



Vaculex

WORKING WITH EASE

 **piab** group

# Product Knowledge

How does it work?

We "pump" out the air with electric vacuum pump or ejector pump (compressed air)

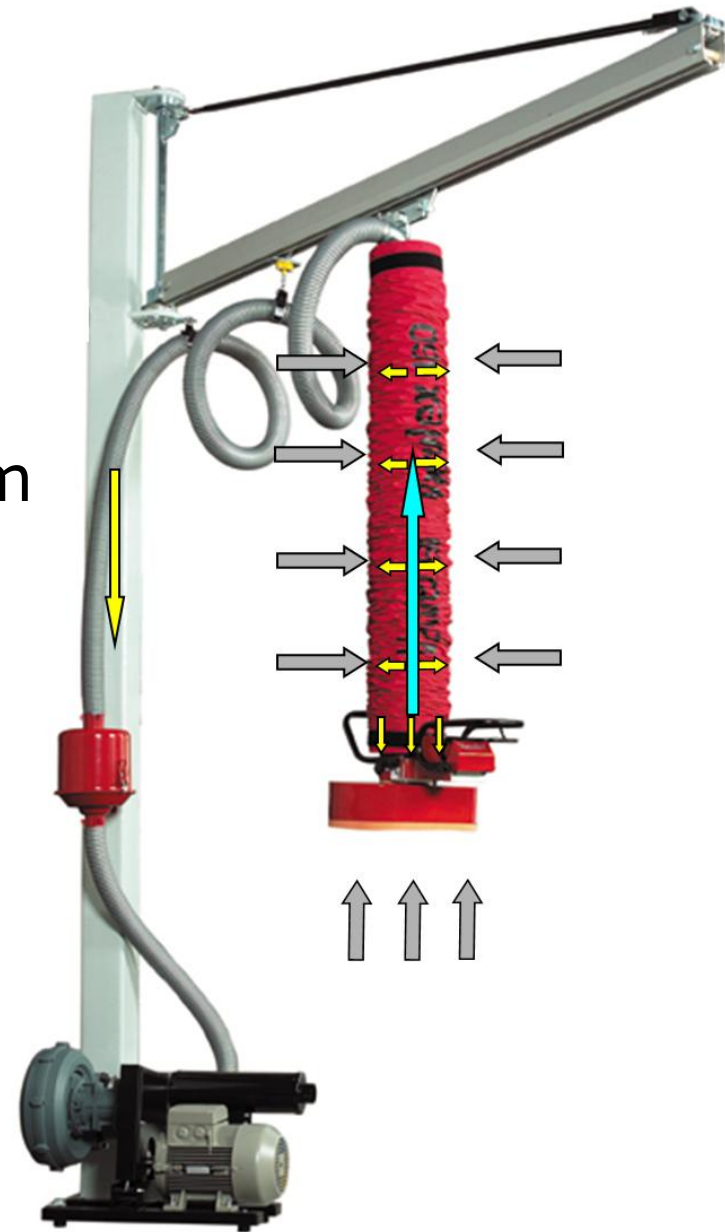
我们利用机械泵或者真空发生器的方式将空气抽走

This creates lower pressure in the lift tube when a suction foot is placed on an object (airtight)

当吸具放在物体上时形成密闭空间，就会在提升管道上形成真空；

The difference in pressure make the tube contract vertically.

由于压力的不同使得管道向上运动；





# Vaculex TP

# Vaculex TP

EXPRESS HANDLING – UP TO 65 KG

- Quick and Easy to Use
- One Handed Operation
- Ideal for **boxes, drums and bags**
- Available in stainless steel

