

rightetti
smart vacuum lifters

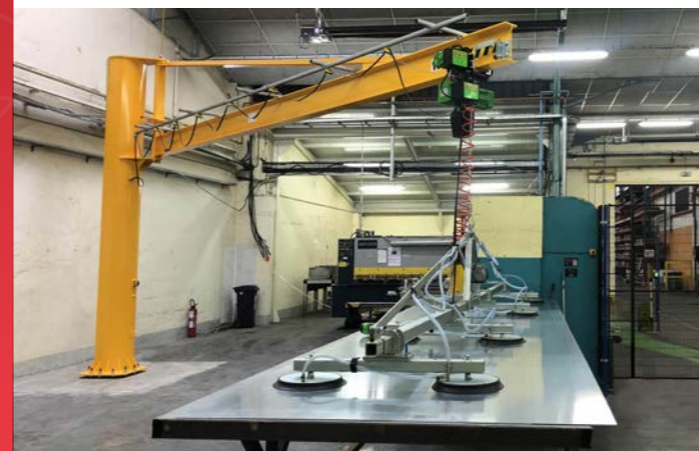


Ad hoc vacuum lifters for
**sheet metal, stainless
steel, aluminum, and
non-iron material**

Vacuum
lifters
SPECIALISTS

**People Behind Vacuum
Lifting Technology Excellence**

Italian craftsmanship
and smart technology:
your vacuum lifter
for every application



Specialists in Vacuum Lifters

For over 20 years we've been working combining typical Italian handicraft creativity with the a technological and industrial advancement. The perfect mix of these two views has led to the conception and design of a broad range of products that we can introduce you to, both from the catalog and custom .

We like solutions that work, that get there by the requested deadlines, and that come with rapid, competent service catered to the customer.

We love getting anywhere with our lifters, even on a global scale. The experience we've gathered on the field helps us give you accurate answers, no matter where you are.

The geographic area isn't a limit anymore, but a way to make new long-lasting relationships. Because buying a Righetti means finding a reliable and efficient ally for optimizing your productivity.

From hands experienced in working the metal, from a precise and industrial organisation: this is where your vacuum lifter takes shape.



**Design
and production**



**More than
500 models**



**3500 m²
warehouse**



**International
shipments**

Why vacuum lifters?

For some time now, vacuum lifters have been a very valuable aid in handling and lifting marble slabs, granite and other stones.



Why choosing a Righetti?

Avant-garde technology, user-friendliness, comfortable to use, safety. **All in one machine.**

What are the pros?

Righetti has designed vacuum lifters capable of automating the work, reducing the time of production.

- Make work easier, safer and more rapid
- Reduce handling times and costs of the staff
- Immediate suction of the load
- Wide choice of models and possibilities of customization

How does it work?

- 1 Suction pads:** specific for marble, granite and stones
- 2 Safety devices:** constant monitoring vacuum level, visual and acoustic warning systems
- 3 Power supply:** electric, battery or compressed air
- 4 Vacuum circuit:** tested reliability and safety

Righetti Service: your assistance

We support you via phone and video not to leave stop your work. We are by your side with fast and precise assistance directly from those who built your vacuum lifter, for never stop your production.

Fast production

Artisan heart and industrial production: the perfect union to get you the vacuum lifters you choose in the shortest time possible.

Safety above all else

Both the worker and the load are always taken as the focal points during the design and construction of the lifters. Reliability is guaranteed.

Worldwide shipment

Our vacuum lifters reach everywhere, even to you. Experience and relationships with customers throughout the world allow us to ship anywhere in established times.

Righetti
smart vacuum lifters



Specialists in vacuum lifters not just talk, but real advantages for your job



1 Absolute focus on safety

The load and operator are always protected with Righetti systems

Our lifters come complete with a series of systems for monitoring the vacuum to guarantee lifting the load completely safely. The dual acoustic and visual alarm warns the operator if there isn't enough vacuum to lift the load safely. The ample vacuum reserve on the lifter guarantees a hold on the load even if there is a malfunction or the power gets cut off.

2 Suitable to any size load

The modular configurations let you exploit the lifters on any size

The Research and Development division designed the lifters contemplating the more common needs of handling sheet metal. Our lifters have suction pads that can move across the arms, simple and effective systems that cut off the pads, and arms that can change position in just a few steps to expand or reduce the dimensions and adapt to different sizes.

And if the sheet dimensions don't differ too much, we have a series of telescopic lifters. With just one machine you will be more versatile on the job.

3 Lifters with sturdy structures for professional use

Compact but robust structures to last over time, reinforced with tie-rods for more support

Righetti lifters have a structure that is sturdy, yet compact and streamlined at the same time. Solid structures and supporting tie-rods guarantee the stability of the load and the lifter itself, even with large capacities and sizes.

4 Grabbing speed and instant suction

The lifters' grabbing speed will get the job done faster

Lifters are also for getting the job done faster and lowering costs due to handling loads. With the improvements Righetti made, you'll get a line of parts that—together with the larger vacuum tank—make grabbing the load faster. The ad hoc suction pads guarantee an optimal hold of the vacuum, and fast adhesion to the load.

5 Oiled, non-planar sheet metal? No problem

The Righetti lifter system is conceived to make up for this

Through technology, Righetti created a system of springy, bendable lifters that even adapt to loads that aren't perfectly flat, making up for the natural non-planarity of the load. The suction pads are specifically designed to lift metal sheets, often oiled.

For special needs for sheet metal with more oil, for high-temperature sheet metal or checkered plate, we have ad hoc lifters.

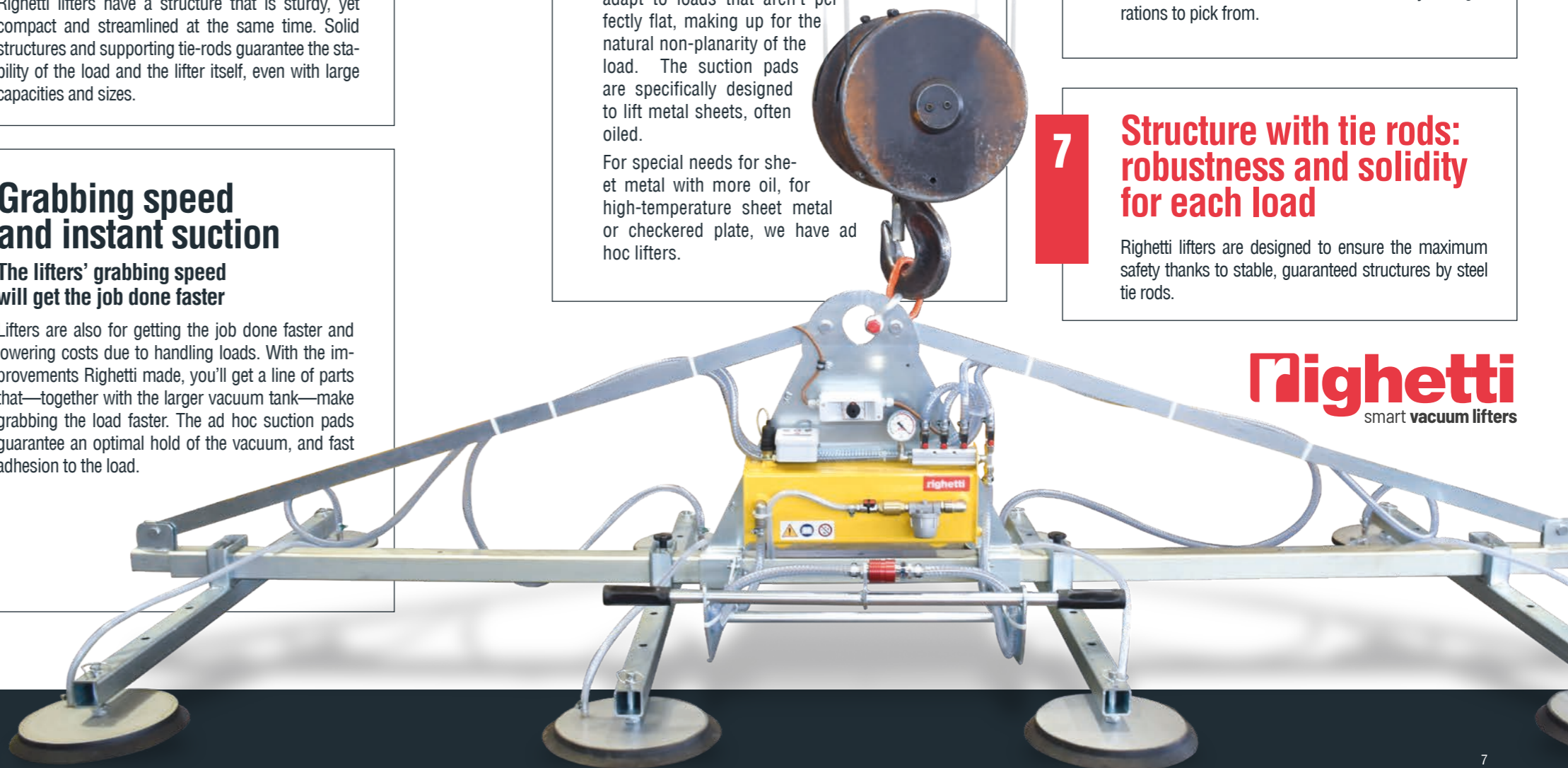
6 A solution for all your needs

We have a vast array of ad hoc vacuum lifters for lifting and handling steel, stainless steel, aluminum, bronze, or other non-iron metal sheets.

Electrically or air-operated models, or self-powered solutions with batteries, available with many configurations to pick from.

7 Structure with tie rods: robustness and solidity for each load

Righetti lifters are designed to ensure the maximum safety thanks to stable, guaranteed structures by steel tie rods.



Righetti
smart vacuum lifters

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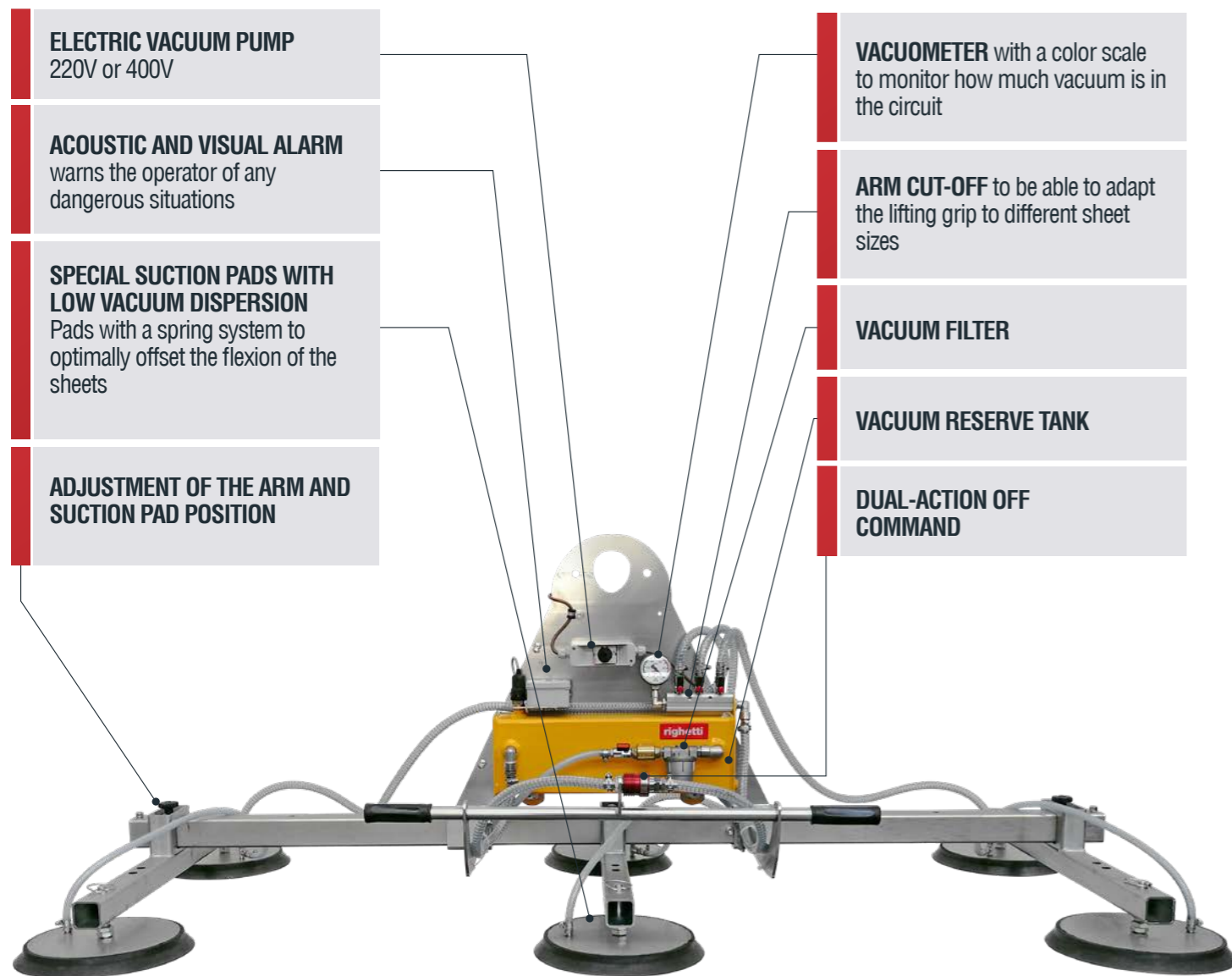
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Electrically powered vacuum lifters are the ideal solution for bridge cranes or other lifting means where it is more convenient to reach the electric power supply.

