

## Features

- Long service life through use of high-quality materials
- Either electric or pneumatic vacuum pump
- Acoustic safety warning system, incl. rechargeable battery
- Individually configured suction circular blank



SLEWING

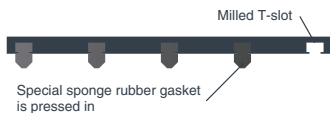
SERIES  
VSL



EACH SPECIAL  
SOLUTION CAN  
BE INDIVIDUALLY  
ADAPTED!



Slewing occurs either via a high-quality pneumatic cylinder or an electric linear drive (ELD)



Suction plate with unique special seal, compensates minor unevenness



**SLEWING**



Easy-to-operate control system

## Application

tim®LIFT vacuum slewing lifters / coil lifters are designed for gentle and convenient transport, and for slewing of slit strips. Our systems offer simple and economic handling. Only one person is necessary for operation.

The vacuum is generated either pneumatically by a multi-stage TIVAtec vacuum pump or alternatively electrically. For this model, the slewing function is executed via two pneumatic cylinders.

Depending on the individual requirements, a different number of multiple chambers is possible; from which each chamber can be regulated individually via a ball valve. In conjunction with the warning signal, the integrated vacuum accumulator offers the highest level of safety. The current level of the vacuum can be monitored directly at any time via the vacuum meter. If a leak occurs a warning signal sounds. Outstanding leak-tightness is achieved through use of a special seal.

## Other features

- Solid, welded frame construction
- Pneumatic or electric vacuum generator with high efficiency
- Individually configured suction circular blank
- Slewing movement 90° through 2 high-quality pneumatic cylinders
- Acoustic safety warning system, incl. rechargeable battery
- Operation through pushbuttons: One button for vacuum generation, slewing "forward" and "back"; two buttons (pressed simultaneously) = release procedure
- Vacuum meter, vacuum tank with check valve
- On request, also with integrated compressor

## Technical data

These systems are individually adapted to your requirements. The systems are manufactured in accordance with precisely defined parameters.

### TA-VSL-500

For slewing of vacuum-tight coils of slit strips:

Ø inner : 300 mm  
Load capacity : Up to 500 kg  
Ø outer : 1,200 mm



**SLEWING**



**UP TO  
500 kg**

### TA-VSL-220

For slewing of vacuum-tight coils of slit strips:

Ø inner : 520 mm  
Load capacity : Up to 220 kg  
Ø outer : 1,230 mm  
Minimum : 200 mm  
contact surface



**SLEWING**



**UP TO  
220 kg**



**TA-VHL-500**

For transport of vacuum-tight coils of aluminium slit strips:  
Load capacity : Up to 500 kg

**LIFTING****UP TO  
500 kg**

External vacuum generator unit

**TA-VSL-1400 weight detection**

For slewing of vacuum-tight coils of slit strips.  
NEW: With weight detection, a load cell detects whether the lifted weight and the connected suction chambers are compatible.

Ø inner : 400 mm  
Load capacity : Up to 1,400 kg  
Ø outer : 1,800 mm

**SLEWING****UP TO  
1.400 kg****NEW**