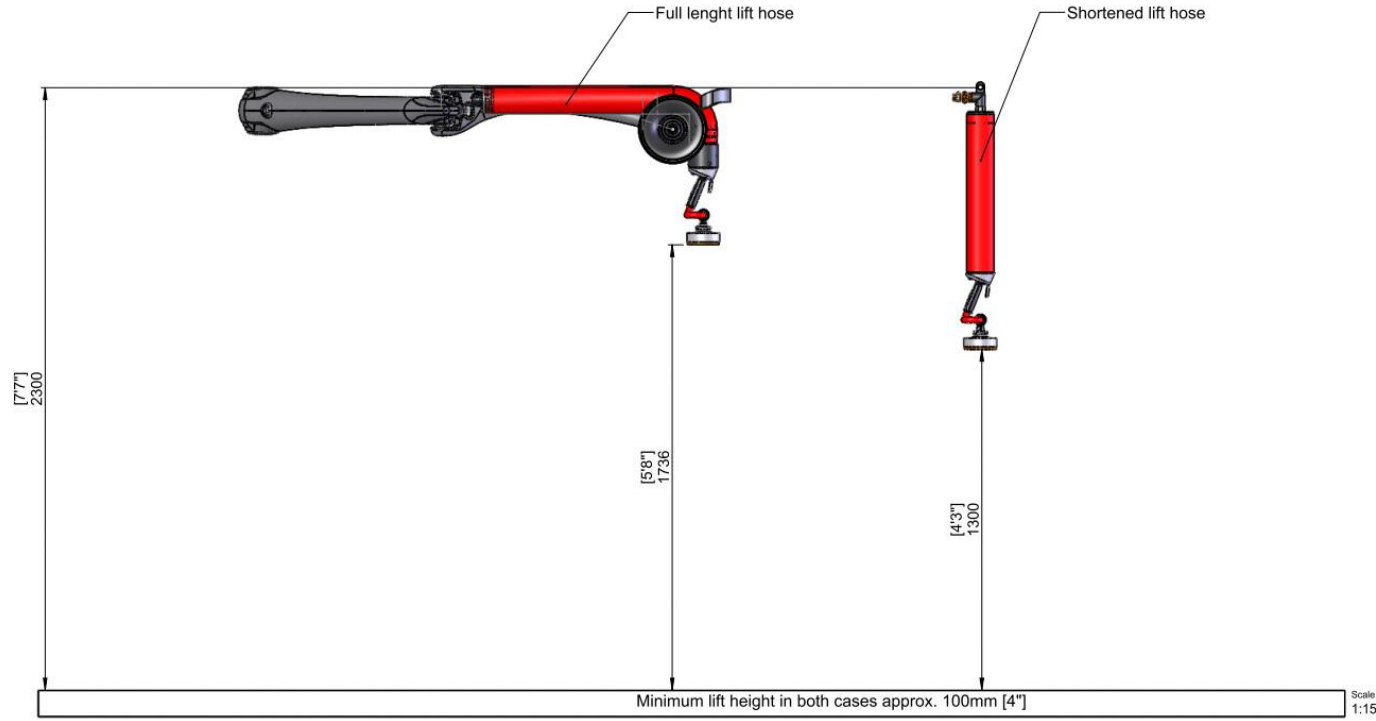




# Vaculex TPH Low Headroom

Patented solution. Can achieve full lifting height in areas with ceiling height as low as 2.5m

专利解决方案。在天花板高度低至2.5米的情况下也可以充分提升



TPH Carbon Fiber



TPH Trolley

# Vaculex VL

THE VERSATILE LIFTER – UP TO 200KG

- An ergonomic lifting solution for any industry  
适应任何行业的，符合人体功能学的抓取方案
- Can lift multiple objects at once  
一次可以抓取多个物体
- Rotates and tilts the load  
可旋转和倾斜物体
- Lifts almost anything up to 200 kg  
几乎可以抓取200kg以内的任何物体
- Available in EX/ATEX
- Available in stainless steel



boxes, sacks, bags, windows, metal sheets, stone slabs, drums, barrels, cans, white goods etc



# Vaculex BaggageLift

THE ULTIMATE SOLUTION FOR  
BAGGAGE HANDLING



- Easy operation with one hand
- Lifts all types of bag to 45Kg
- Rotates 360°
- Grips from the side







London Heathrow Airport, T2 伦敦，希斯罗机场



# Vaculex ParceLift





# Vaculex ML (Microlex)

Loads: 5 – 70 kg

Control: One hand operation

Typical applications:

- Parts in Automotive Industry  
汽车行业的零部件
- Glass screens  
玻璃屏
- Jerry Cans  
简便油桶
- Small multiple objects  
小的多个物体
- Crates in plastic or metal  
塑料或者金属板条箱

Available in stainless steel



# Vaculex TS

Loads: 5 – 70 kg

Control: Two hand operation with fixed angled handle creates stability  
双手操作固定了角度的把手使得操作稳定

Ergonomic stacking of low to very high objects  
符合人体功能学的，从低到很高的码垛

Typical applications:

- Card board boxes 纸板箱





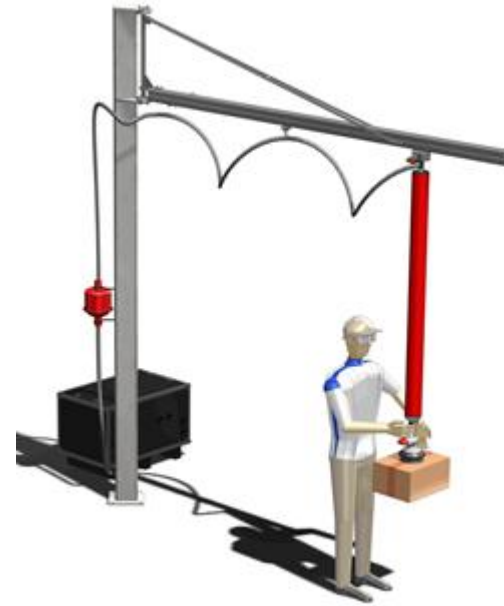
# Vaculex Overhead Systems



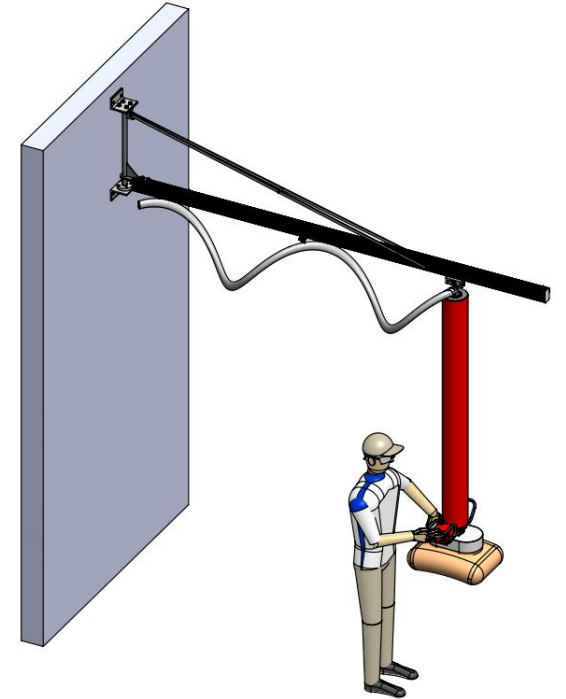
# Over head systems

## Slewing Jib Cranes 可旋转提升臂

- Can be supported from floors or from walls. 可以在地板上或者墙上作支撑
- Suits slow and medium rapid handling. 可适合慢速中速或者快速的抓取
- Low investment 投资较低
- Standard sizes available 1-5M 标准1-5m的悬臂
- Available in stainless steel