Electrically powered vacuum lifters have an on-board vacuum pump. Its voltage can either be single phase 220V or three-phase 400V, but other voltages are available on request. If not specified, the vacuum lifter will be manufacture with 400V voltage.

Each series will be available with different lengths of the beam.



Vacuum lifter for sheet metal

electrically operated



Electrically powered



Horizontal movement

Righetti
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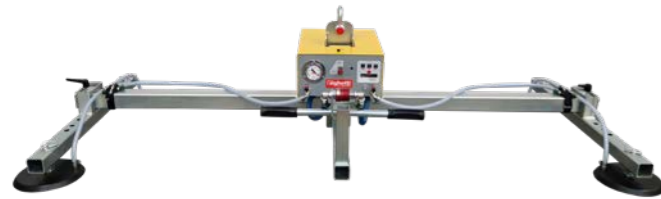
FS4EB

Power supply
electric

n° of pads
4



Horizontal
movement



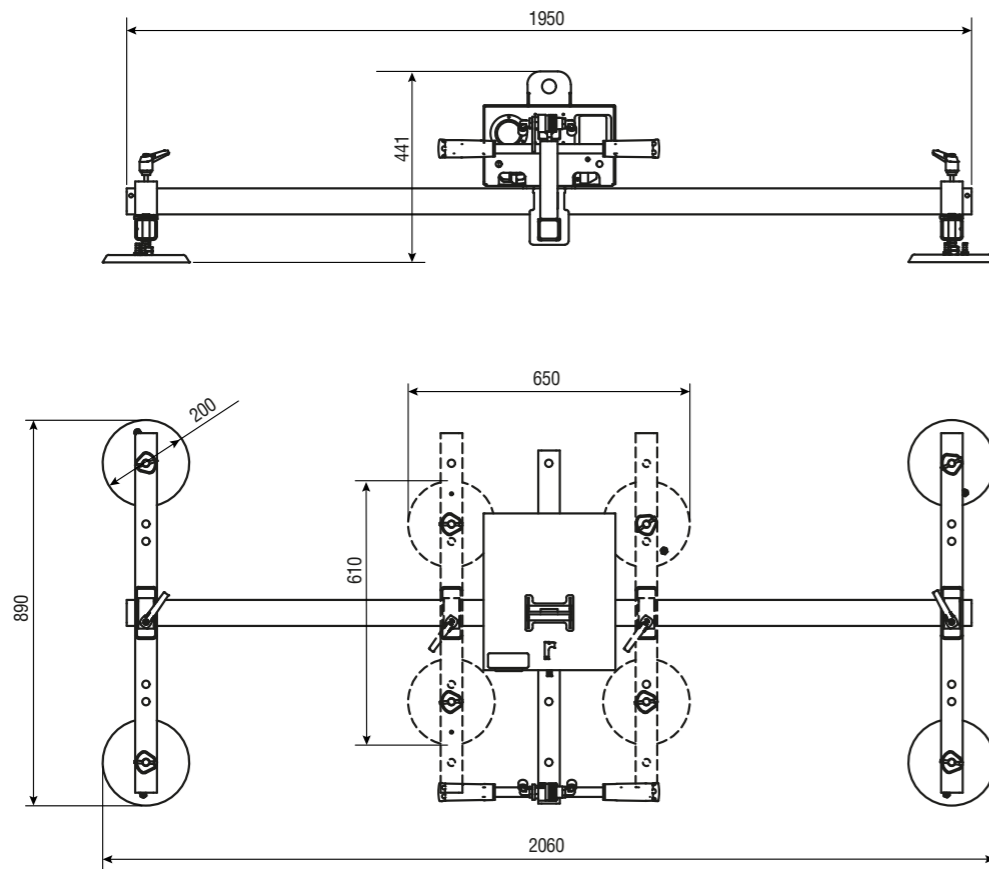
Vacuum lifter with lowered structure to reduce the high below the hook.
Steel frame structure fixed in horizontal position.
Cross arms are freely adjustable on the central beam.

Series FS4EB 250

Kg max 250

| Pads | | Lifting capacity kg | L mm | Arms | | X (mm) | | Y (mm) | | Product code |
|------|-----|------------------------|---------|------|-----|--------|------|--------|-----|--------------|
| nr. | Ø | | | nr. | mm | min | max | min | max | |
| 4 | 200 | 250 | 1950 | 2 | 830 | 650 | 2060 | 610 | 890 | FS4EB 250 |

Technical drawing



FS6EB

Power supply
electric

n° of pads
6



Horizontal
movement



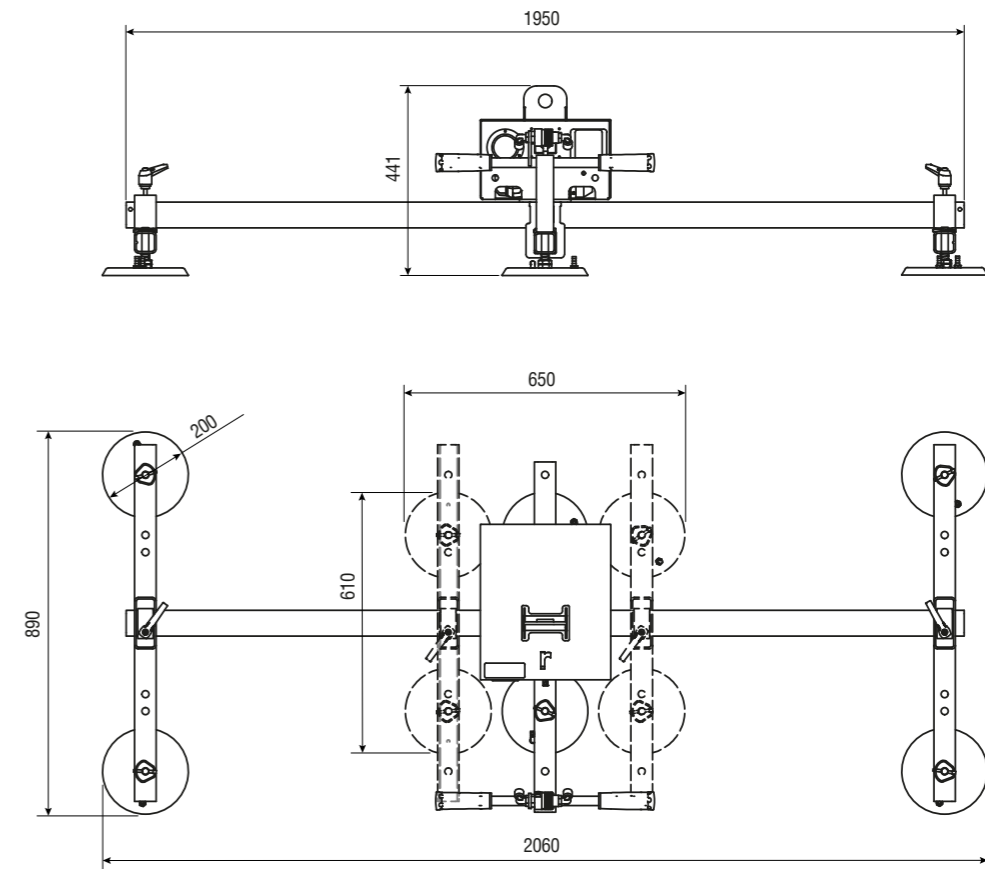
Vacuum lifter with lowered structure to reduce the high below the hook.
Steel frame structure fixed in horizontal position.
Cross arms are freely adjustable on the central beam.

Series FS6EB 500

Kg max 500

| Pads | | Lifting capacity kg | L mm | Arms | | X (mm) | | Y (mm) | | Product code |
|------|-----|------------------------|---------|------|-----|--------|------|--------|-----|--------------|
| nr. | Ø | | | nr. | mm | min | max | min | max | |
| 6 | 200 | 500 | 1950 | 3 | 830 | 650 | 2060 | 610 | 890 | FS6EB 500 |

Technical drawing



FS8EB

Power supply
electric

n° of pads
8



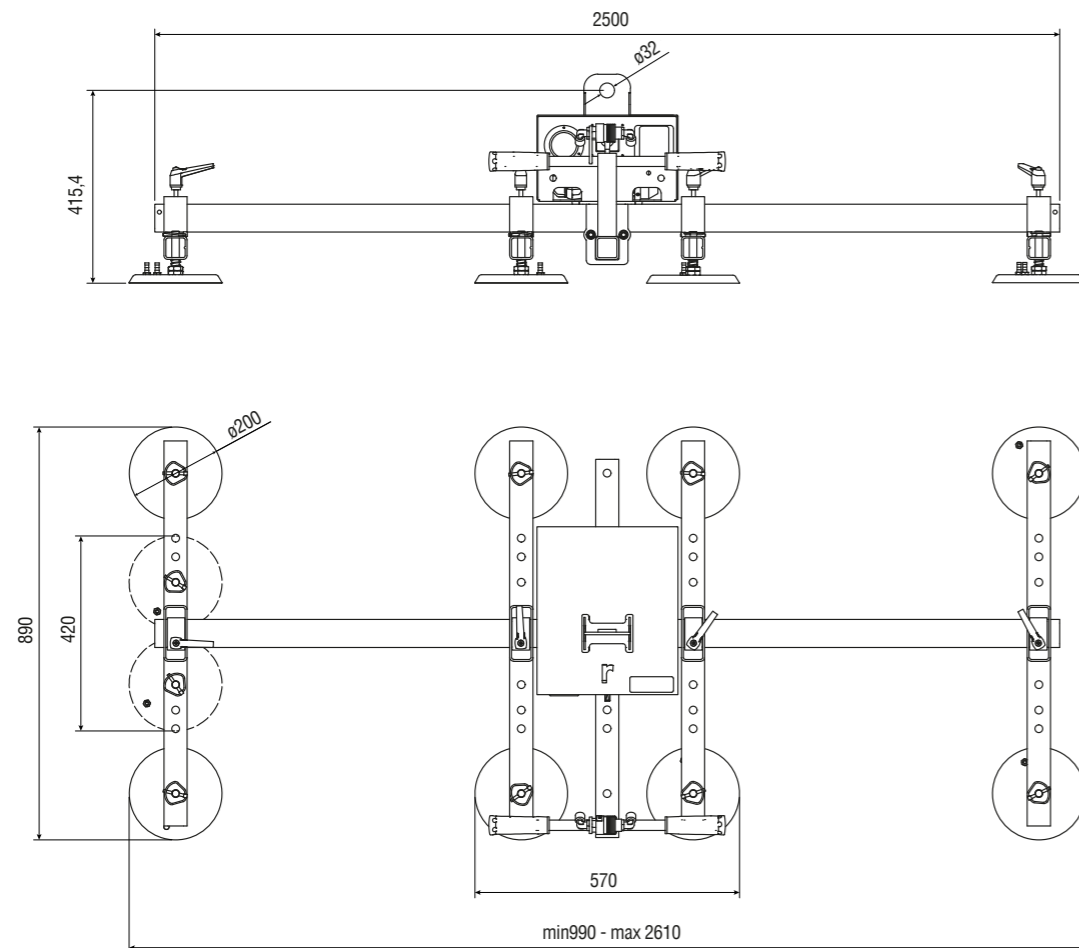
Vacuum lifter with lowered frame to reduce the below-the-hook-height. The frame is horizontally fixed and it's equipped with 8 suction pads. The suction pads are grouped by two on the four repositionable arms.

Series FS8EB 600

Kg max 600

| Pads | | Lifting capacity | L | Arms | | X (mm) | | Y (mm) | | Product code |
|------|-----|------------------|------|------|-----|--------|------|--------|-----|--------------|
| nr. | Ø | kg | mm | nr. | mm | min | max | min | max | |
| 8 | 200 | 600 | 2500 | 4 | 830 | 990 | 2610 | 420 | 890 | FS8EB 600 |

Technical drawing



F4EB

Power supply
electric

n° of pads
4



Vacuum lifter with steel frame structure fixed in horizontal position. This lifter has a central beam at your choosing length (standard versions from 1500 to 3000 mm), two adjustable cross arms and four vacuum pads.

