slide valve with lock			
MIN. WORKPIECE DIMENSIONS	1000 x 1500			



VAKUMAT

ASD
LAMINAT

LORNEDECOR®

ASPEN
YAPI VE ZEMİN

Esselte
LEITZ

AGT®
FURNITURE COMPONENTS

TEPE BETOPAN

amcor

sofito®

ASD
LAMINAT

ARIN
DUMAN BÜNKLEİ

MÖB



MÖB

ARIN
DUMAN BÜNKLEİ

sofito®

LORNEDECOR®

ASPEN
YAPI VE ZEMİN

TEPE BETOPAN

Esselte
LEITZ

ASD
LAMINAT

amcor

AGT®
FURNITURE COMPONENTS

Esselte
LEITZ

VAKUMAT

VAKUMLA AHŞAP KALDIRMA

VACUUM LIFTING SYSTEMS FOR MDF/LAMINA/WOOD/PLYWOOD



VAKUMAT WOOD KALAS, TAHTA TAĖIMA

Düzgün yüzeyli veya çok fazla çarpıklık, bozukluk olmayan kalasların ve tahtaların vakumla güvenli bir şekilde kaldırılmasını sağlayan cihazdır. Vakum vantuzları kalas üzerindeki hafif eğrilikleri tolere edebilecek şekilde yükseklik kompensatörlü yapılmıştır. Atölye veya fabrikalarda pergel vinç veya köprülü vinç takılarak kullanılmaktadır. Cihazın çalışması için sadece elektrik gereksinimi vardır. Sadece bir kişi tarafından kullanılabilir. 250 - 500 kg. arasında taşıma kapasitesine sahiptir.

VAKUMAT WOOD	VANTUZ Suction Plates	TAĖIYABİLECEĞİ EN BÜYÜK PARÇA EBADI (mm) Max. Dimensions	TAĖIYABİLECEĞİ EN KÜÇÜK PARÇA EBADI (mm) Min. Dimensions	KALDIRMA KAPASİTESİ Lifting Capacity	YÜKSEKLİK (mm) Height	EN (mm)	BOY (mm)
VMTW-200	2	6000x400	1400x130	200 kg.	420	300	4740
VMTW-400	4	6000x500	1400x240	400 kg.	420	300	4740

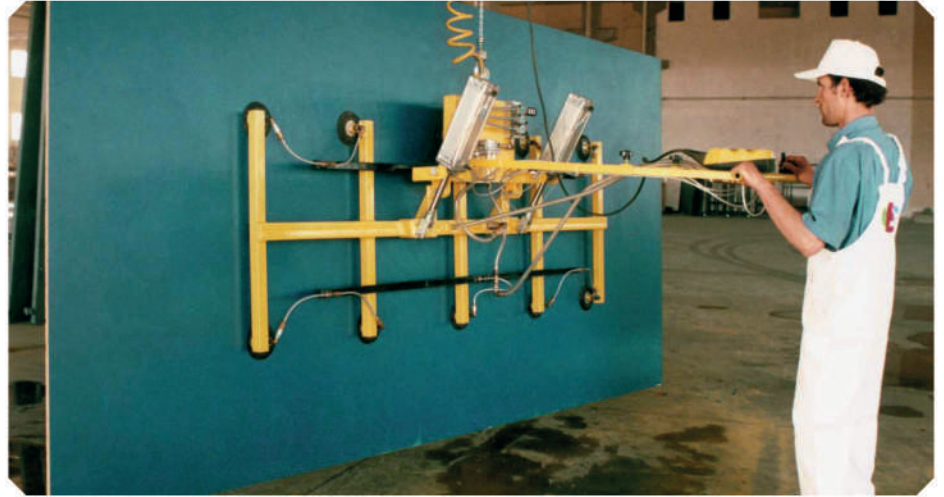


PLANK, WOOD CARRYING

This device provides you to handle undistorted planks and woods safely. Suction cups are produced with a height-compensator in order to tolerate slight crookednesses on the planks. It is used with portal cranes or jib cranes in workshops and factories. You just need electricity to run this device. It can be operated by a single person. It has a carrying capacity of 250-500 kgs.

VAKUMAT LAM SUNTALAM, LAMİNANT, MDF TAĖIMA

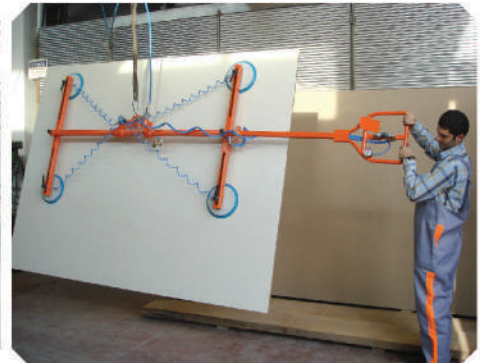
Suntalam, mdf lam, laminant, plastik ve kaplanmış aĖsap plakaları yatay veya dikey taşımak için kullanılır. Dik olarak depolanmış raflardan malzemeyi alıp dik yada yatay olarak testere tezgahına yükleme yapılabilir. Yatay ve ya dikey (90°) pozisyonda kitleme yapılabilir. Taşıma kapasitesi 250-500 kg. arasındadır. Atölye veya fabrikalarda pergel vinç veya gezer köprülü vinç takılarak kullanılır. Cihazın çalışması için sadece basınçlı hava gereklidir. Bir kişi tarafından kullanılır.