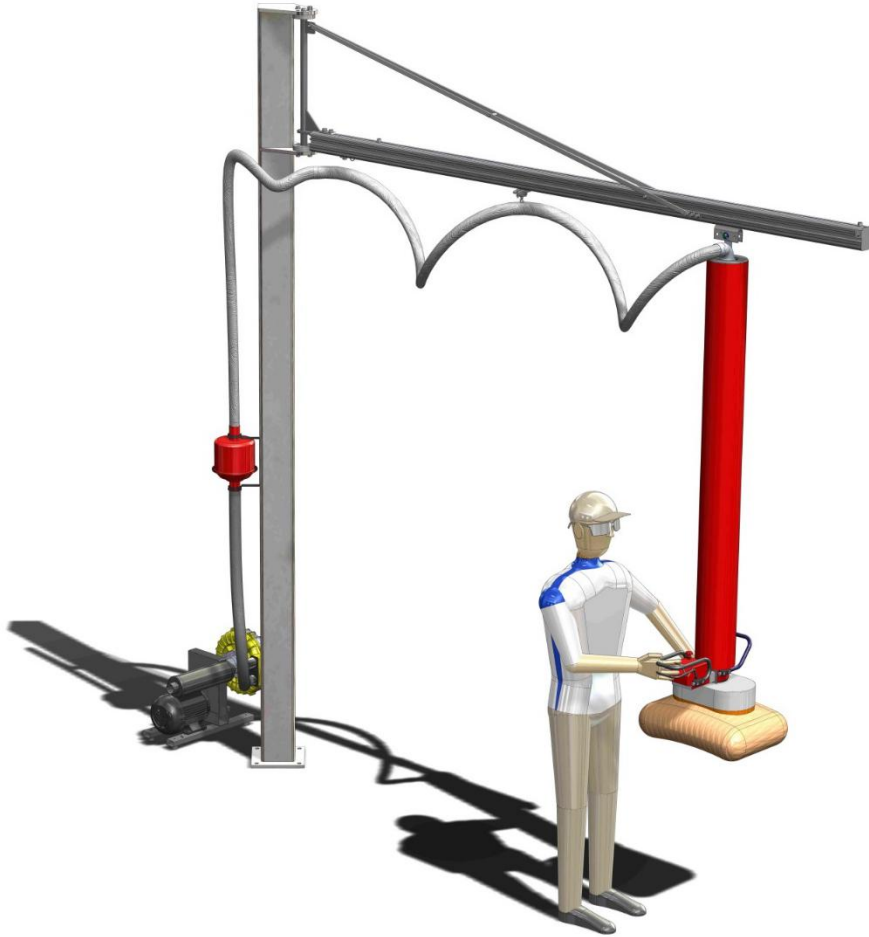


Pillar mounted



Wall mounted

# Typical applications

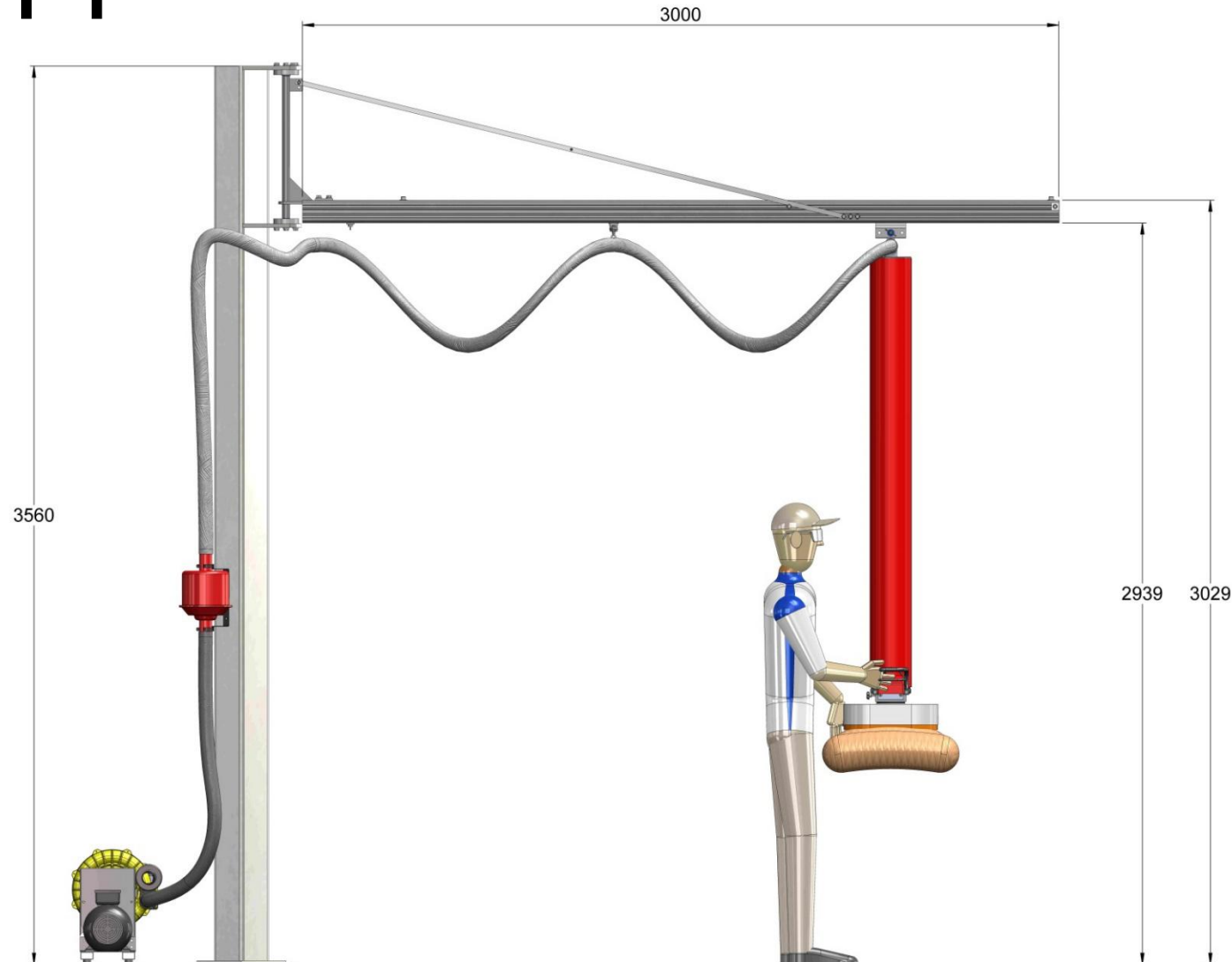


Pillar jib crane with  