Series F4EB 600

Kg max 600

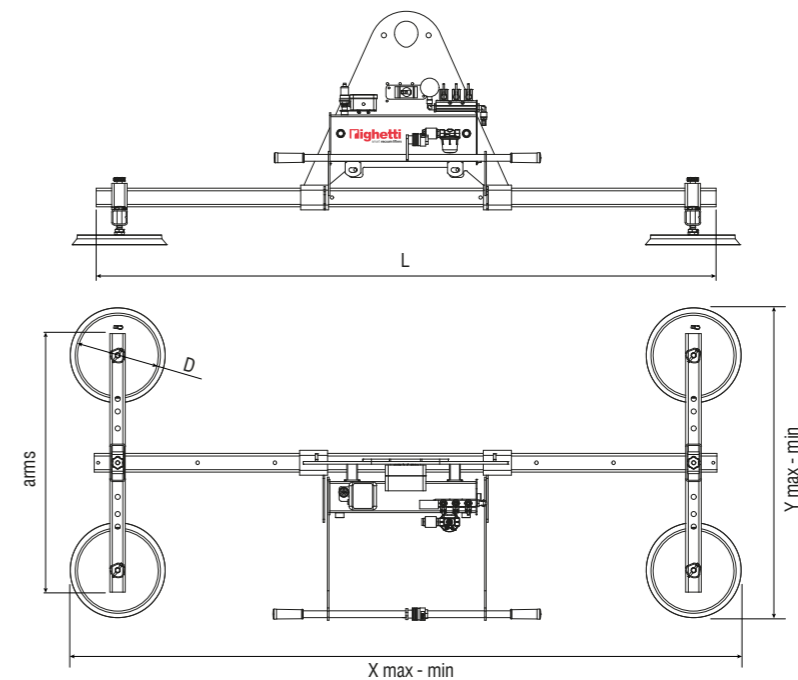
| Pads | | Lifting capacity | L | Arms | | X (mm) | | Y (mm) | | Product code |
|------|------|------------------|------|------|------|--------|---------------------|--------|------|---------------------|
| nr. | Ø | kg | mm | nr. | mm | min | max | min | max | |
| 4 | 310 | 600 | 1500 | 2 | 830 | 1145 | 1655 | 635 | 1000 | F4EB600/3-1500/750 |
| | | | 2000 | 2 | 830 | 1145 | 2155 | 635 | 1000 | F4EB600/3-2000/750 |
| | | | | | 1330 | 1145 | 2155 | 635 | 1500 | F4EB600/3-2000/1270 |
| | | | 3000 | 2 | 830 | 1145 | 3155 | 635 | 1000 | F4EB600/3-3000/750 |
| 1330 | 1145 | 3155 | | | 635 | 1500 | F4EB600/3-3000/1270 | | | |

Series F4EB 1000

Kg max 1000

| Pads | | Lifting capacity | L | Arms | | X (mm) | | Y (mm) | | Product code |
|------|------|------------------|------|------|------|--------|----------------------|--------|------|----------------------|
| nr. | Ø | kg | mm | nr. | mm | min | max | min | max | |
| 4 | 390 | 1000 | 1500 | 2 | 830 | 1225 | 1735 | 800 | 1080 | F4EB1000/4-1500/750 |
| | | | 2000 | 2 | 830 | 1225 | 2235 | 800 | 1080 | F4EB1000/4-2000/750 |
| | | | | | 1330 | 1225 | 2235 | 800 | 1580 | F4EB1000/4-2000/1270 |
| | | | 3000 | 2 | 830 | 1225 | 3235 | 800 | 1080 | F4EB1000/4-3000/750 |
| 1330 | 1225 | 3235 | | | 800 | 1580 | F4EB1000/4-3000/1270 | | | |

Technical drawing



F6EB

Power supply
electric

n° of pads
6



Horizontal
movement



Vacuum lifter with steel frame structure fixed in horizontal position.
This lifter has a central beam at your choosing length (standard versions from 1500 to 3000 mm), three adjustable cross arms and six vacuum pads.

Series F6EB 1000

Kg max 1000

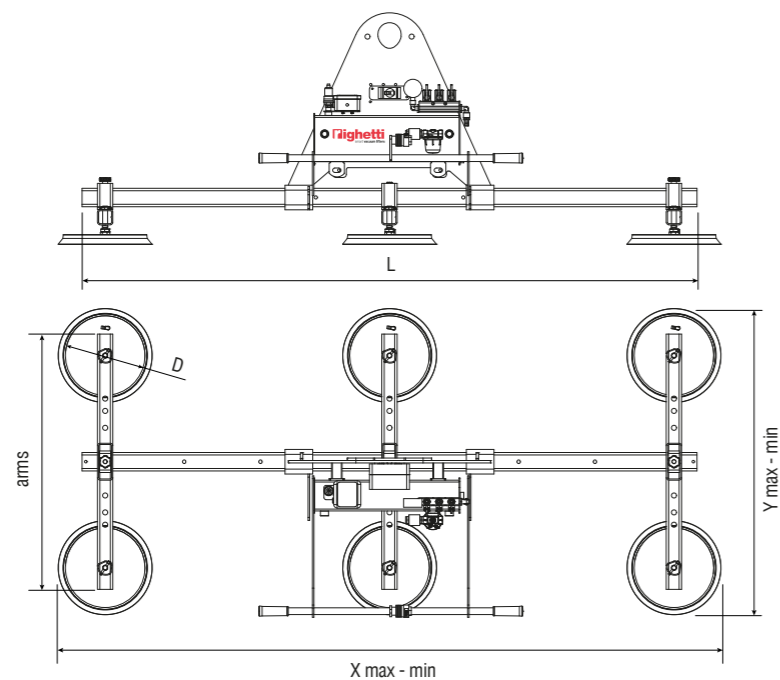
| Pads | | Lifting capacity | L | Arms | | X (mm) | | Y (mm) | | Product code |
|------|-----|------------------|------|------|------|--------|------|--------|------|----------------------|
| nr. | Ø | | | kg | mm | nr. | mm | min | max | |
| 6 | 310 | 1000 | 1500 | 3 | 830 | 1145 | 1655 | 635 | 1000 | F6EB1000/3-1500/750 |
| | | | 2000 | 3 | 830 | 1145 | 2155 | 635 | 1000 | F6EB1000/3-2000/750 |
| | | | | | 1330 | 1145 | 2155 | 635 | 1500 | F6EB1000/3-2000/1270 |
| | | | 3000 | 3 | 830 | 1145 | 3065 | 635 | 1000 | F6EB1000/3-3000/750 |
| | | | | | 1330 | 1495 | 3065 | 635 | 1500 | F6EB1000/3-3000/1270 |

Series F6EB 1800

Kg max 1800

| Pads | | Lifting capacity | L | Arms | | X (mm) | | Y (mm) | | Product code |
|------|-----|------------------|------|------|------|--------|------|--------|------|----------------------|
| nr. | Ø | | | kg | mm | nr. | mm | min | max | |
| 6 | 390 | 1800 | 1500 | 3 | 830 | 1230 | 1740 | 800 | 1080 | F6EB1800/4-1500/750 |
| | | | 2000 | 3 | 830 | 1230 | 2240 | 800 | 1080 | F6EB1800/4-2000/750 |
| | | | | | 1330 | 1230 | 2240 | 800 | 1580 | F6EB1800/4-2000/1270 |
| | | | 3000 | 3 | 830 | 1230 | 3150 | 800 | 1080 | F6EB1800/4-3000/750 |
| | | | | | 1330 | 1230 | 3150 | 800 | 1580 | F6EB1800/4-3000/1270 |

Technical drawing



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FTS6EB

Power supply
electric

n° of pads
6



Horizontal
movement



Telescopic



Vacuum lifter with telescopic frame, which is ideal for various formats of sheet metal up to 4000x2000mm.
Its lowered frame reduces the below-the-hook height. The handlebar is extendable to guarantee a higher safety of the worker during the sheet handling.

Series FTS6EB 1000

Kg max 1000

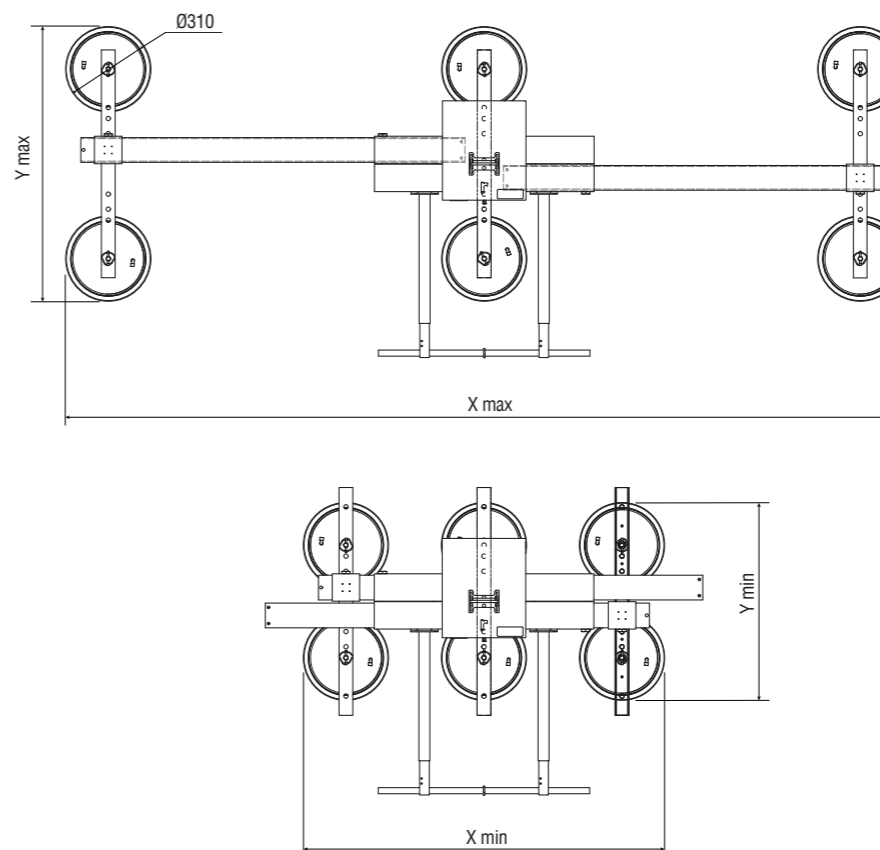
| Pads | | Lifting capacity | Arms | | X (mm) | | Y (mm) | | Product code |
|------|-----|------------------|------|-----|--------|------|--------|-----|--------------|
| nr. | Ø | | kg | nr. | mm | min | max | min | |
| 6 | 310 | 1000 | 3 | 830 | 1366 | 3120 | 706 | 985 | FTS6EB1000 |

Series FTS6EB 1800

Kg max 1800

| Pads | | Lifting capacity | Arms | | X (mm) | | Y (mm) | | Product code |
|------|-----|------------------|------|-----|--------|------|--------|------|--------------|
| nr. | Ø | | kg | nr. | mm | min | max | min | |
| 6 | 390 | 1800 | 3 | 830 | 1446 | 3200 | 791 | 1065 | FTS6EB1800 |

Technical drawing



Telescopic handlebar



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F8EB

Power supply
electric

n° of pads
8



Horizontal
movement



Vacuum lifter with steel frame structure fixed in horizontal position. This lifter has a central beam at your choosing length (standard versions 2500 or 4000 mm), four adjustable cross arms and eight vacuum pads.