MELAMINE FACED CHIPBOARD, LAMINA, MDF CARRYING

It is used to carry melamine faced chipboards, MDFs, coated wooden plates either horizontally or vertically. Vertically stocked materials can be picked up from the shelves and transposed to a sawhorse either vertically or horizontally. It can be locked up on either horizontally or vertically (90°) position. Carrying capacity is between 250-500 kgs.

VAKUMAT LAM	VANTUZ Suction Plates	TAĖIYABİLECEĞİ EN BÜYÜK PARÇA EBADI (mm) Max. Dimensions	TAĖIYABİLECEĞİ EN KÜÇÜK PARÇA EBADI (mm) Min. Dimensions	KALDIRMA KAPASİTESİ Lifting Capacity	YÜKSEKLİK (mm) Height	EN (mm)	BOY (mm)
VMT L-250	4	5200x2400	1000x600	250 kg.	300	1330	2150
VMT L-500	6	5200x2400	1000x600	500 kg.	300	1330	2150



VMT L Dik olarak depolanmış dar raflardan parça almak için uygun çözümler sunar

VAKUMAT POROUS GÖZENEKLİ ve HAVA GEÇİRGEN ÜRÜN TAŞIMA

400 kg'a kadar büyük ebatlı gözenekli hava geçirgen sunta veya kaplanmış ahşap ürünler ile suntalam, laminant, OSB, MDF, alçıpan, plastik plakaların yatay veya dikey taşınmasına uygun bir makinedir. Yatay-Dikey hareket motor tahrikli lineer aktüatör ile sağlanmaktadır. Kumanda kolu üzerindeki butonlarla yatay ve dikey hareket sağlanır. Vakum valfi kumanda kolu üzerindedir.

VAKUMAT PORUS	VANTUZ Suction Plates	TAŞIYABİLECEĞİ EN BÜYÜK PARÇA EBADI (mm) Max. Dimensions	TAŞIYABİLECEĞİ EN KÜÇÜK PARÇA EBADI (mm) Min. Dimensions	KALDIRMA KAPASİTESİ Lifting Capacity	YÜKSEKLİK (mm) Height	EN (mm)	BOY (mm)
VMT P-250	2	5500x2000	2200x900	200 kg.	1100	800	2100
VMT P-400	3	5500x2000	2200x900	400 kg.	1100	800	2100
VMT P-250-90	2	5500x2000	2200x900	200 kg.	1100	800	2100
VMT P-400-90	3	5500x2000	2200x900	400 kg.	1100	800	2100



POROUS AND AIR-PERMEABLE PRODUCT CARRYING

An appropriate machine to carry porous and air-permeable chipboards or coated wooden products up to 400 kg and melamine faced chipboards, lamina, OSB, MDF, sheetrocks, plastic plates either vertically or horizontally. Vertical and horizontal movement is provided by a motor powered linear activator. The buttons on the control unit are used for the movement. The vacuum valve is on the control unit.

ÜRÜNÜ 90° DÖNDÜREBİLME OLANAĞI



Üretimin çeşitli kademelerinde, hatta yükleme yapma veya hattan ürünlerin paletle boşaltılması amacı ile kullanılır.

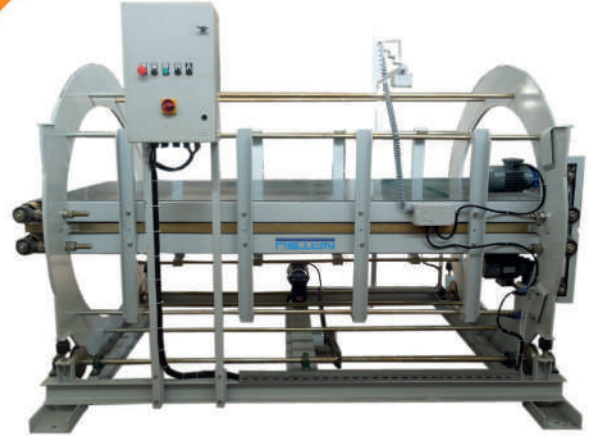


OTOMATİK PANEL İSTİF MAKİNESİ

OTOMATİK MDF-SUNTA-SUNTALAM PANEL ÇEVİRME MAKİNESİ

Panel üretim tesislerinde panellerin ters yüzlerinde yapılacak işlemler için çevirme gerektiğinde hat üzerinde otomatik olarak çalışan bir makinedir.

Natsu panel çevirme ürünlere zarar vermeden çok seri bir şekilde çevirme işlemini gerçekleştirir. Sistem tam otomatik olarak çalışır.



NATSU HORTUM LU KALDIRICI İLE AHŞAP KAPI-PANEL- SUNTA- MDF KALDIRMA VE TAŞIMA

NATSU Hortumlu kaldırıcı ile ahşap paneller mdf, sunta veya sunta paneller çok rahatlıkla tek bir eleman tarafından kaldırılıp taşınabilir. Hafif CEE pergel vinçlerde çalışan hortumlu kaldırıcılar ile elemana hiçbir yük getirmeden sadece kumanda valfi ile kontrol edilerek panellerin kaldırılması sağlanır.