VL system for sacks

Application: 25 - 50 kg sacks



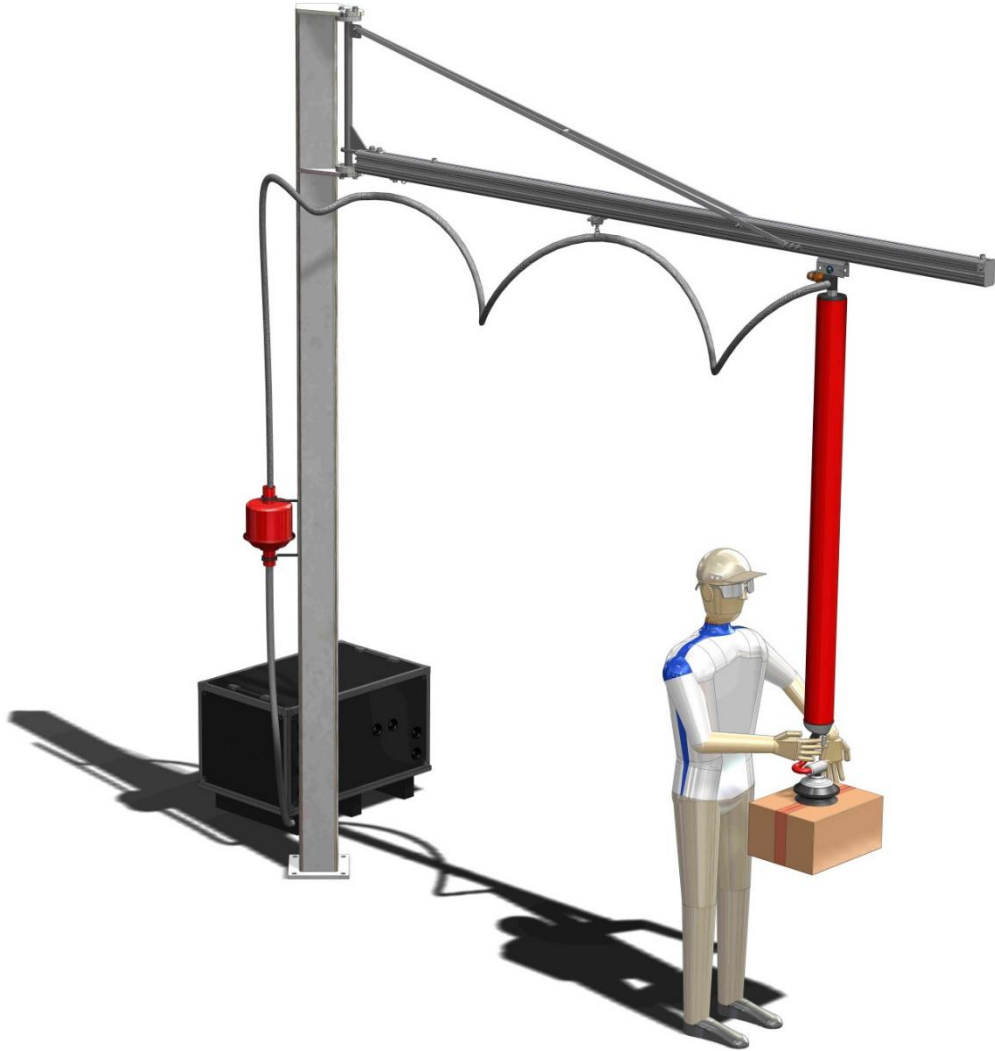
# Typical applications



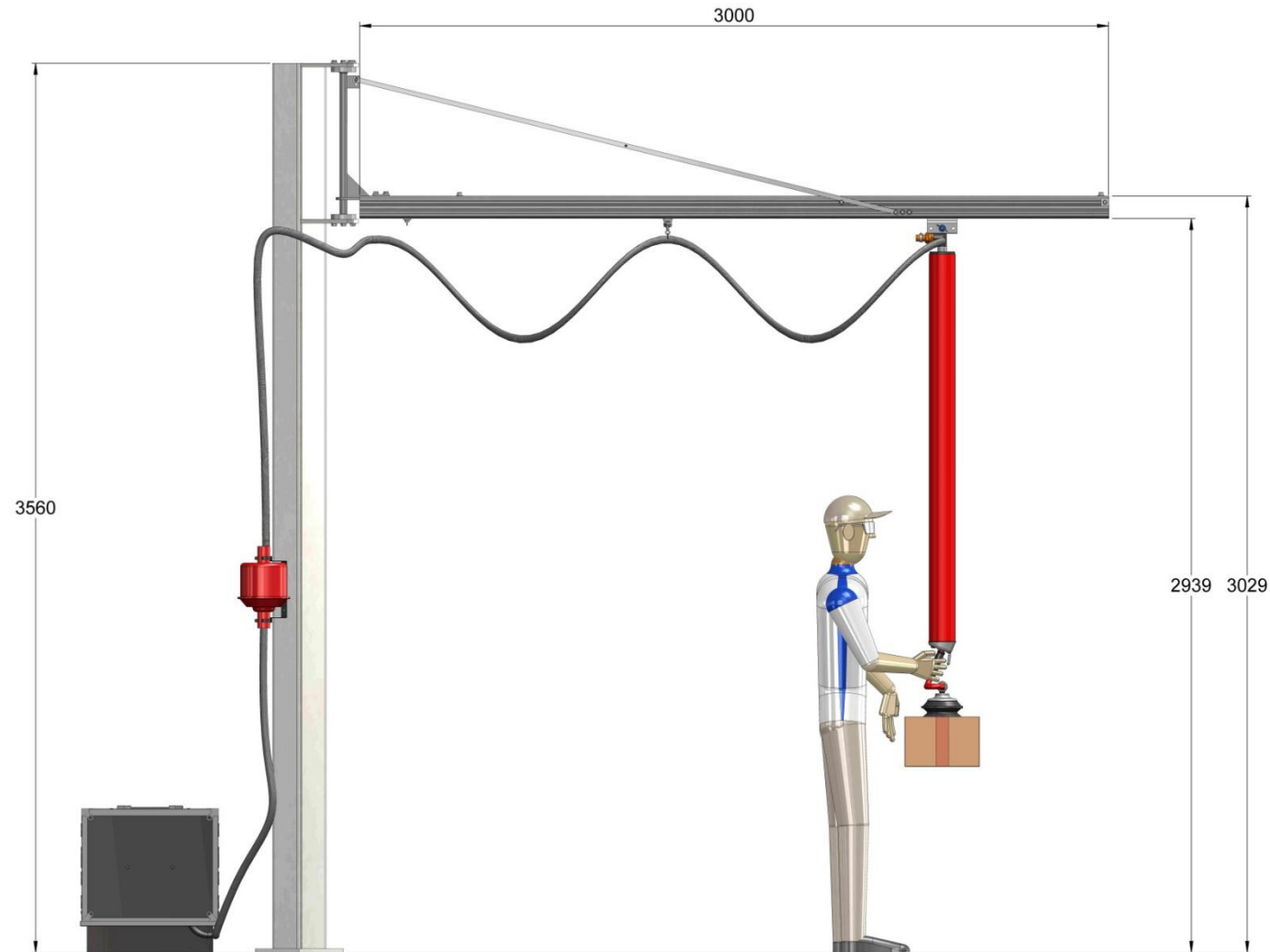