Series F8EB 700

Kg max 700

| Pads | | Lifting capacity | L | Arms | | X (mm) | | | Y (mm) | | Product code |
|------|-----|------------------|------|------|-----|--------|------|------|--------|-----|--------------------|
| nr. | Ø | | | kg | mm | nr. | mm | X1 | min | max | |
| 8 | 200 | 700 | 2500 | 4 | 830 | 1035 | 2005 | 2455 | 420 | 890 | F8EB700/2-2500/750 |
| | | | 3000 | 4 | 830 | 1035 | 2005 | 2955 | 420 | 890 | F8EB700/2-3000/750 |
| | | | 3500 | 4 | 830 | 1035 | 2005 | 3455 | 420 | 890 | F8EB700/2-3500/750 |

Series F8EB 1500

Kg max 1500

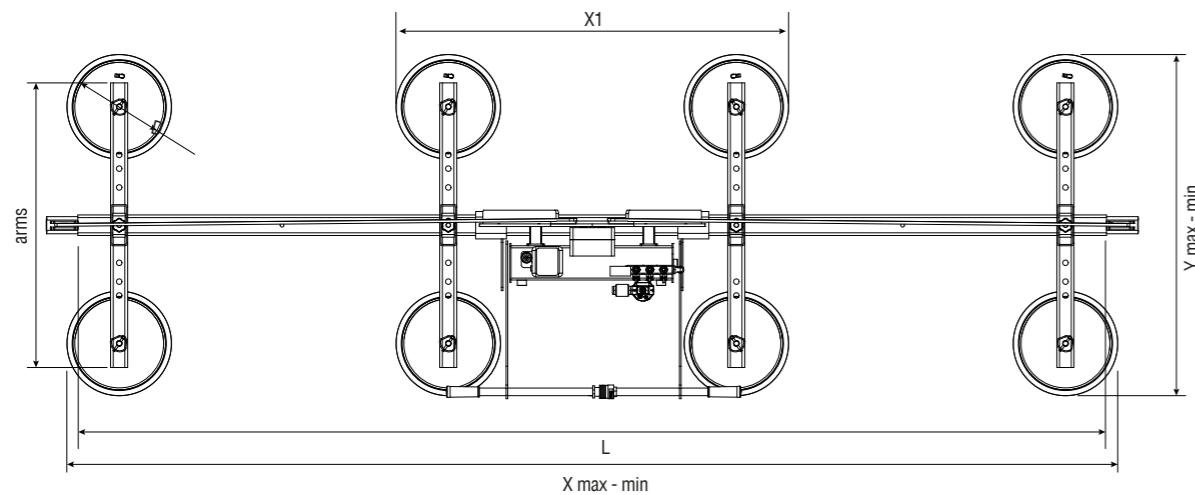
| Pads | | Lifting capacity | L | Arms | | X (mm) | | | Y (mm) | | Product code |
|------|-----|------------------|------|------|------|--------|------|------|--------|------|----------------------|
| nr. | Ø | | | kg | mm | nr. | mm | X1 | min | max | |
| 8 | 310 | 1500 | 3000 | 4 | 830 | 1145 | 2115 | 3065 | 635 | 1005 | F8EB1500/3-3000/750 |
| | | | | | 1330 | 1145 | 2115 | 3065 | 635 | 1495 | F8EB1500/3-3000/1270 |
| | | | | | 4000 | 4 | 1330 | 1145 | 2115 | 4065 | 635 |

Series F8EB 2400

Kg max 2400

| Pads | | Lifting capacity | L | Arms | | X (mm) | | | Y (mm) | | Product code |
|------|-----|------------------|------|------|------|--------|------|------|--------|------|----------------------|
| nr. | Ø | | | kg | mm | nr. | mm | X1 | min | max | |
| 8 | 390 | 2400 | 3000 | 4 | 830 | 1230 | 2200 | 3150 | 800 | 1080 | F8EB2400/4-3000/750 |
| | | | | | 1330 | 1230 | 2200 | 3150 | 800 | 1580 | F8EB2400/4-3000/1270 |
| | | | | | 4000 | 4 | 1330 | 1230 | 2200 | 4150 | 800 |

Technical drawing



FT10EB

Power supply
electric

n° of pads
10



Horizontal
movement



Telescopic



Vacuum lifter with telescopic frame with length adjustment, perfect for sheet metal of variable dimensions, up to 6000 mm. The ten vacuum pads are placed on 5 cross-arms.

Series FT10EB 800

Kg max 800

| Pads | | Lifting capacity | Arms | | X1 (mm) | | X (mm) | | Y (mm) | | Product code |
|------|-----|------------------|------|------|---------|------|--------|------|--------|------|--------------|
| nr. | Ø | | kg | Nr. | mm | min | max | min | max | min | |
| 10 | 200 | 800 | 5 | 1330 | 1015 | 2215 | 2655 | 4900 | 530 | 1390 | FT10EB 800 |

Series FT10EB 2000

Kg max 2000

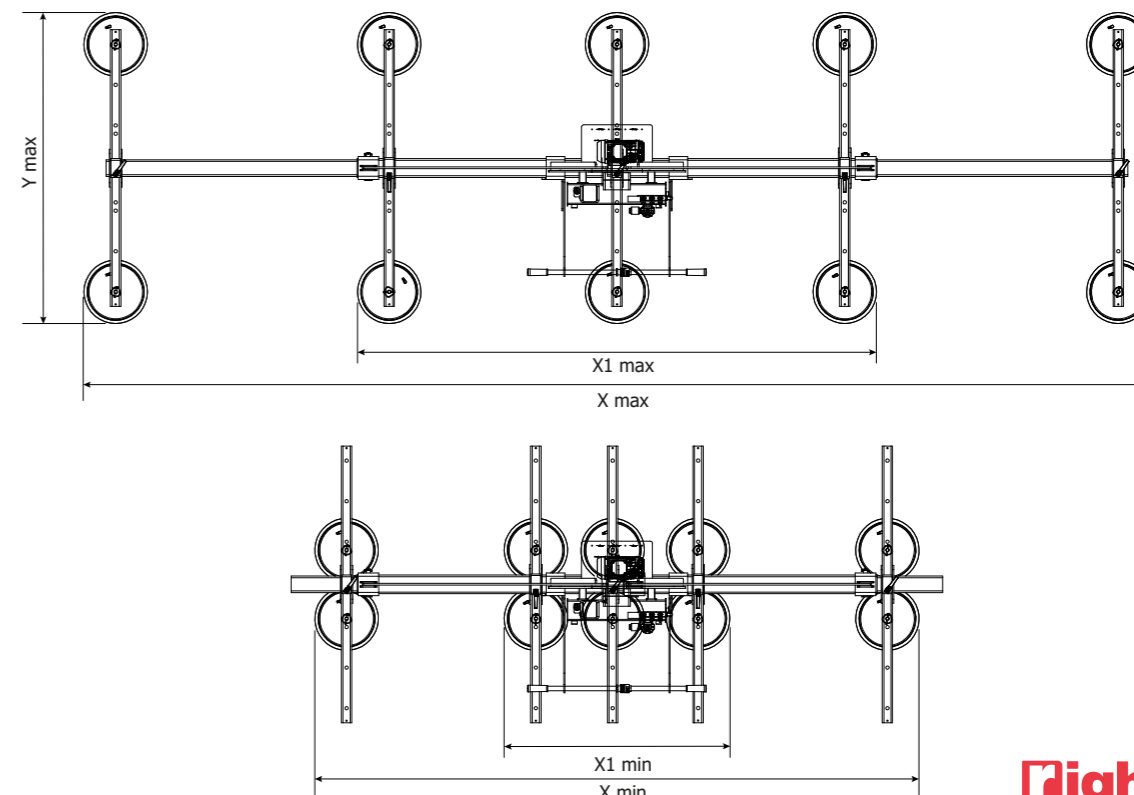
| Pads | | Lifting capacity | Arms | | X1 (mm) | | X (mm) | | Y (mm) | | Product code |
|------|-----|------------------|------|------|---------|------|--------|------|--------|------|--------------|
| nr. | Ø | | kg | nr. | mm | min | max | min | max | min | |
| 10 | 310 | 2000 | 5 | 1330 | 1125 | 2325 | 2765 | 5010 | 640 | 1500 | FT10EB 2000 |

Series FT10EB 3000

Kg max 3000

| Pads | | Lifting capacity | Arms | | X1 (mm) | | X (mm) | | Y (mm) | | Product code |
|------|-----|------------------|------|------|---------|------|--------|------|--------|------|--------------|
| nr. | Ø | | kg | nr. | mm | min | max | min | max | min | |
| 10 | 390 | 3000 | 5 | 1330 | 1205 | 2405 | 2845 | 5090 | 800 | 1580 | FT10EB3000 |

Technical drawing



F10EB

Power supply
electric

n° of pads
10



Horizontal
movement



Vacuum lifter with steel frame structure fixed in horizontal position. This lifter has a central beam at your choosing length (standard versions from 3000 to 5000 mm), five adjustable cross-arms and ten vacuum pads.

Series F10EB 2000

Kg max 2000

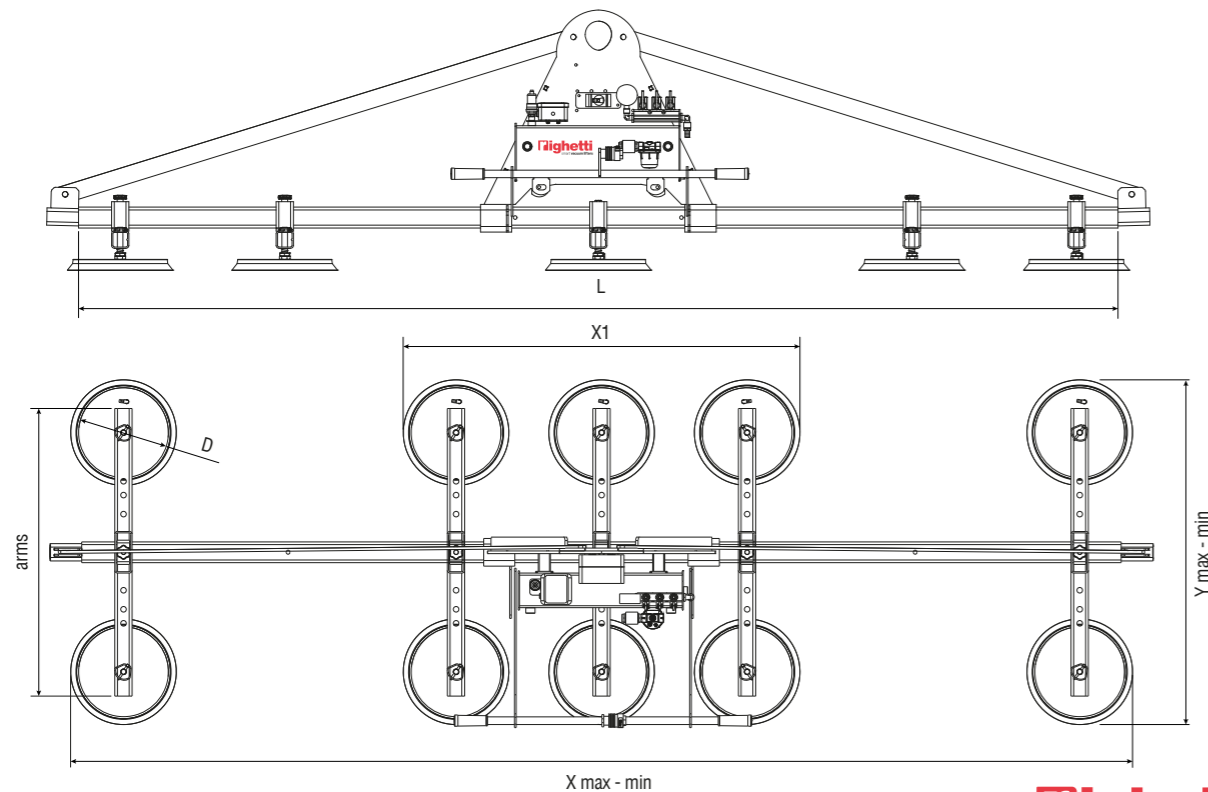
| Pads | | Lifting capacity | L | Arms | | X (mm) | | | Y (mm) | | Product code |
|------|-----|------------------|------|------|------|--------|------|------|--------|------|-----------------------|
| nr. | Ø | | | kg | mm | nr. | mm | X1 | min | max | |
| 10 | 310 | 2000 | 3000 | 5 | 830 | 1145 | 2155 | 3065 | 640 | 1000 | F10EB2000/3-3000/750 |
| | | | | 5 | 1330 | 1145 | 2155 | 3065 | 640 | 1500 | F10EB2000/3-3000/1270 |
| | | | | 5 | 1330 | 1145 | 2155 | 4065 | 640 | 1500 | F10EB2000/3-4000/1270 |
| | | | | 5 | 1330 | 1145 | 2155 | 5065 | 640 | 1500 | F10EB2000/3-5000/1270 |

Series F10EB 3000

Kg max 3000

| Pads | | Lifting capacity | L | Arms | | X (mm) | | | Y (mm) | | Product code |
|------|-----|------------------|------|------|------|--------|------|------|--------|------|-----------------------|
| nr. | Ø | | | kg | mm | nr. | mm | X1 | min | max | |
| 10 | 390 | 3000 | 3000 | 5 | 1330 | 1230 | 2195 | 3150 | 800 | 1580 | F10EB3000/4-3000/1270 |
| | | | 4000 | 5 | 1330 | 1230 | 2195 | 4150 | 800 | 1580 | F10EB3000/4-4000/1270 |
| | | | 5000 | 5 | 1330 | 1230 | 2195 | 5150 | 800 | 1580 | F10EB3000/4-5000/1270 |

Technical drawing



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F14EB

Power supply
electric

n° of pads
14



Horizontal
movement



Vacuum lifter with steel frame structure fixed in horizontal position. This lifter has a central beam at your choosing length (standard versions from 4000 to 6000 mm), seven adjustable cross-arms and fourteen vacuum pads.

Series F14EB 2800

Kg max 2800

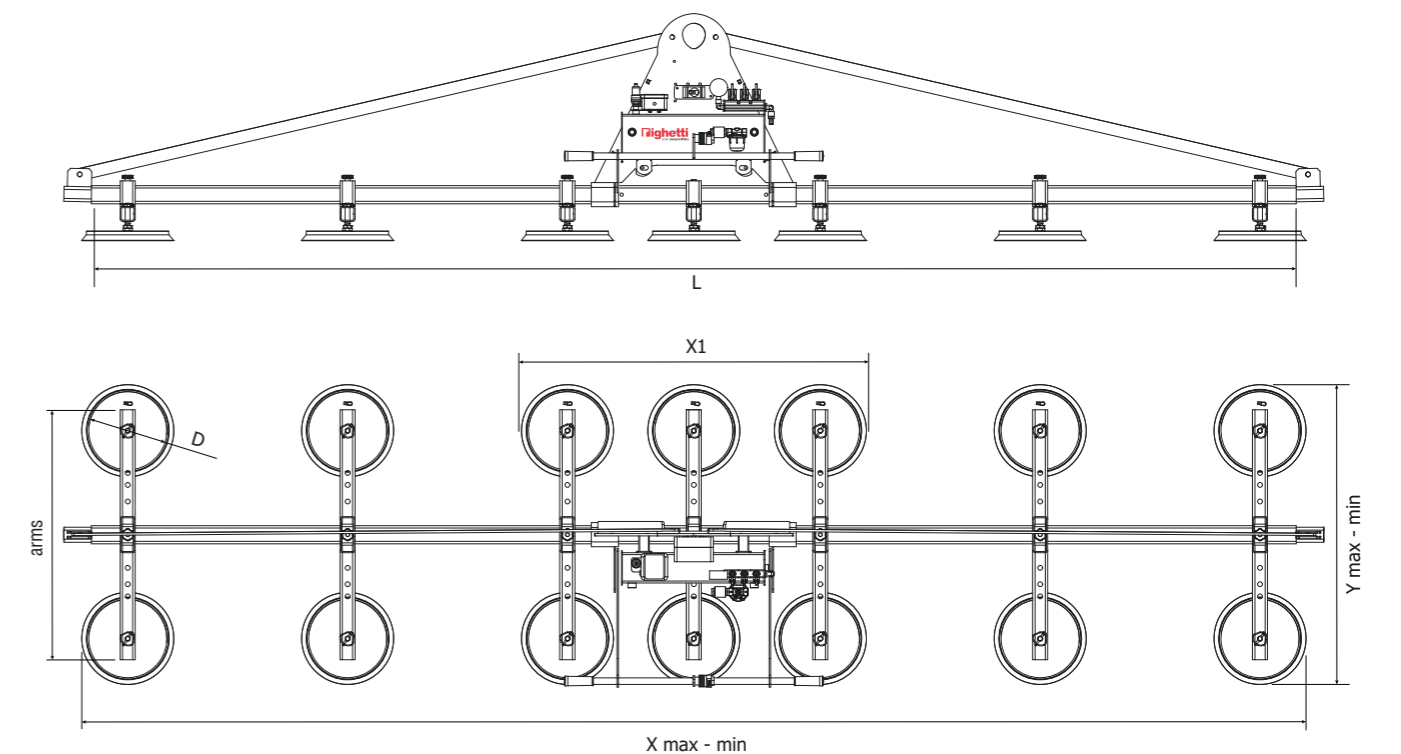
| Pads | | Lifting capacity | L | Arms | | X (mm) | | | Y (mm) | | Product code |
|------|-----|------------------|------|------|------|--------|------|------|--------|------|-----------------------|
| nr. | Ø | | | kg | mm | nr. | mm | X1 | min | max | |
| 14 | 310 | 2800 | 4000 | 7 | 830 | 1145 | 3105 | 4065 | 635 | 1000 | F14EB2800/3-4000/750 |
| | | | | 7 | 1330 | 1145 | 3105 | 4065 | 635 | 1500 | F14EB2800/3-4000/1270 |

Series F14EB 4200

Kg max 4200

| Pads | | Lifting capacity | L | Arms | | X (mm) | | | Y (mm) | | Product code |
|------|-----|------------------|------|------|------|--------|------|------|--------|------|-----------------------|
| nr. | Ø | | | kg | mm | nr. | mm | X1 | min | max | |
| 14 | 310 | 2800 | 4000 | 7 | 1330 | 1299 | 3139 | 4145 | 800 | 1580 | F14EB4200/4-4000/1270 |
| | | | 5000 | 7 | 1330 | 1299 | 3139 | 5145 | 800 | 1580 | F14EB4200/4-5000/1270 |
| | | | 6000 | 7 | 1330 | 1299 | 3139 | 6145 | 800 | 1580 | F14EB4200/4-6000/1270 |

Technical drawing



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smart vacuum lifters

F18EB

Power supply
electric

n° of pads
18



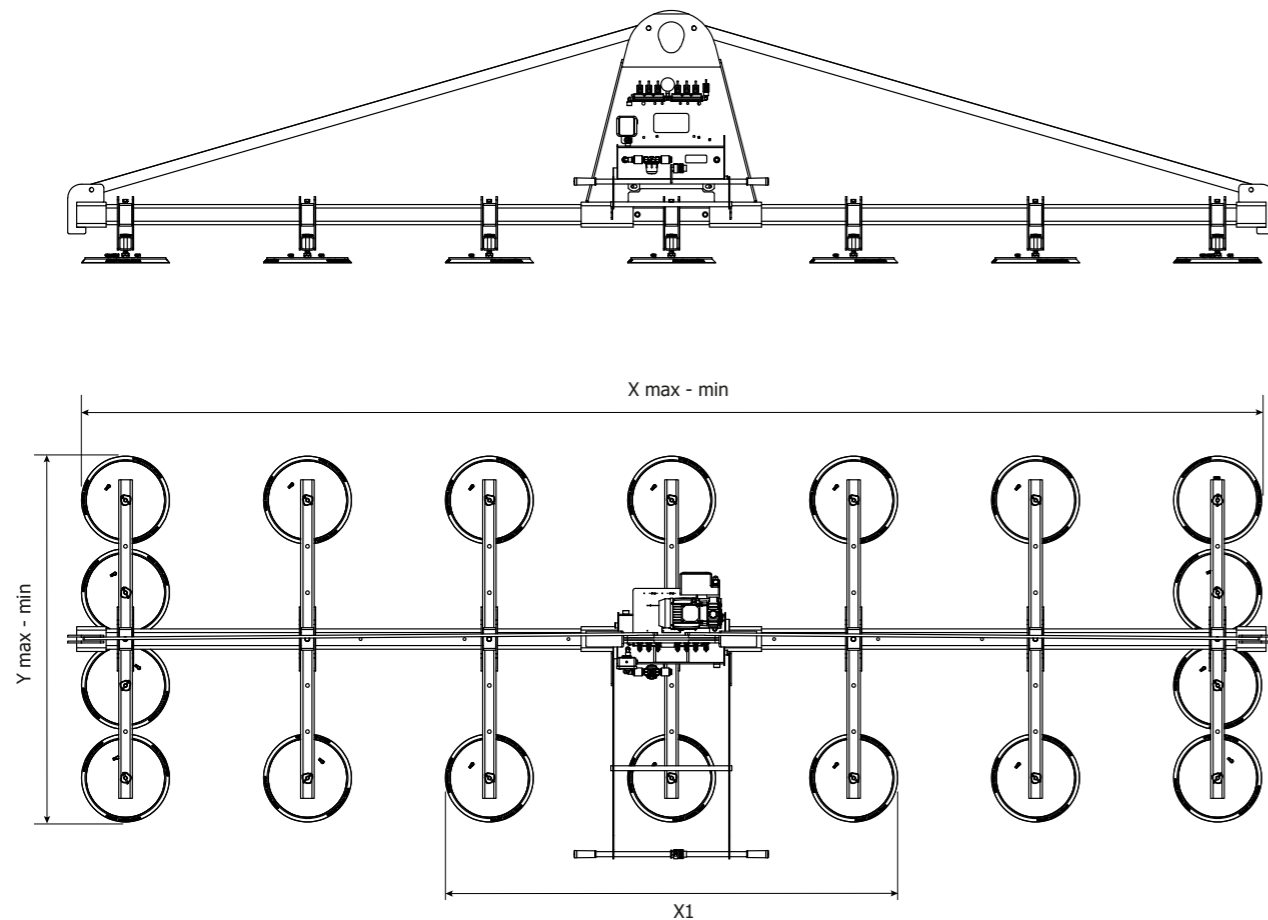
Vacuum lifter with steel frame structure fixed in horizontal position. This lifter has a central beam at your choosing length (standard versions from 4000 to 6000 mm), nine adjustable cross-arms and eighteen vacuum pads.

Series F18EB 5000

Kg max 5000

| Pads | | Lifting capacity | L | Arms | | X1 (mm) | | X (mm) | | Y (mm) | Product code |
|------|-----|------------------|------|------|------|---------|------|--------|------|------------------|--------------|
| nr. | ∅ | | | nr. | mm | min | min | max | max | | |
| 18 | 390 | 5000 | 4000 | 7 | 1410 | 1299 | 3139 | 4145 | 1620 | F18EB5000/4-4000 | |
| | | | 5000 | 7 | 1410 | 1299 | 3139 | 5145 | 1620 | F18EB5000/4-5000 | |
| | | | 6000 | 7 | 1410 | 1299 | 3139 | 6145 | 1620 | F18EB5000/4-6000 | |

Technical drawing



F20EB

Power supply
electric

n° of pads
20



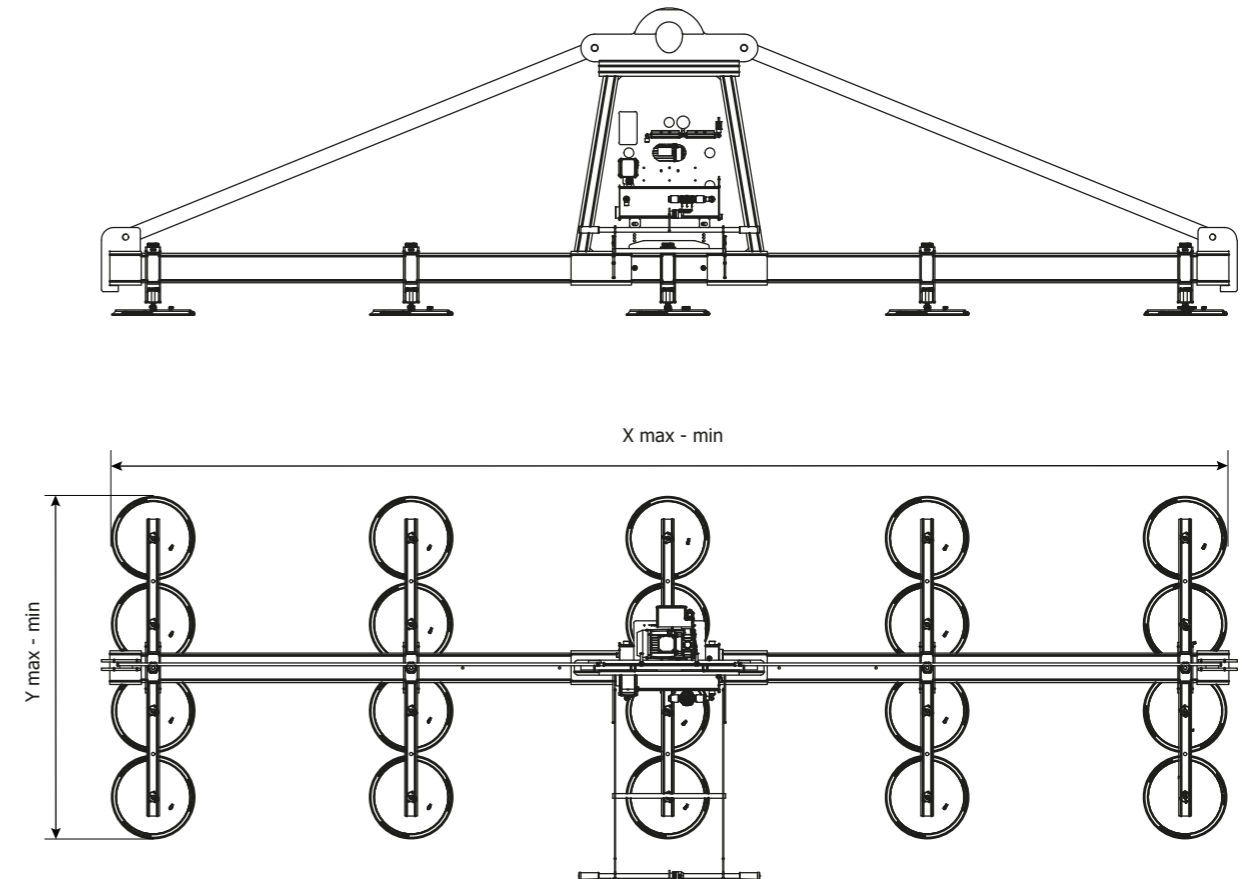
Vacuum lifter for sheet metal with weight up to 5500kg. The central beam is available in three different configurations: 4000 – 5000 – 6000 mm. Reinforced structure with steel tie-rods and fixed frame in horizontal position.