# Typical applications

## Pillar jib crane with TP system for boxes

Application: boxes up to 45 kg



# Typical applications

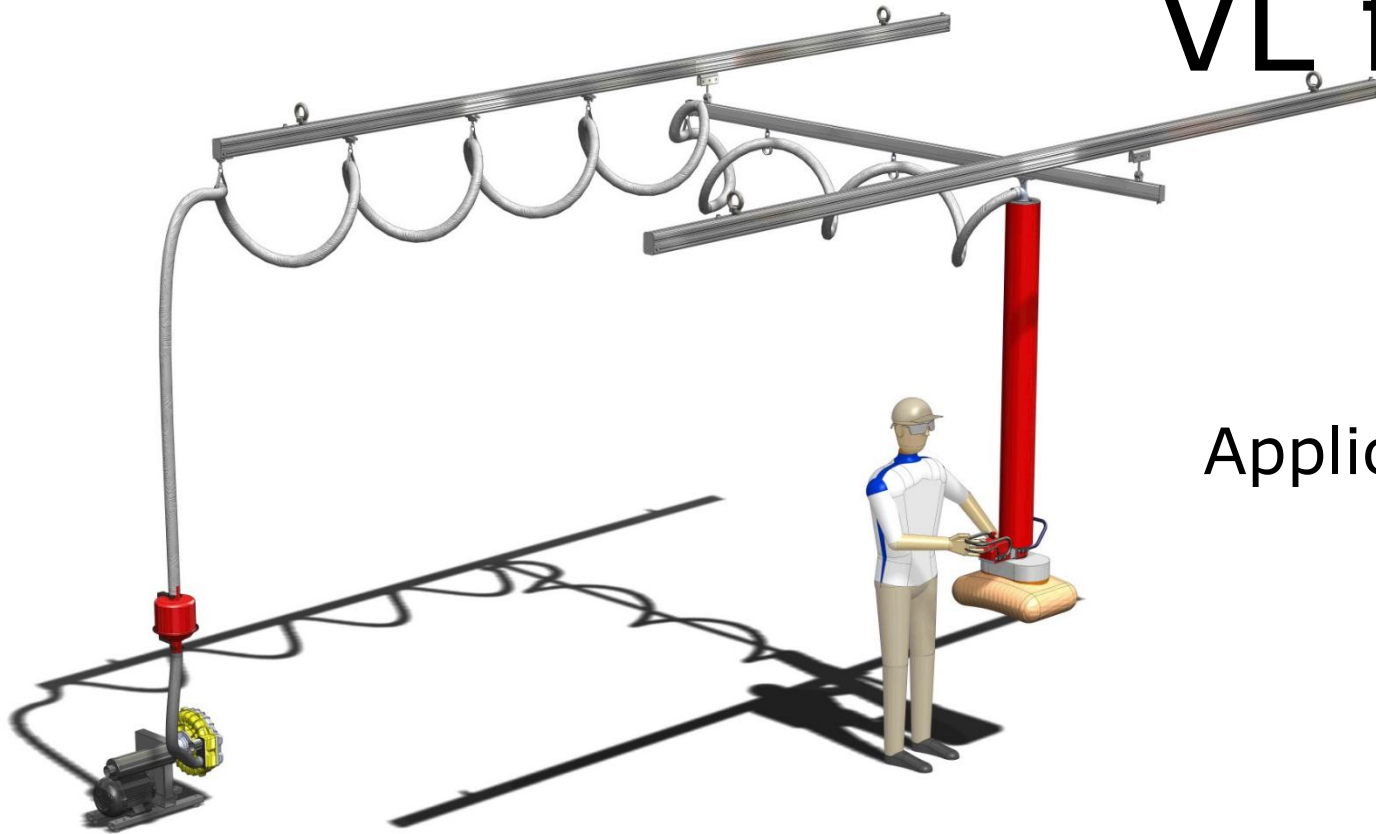