Series F20EB 5500

Kg max 5500

| Pads | | Lifting capacity | L | Arms | | X1 (mm) | | X (mm) | | Y (mm) | Product code |
|------|-----|------------------|------|------|------|---------|------|--------|------|------------------|--------------|
| nr. | ∅ | | | nr. | mm | min | min | max | max | | |
| 20 | 390 | 5500 | 4000 | 5 | 1410 | 1431 | 2331 | 4300 | 1620 | F20EB5500/4-4000 | |
| | | | 5000 | 5 | 1410 | 1431 | 2331 | 5300 | 1620 | F20EB5500/4-5000 | |
| | | | 6000 | 5 | 1410 | 1431 | 2331 | 6300 | 1620 | F20EB5500/4-6000 | |

Technical drawing



F28EB

Power supply
electric

n° of pads
28



Horizontal
movement

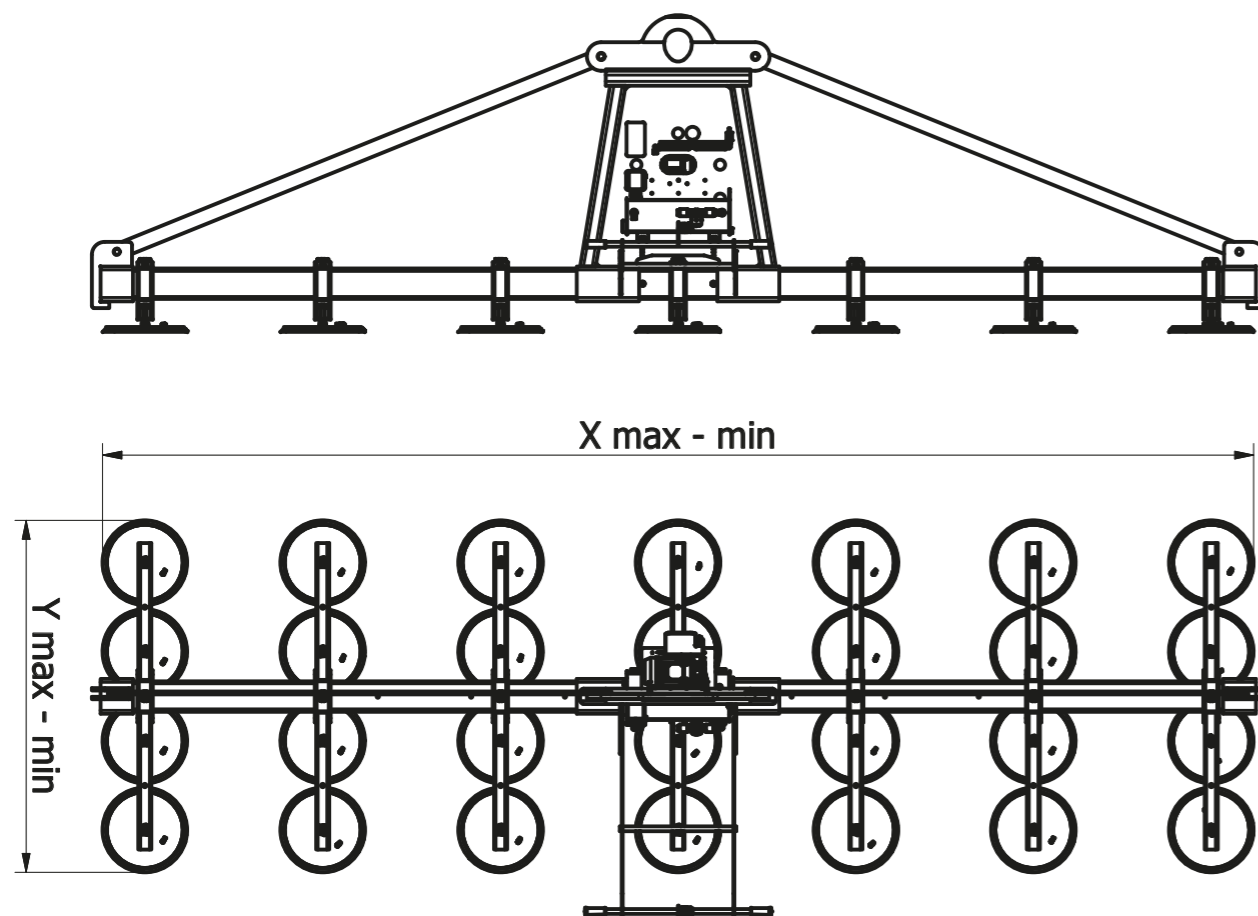
Vacuum lifter with a horizontally fixed steel frame. This lifter has a central beam whose length is at your choice among 5000, 6000 or 7000mm. Custom beam lengths are available on request.

Series F28EB 7000

 **Kg max 7000**

| Pads | | Lifting capacity kg | L mm | Arms | | X1 (mm) | | | X (mm) | | Y (mm) max | Product code | | | | | |
|------|-----|------------------------|---------|------|------|---------|------|------|--------|------------------|---------------|--------------|------|------|------|------|------------------|
| nr. | Ø | | | nr. | mm | min | min | max | min | max | | | | | | | |
| 28 | 390 | 7000 | 5000 | 7 | 1410 | 1431 | 3231 | 5300 | 1620 | F28EB7000/4-5000 | | | | | | | |
| | | | | | | | | | | 6000 | 7 | 1410 | 1431 | 3231 | 6300 | 1620 | F28EB7000/4-6000 |
| | | | | | | | | | | 7000 | 7 | 1410 | 1431 | 3231 | 7300 | 1620 | F28EB7000/4-7000 |

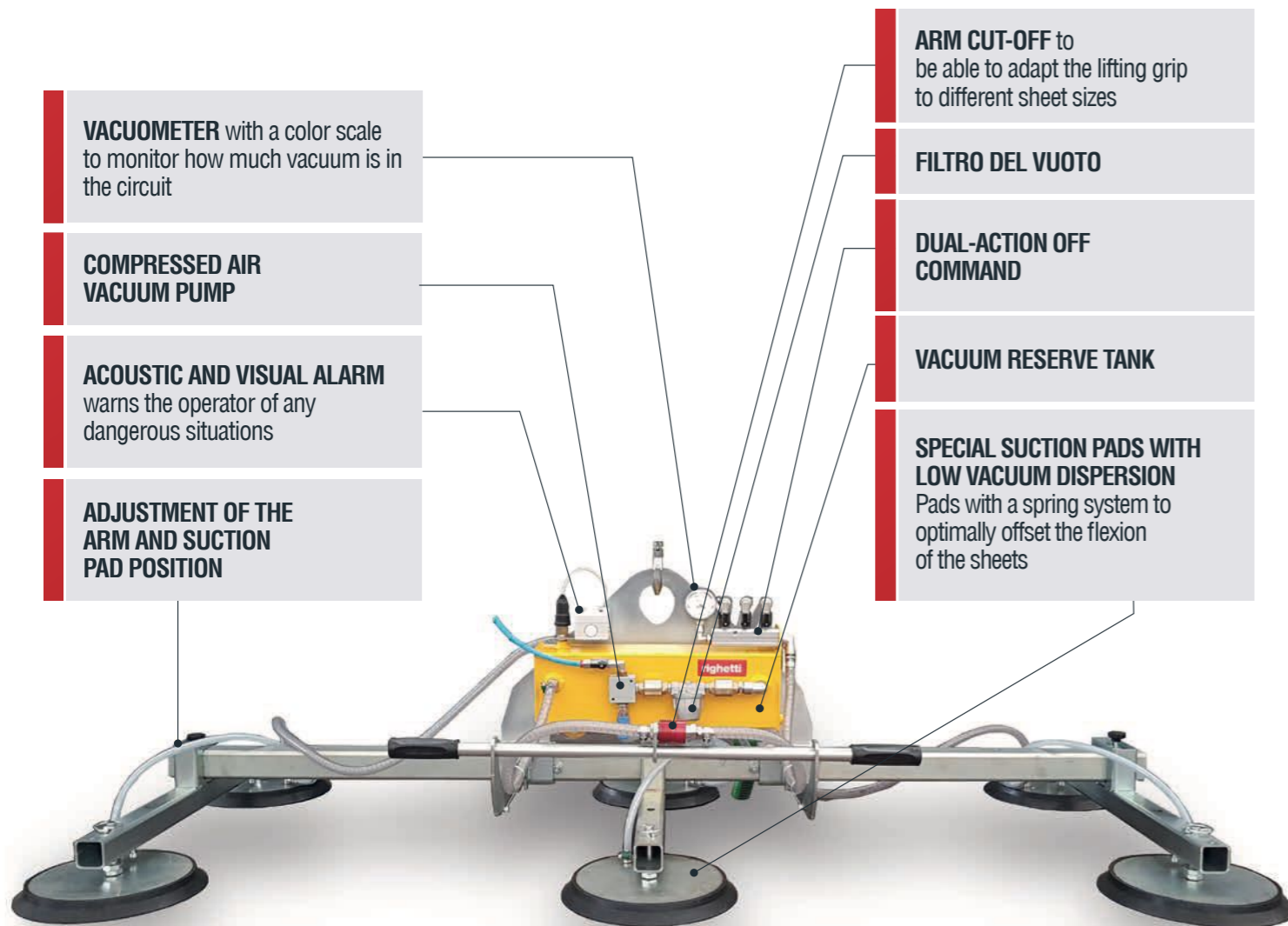
Technical drawing



Another solution for handling sheet metal, aluminium and stainless steel is a pneumatic vacuum lifter.

Vacuum lifters powered by compressed air are the ideal solution for jib cranes and other lifting means where pneumatic power supply is reachable. Thanks to their on-board Venturi vacuum pump, Righetti vacuum lifters with pneumatic power supply simply need a connection to the air compressor.

Each series will be available with different lengths of the beam.



Vacuum lifter for sheet metal

compressed air operated



Compressed air powered



Horizontal movement

Righetti
smart vacuum lifters

FS4A

Power supply
AIR compressed air

n° of pads
4



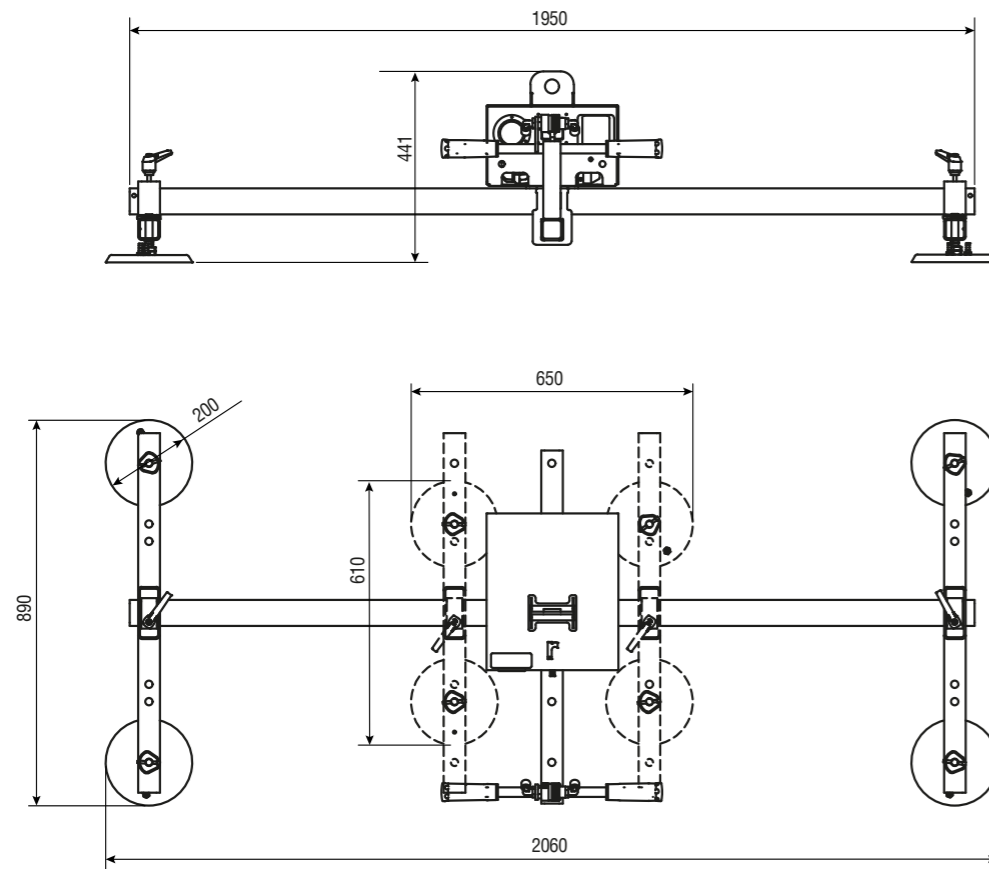
Vacuum lifter with lowered structure to reduce the below-the-hook height. The lifter's frame is horizontally fixed and is equipped with 4 suction pads. Cross arms are freely adjustable on the central beam.