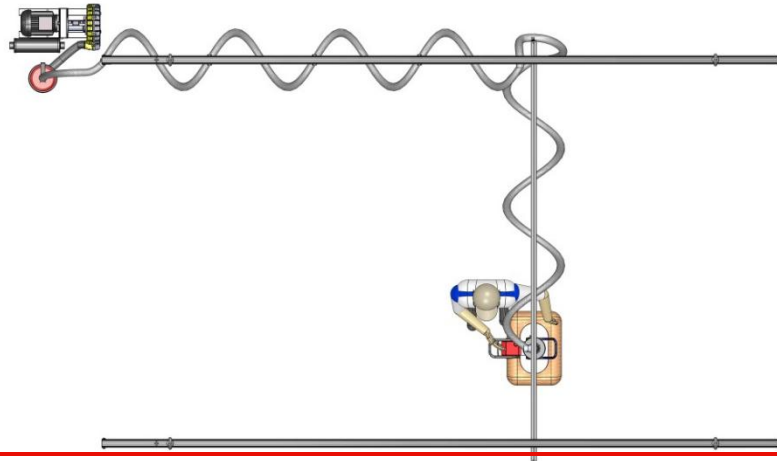
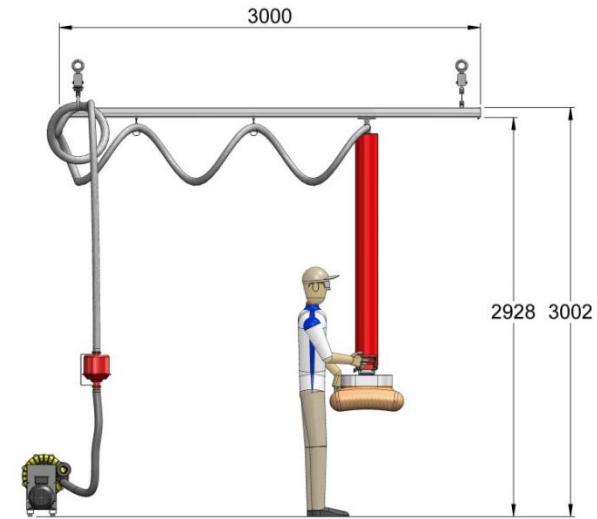
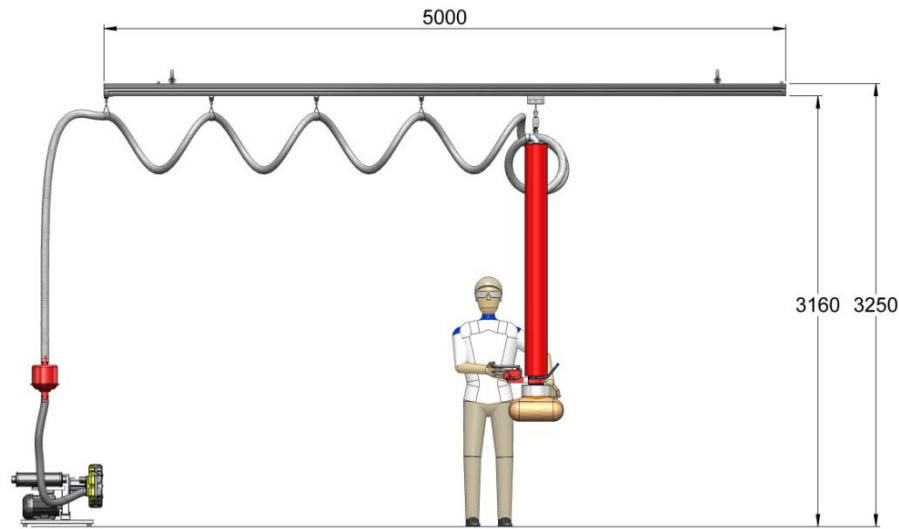
# Typical applications

## Gantry system with VL for sacks

Application: 25 - 50 kg sacks



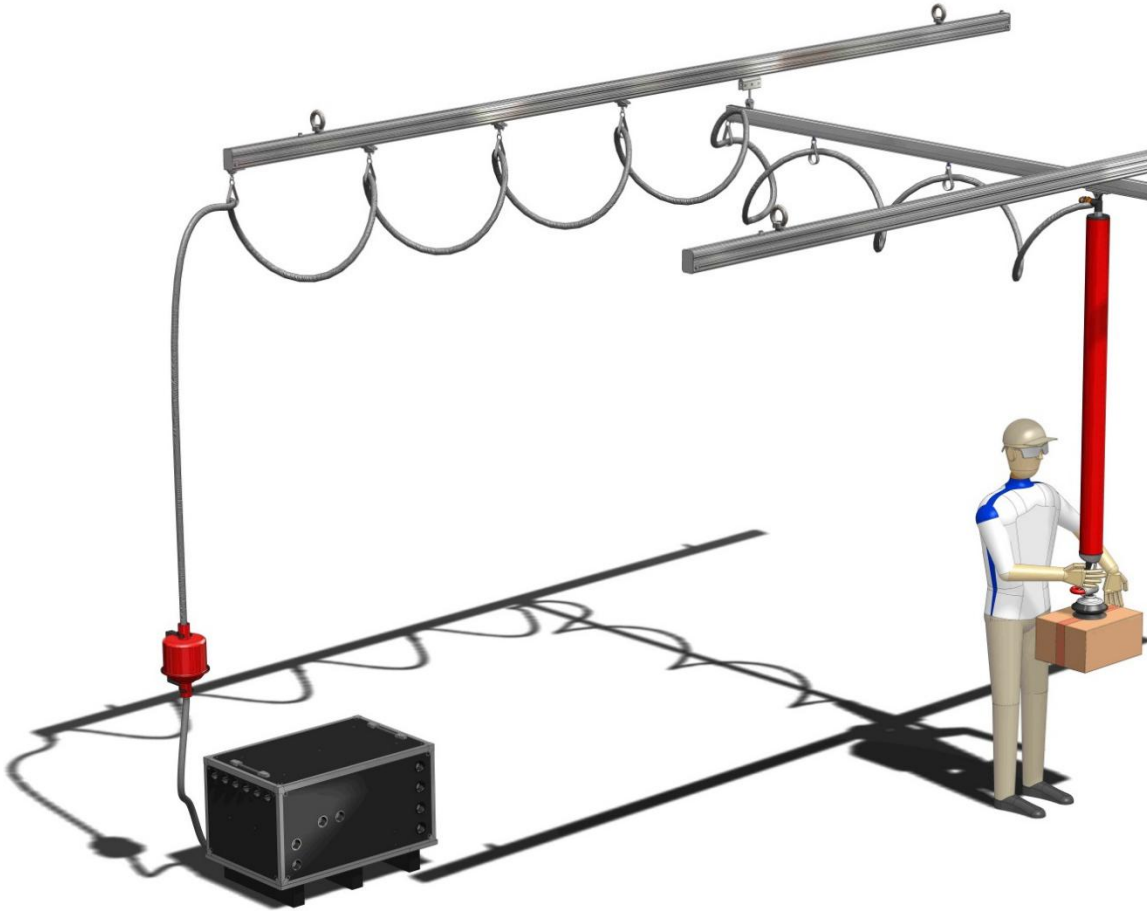
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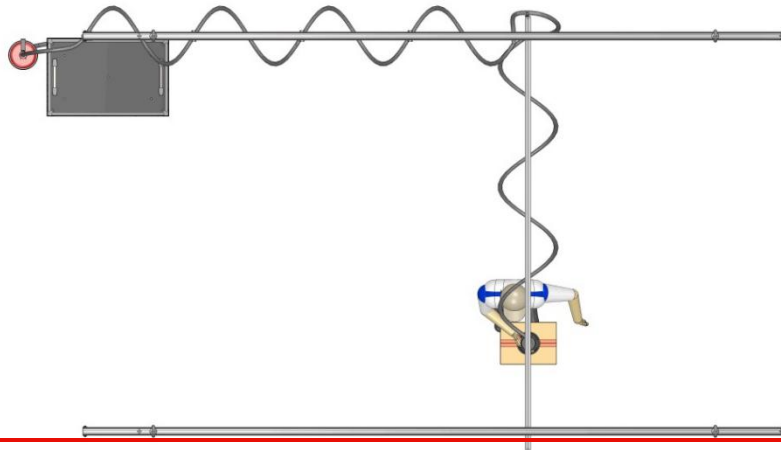
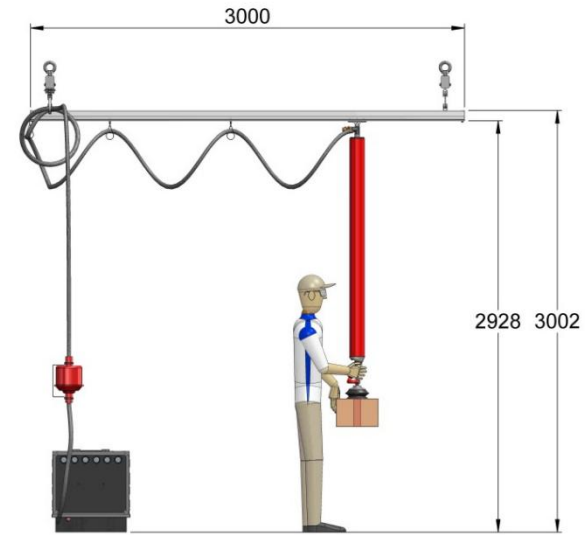
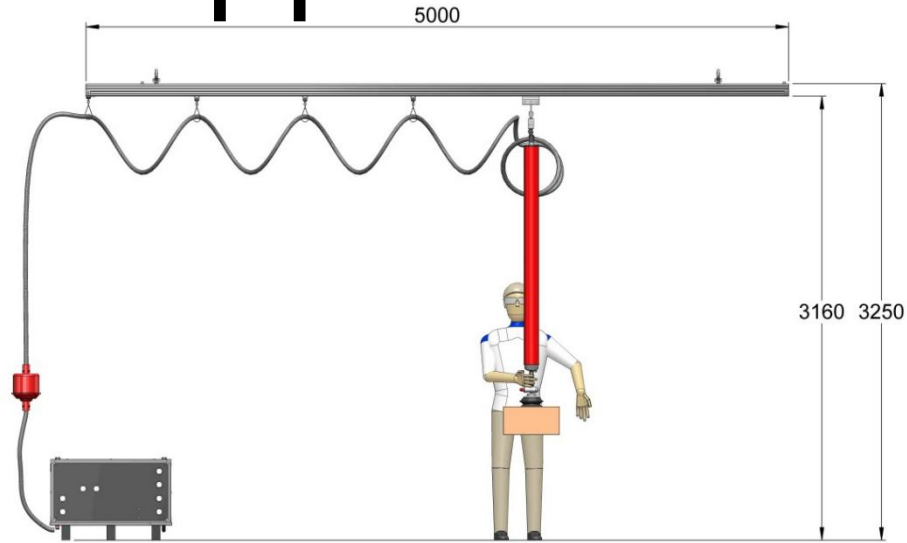
## Gantry system with TP for boxes

Application: boxes up to 45 kg





# Typical applications







Thank you for  
your attention!