Series FS4A 250

 **Kg max 250**

| Pads | | Lifting capacity | L | Arms | | X (mm) | | Y (mm) | | Product code |
|------|-----|------------------|------|------|-----|--------|------|--------|-----|--------------|
| nr. | Ø | kg | mm | nr. | mm | min | max | min | max | |
| 4 | 200 | 250 | 1950 | 2 | 830 | 650 | 2060 | 610 | 890 | FS4A 250 |

Technical drawing



FS6A

Power supply
AIR compressed air

n° of pads
6



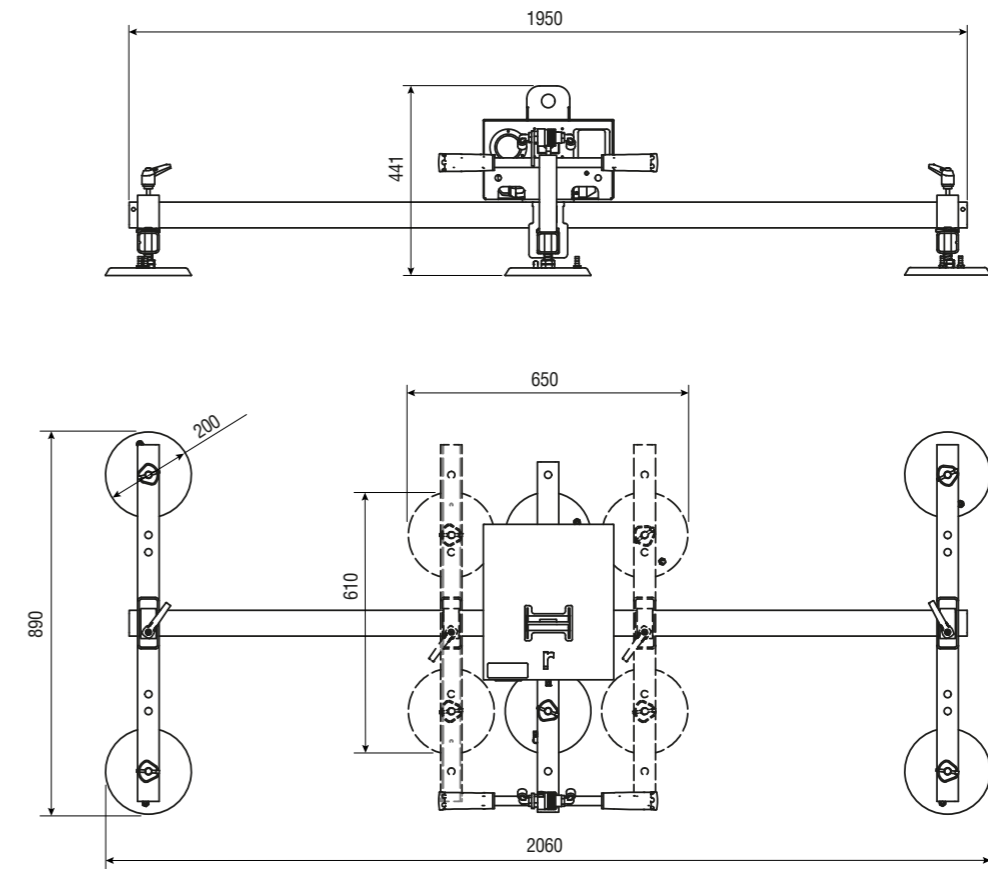
Vacuum lifter with lowered structure to reduce the below-the-hook height. The lifter's frame is horizontally fixed and is equipped with 6 suction pads. Side cross arms are freely adjustable along the central beam.

Series FS6A 500

 **Kg max 500**

| Pads | | Lifting capacity | L | Arms | | X (mm) | | Y (mm) | | Product code |
|------|-----|------------------|------|------|-----|--------|------|--------|-----|--------------|
| nr. | Ø | kg | mm | nr. | mm | min | max | min | max | |
| 6 | 200 | 500 | 1950 | 3 | 830 | 650 | 2060 | 610 | 890 | FS6A 500 |

Technical drawing



FS8A

Power supply
AIR compressed air

n° of pads
8



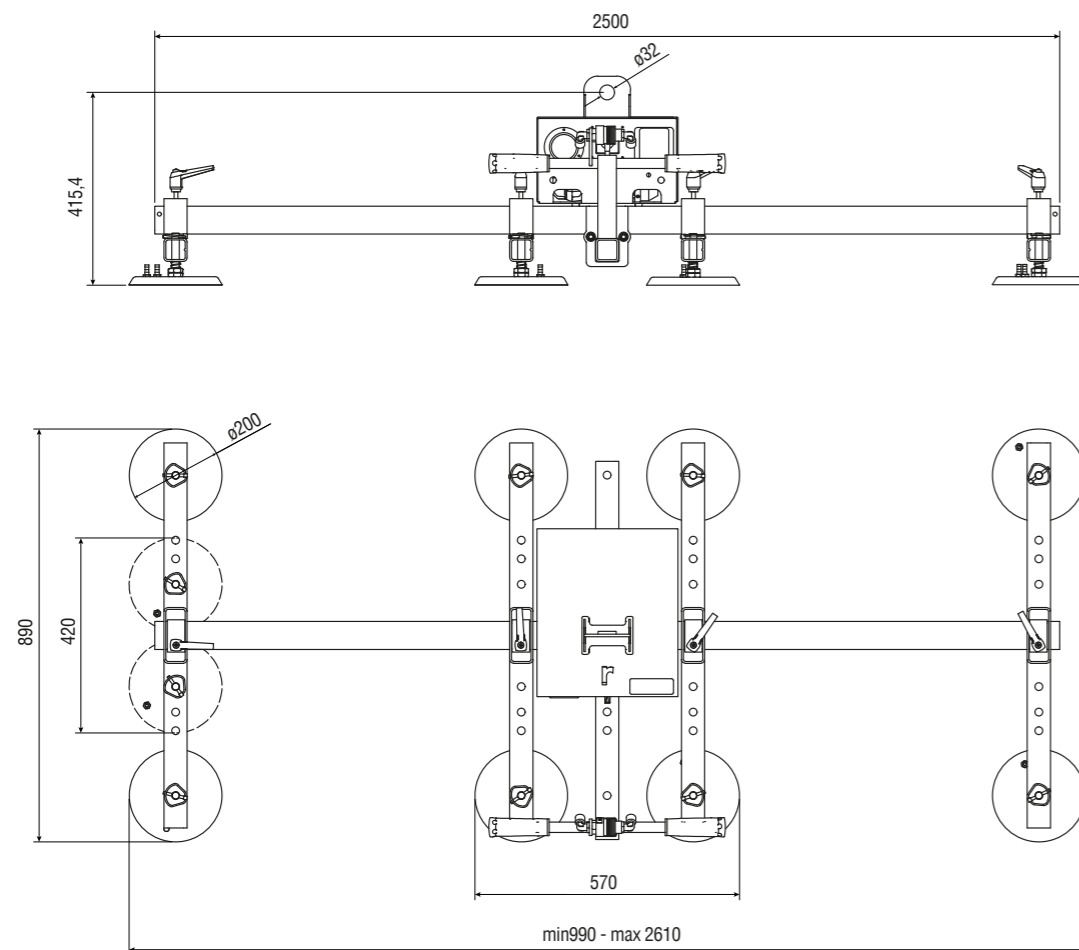
Vacuum lifter with lowered frame to reduce the below-the-hook-height. The frame is horizontally fixed and it's equipped with 8 suction pads. The suction pads are grouped by two on the four repositionable arms.

Series FS8A 600

Kg max 600

| Pads | | Lifting capacity | L | Arms | | X (mm) | | Y (mm) | | Product code |
|------|-----|------------------|------|------|-----|--------|------|--------|-----|--------------|
| nr. | Ø | kg | mm | nr. | mm | min | max | min | max | |
| 8 | 200 | 600 | 2500 | 4 | 830 | 990 | 2610 | 420 | 890 | FS8A 600 |

Technical drawing



F4A

Power supply
AIR compressed air

n° of pads
4



Vacuum lifter with steel frame structure fixed in horizontal position. This lifter has a central beam at your choosing length (standard versions from 1500 to 3000 mm), two adjustable cross arms and four vacuum pads.

Series F4A 600

Kg max 600

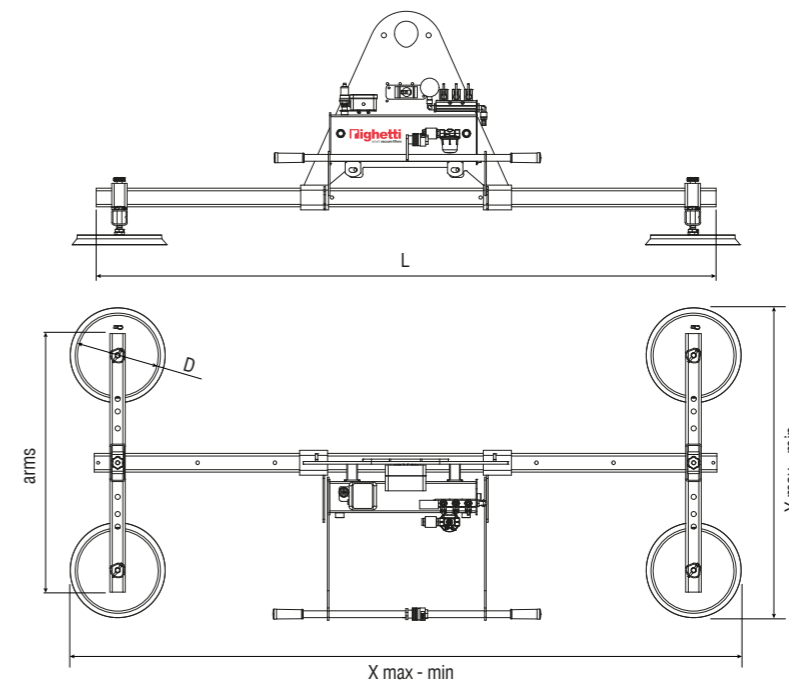
| Pads | | Lifting capacity | L | Arms | | X (mm) | | Y (mm) | | Product code |
|------|------|------------------|------|------|------|--------|--------------------|--------|------|--------------------|
| nr. | Ø | kg | mm | nr. | mm | min | max | min | max | |
| 4 | 310 | 600 | 1500 | 2 | 830 | 1145 | 1655 | 635 | 1000 | F4A600/3-1500/750 |
| | | | 2000 | 2 | 830 | 1145 | 2155 | 635 | 1000 | F4A600/3-2000/750 |
| | | | | | 1330 | 1145 | 2155 | 635 | 1500 | F4A600/3-2000/1270 |
| | | | 3000 | 2 | 830 | 1145 | 3155 | 635 | 1000 | F4A600/3-3000/750 |
| 1330 | 1145 | 3155 | | | 635 | 1500 | F4A600/3-3000/1270 | | | |

Series F4A 1000

Kg max 1000

| Pads | | Lifting capacity | L | Arms | | X (mm) | | Y (mm) | | Product code |
|------|------|------------------|------|------|------|--------|---------------------|--------|------|---------------------|
| nr. | Ø | kg | mm | nr. | mm | min | max | min | max | |
| 4 | 390 | 1000 | 1500 | 2 | 830 | 1225 | 1735 | 800 | 1080 | F4A1000/4-1500/750 |
| | | | 2000 | 2 | 830 | 1225 | 2235 | 800 | 1080 | F4A1000/4-2000/750 |
| | | | | | 1330 | 1225 | 2235 | 800 | 1580 | F4A1000/4-2000/1270 |
| | | | 3000 | 2 | 830 | 1225 | 3235 | 800 | 1080 | F4A1000/4-3000/750 |
| 1330 | 1225 | 3235 | | | 800 | 1580 | F4A1000/4-3000/1270 | | | |

Technical drawing



F6A

Power supply
AIR compressed air

n° of pads
6



Vacuum lifter with steel frame structure fixed in horizontal position. This lifter has a central beam at your choosing length (standard versions from 1500 to 3000 mm), three adjustable cross arms and six vacuum pads

Series F6A 1000

Kg max 1000

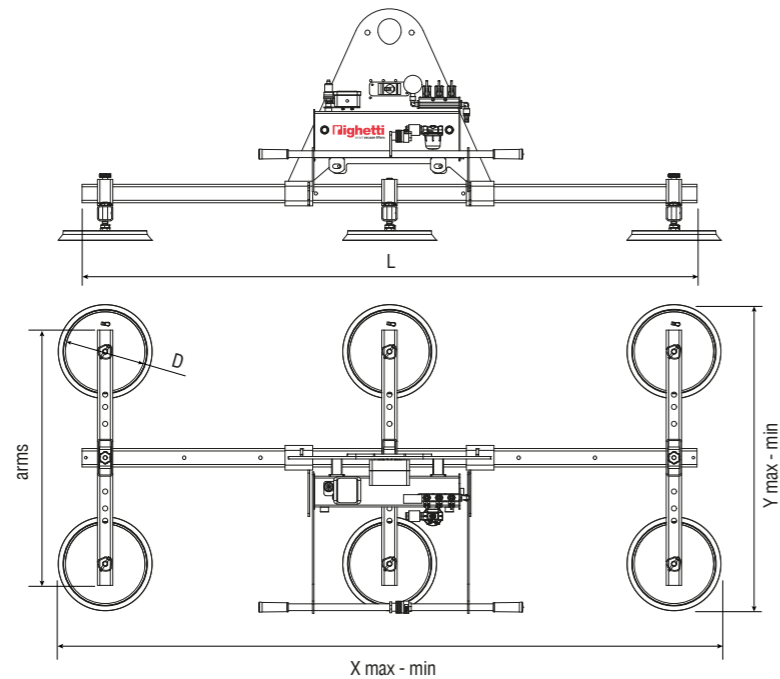
| Pads | | Lifting capacity | L | Arms | | X (mm) | | Y (mm) | | Product code |
|------|------|------------------|------|------|------|--------|---------------------|--------|------|---------------------|
| nr. | ∅ | | | nr. | mm | min | max | min | max | |
| 6 | 310 | 1000 | 1500 | 3 | 830 | 1145 | 1655 | 635 | 1000 | F6A1000/3-1500/750 |
| | | | 2000 | 3 | 830 | 1145 | 2155 | 635 | 1000 | F6A1000/3-2000/750 |
| | | | | | 1330 | 1145 | 2155 | 635 | 1500 | F6A1000/3-2000/1270 |
| | | | 3000 | 3 | 830 | 1145 | 3065 | 635 | 1000 | F6A1000/3-3000/750 |
| 1330 | 1145 | 3065 | | | 635 | 1500 | F6A1000/3-3000/1270 | | | |

Series F6A 1800

Kg max 1800

| Pads | | Lifting capacity | L | Arms | | X (mm) | | Y (mm) | | Product code |
|------|------|------------------|------|------|------|--------|---------------------|--------|------|---------------------|
| nr. | ∅ | | | nr. | mm | min | max | min | max | |
| 6 | 390 | 1800 | 1500 | 3 | 830 | 1230 | 1740 | 800 | 1080 | F6A1800/4-1500/750 |
| | | | 2000 | 3 | 830 | 1230 | 2240 | 800 | 1080 | F6A1800/4-2000/750 |
| | | | | | 1330 | 1230 | 2240 | 800 | 1580 | F6A1800/4-2000/1270 |
| | | | 3000 | 3 | 830 | 1230 | 3150 | 800 | 1080 | F6A1800/4-3000/750 |
| 1330 | 1230 | 3150 | | | 800 | 1580 | F6A1800/4-3000/1270 | | | |

Technical drawing



Righetti
smart vacuum lifters

FTS6A

Power supply
AIR compressed air

n° of pads
6



Vacuum lifter with telescopic frame, which is ideal for various formats of sheet metal up to 4000x2000mm. Its lowered frame reduces the below-the-hook height. The handlebar is extendable to guarantee a higher safety of the worker during the sheet handling.

Series FTS6A 1000

Kg max 1000

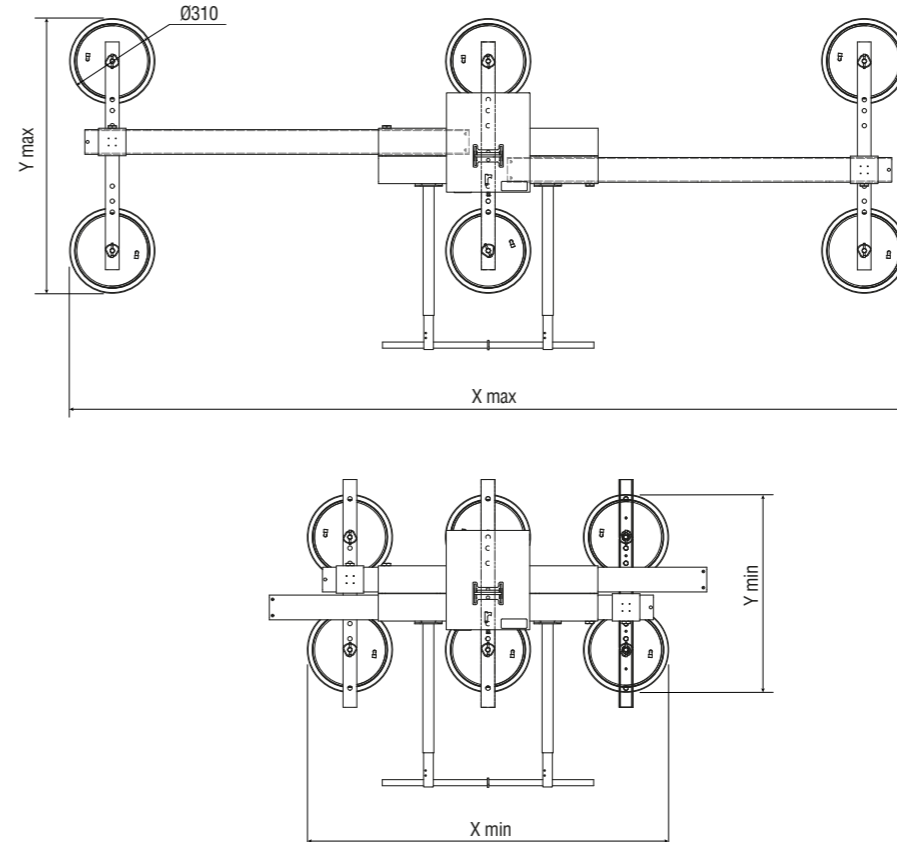
| Pads | | Lifting capacity | Arms | | X (mm) | | Y (mm) | | Product code |
|------|-----|------------------|------|-----|--------|------|--------|-----|--------------|
| nr. | ∅ | | nr. | mm | min | max | min | max | |
| 6 | 310 | 1000 | 3 | 830 | 1366 | 3120 | 706 | 985 | FTS6A1000 |

Series FTS6A 1800

Kg max 1800

| Pads | | Lifting capacity | Arms | | X (mm) | | Y (mm) | | Product code |
|------|-----|------------------|------|-----|--------|------|--------|------|--------------|
| nr. | ∅ | | nr. | mm | min | max | min | max | |
| 6 | 390 | 1800 | 3 | 830 | 1446 | 3200 | 791 | 1065 | FTS6A1800 |

Technical drawing



Telescopic handlebar



Righetti
smart vacuum lifters

F8A

Power supply
AIR compressed air

n° of pads
8



Vacuum lifter with steel frame structure fixed in horizontal position. This lifter has a central beam at your choosing length (standard versions 2500 or 4000 mm), four adjustable cross arms and eight vacuum pads.

Series F8A 700

Kg max 700

| Pads | | Lifting capacity | L | Arms | | X (mm) | | | Y (mm) | | Product code |
|------|-----|------------------|------|------|-----|--------|------|------|--------|-----|-------------------|
| nr. | ∅ | | | kg | nr. | mm | X1 | min | max | min | |
| 8 | 200 | 700 | 2500 | 4 | 830 | 1035 | 2005 | 2455 | 420 | 890 | F8A700/2-2500/750 |
| | | | 3000 | 4 | 830 | 1035 | 2005 | 2955 | 420 | 890 | F8A700/2-3000/750 |
| | | | 3500 | 4 | 830 | 1035 | 2005 | 3455 | 420 | 890 | F8A700/2-3500/750 |

Series F8A 1500

Kg max 1500

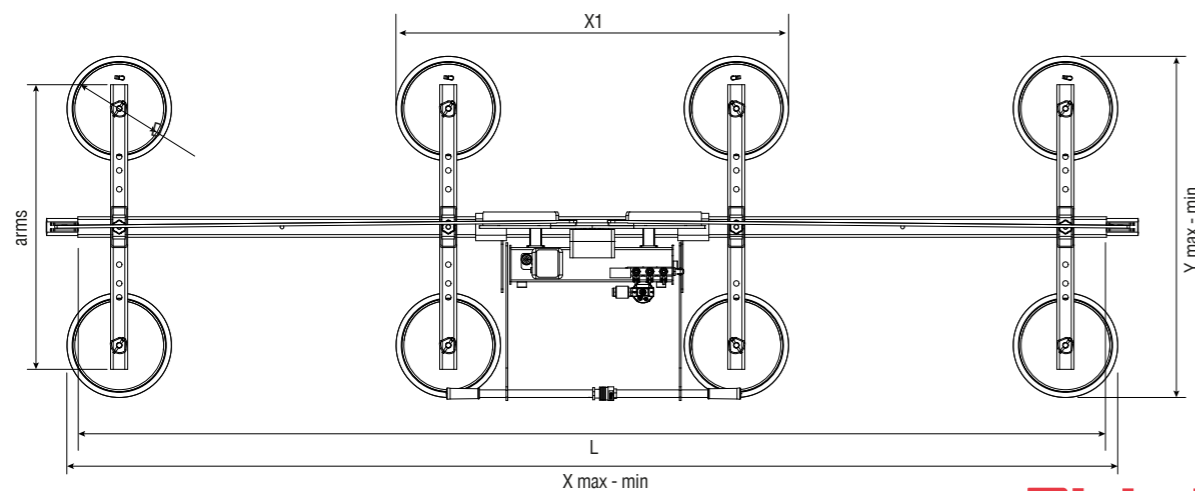
| Pads | | Lifting capacity | L | Arms | | X (mm) | | | Y (mm) | | Product code |
|------|-----|------------------|------|------|------|--------|------|------|--------|------|---------------------|
| nr. | ∅ | | | kg | nr. | mm | X1 | min | max | min | |
| 8 | 310 | 1500 | 3000 | 4 | 830 | 1145 | 2115 | 3065 | 635 | 1005 | F8A1500/3-3000/750 |
| | | | | | 1330 | 1145 | 2115 | 3065 | 635 | 1500 | F8A1500/3-3000/1270 |
| | | | | | 1330 | 1145 | 2115 | 4065 | 635 | 1500 | F8A1500/3-4000/1270 |

Series F8A 2400

Kg max 2400

| Pads | | Lifting capacity | L | Arms | | X (mm) | | | Y (mm) | | Product code |
|------|-----|------------------|------|------|------|--------|------|------|--------|------|---------------------|
| nr. | ∅ | | | kg | nr. | mm | X1 | min | max | min | |
| 8 | 390 | 2400 | 3000 | 4 | 830 | 1230 | 2200 | 3150 | 800 | 1080 | F8A2400/4-3000/750 |
| | | | | | 1330 | 1230 | 2200 | 3150 | 800 | 1580 | F8A2400/4-3000/1270 |
| | | | | | 1330 | 1230 | 2200 | 4150 | 800 | 1580 | F8A2400/4-4000/1270 |

Technical drawing



FT10A

Power supply
AIR compressed air

n° of pads
10



Vacuum lifter with telescopic frame with length adjustment, perfect for sheet metal of variable dimensions, up to 6000 mm. The ten vacuum pads are placed on 5 cross-arms.

Series FT10A 800

Kg max 800

| Pads | | Lifting capacity | Arms | | X1 (mm) | | X (mm) | | Y (mm) | | Product code |
|------|-----|------------------|------|------|---------|------|--------|------|--------|------|--------------|
| nr. | ∅ | | nr. | mm | min | max | min | max | min | max | |
| 10 | 200 | 800 | 5 | 1330 | 1015 | 2215 | 2655 | 4900 | 530 | 1390 | FT10A800 |

Series FT10A 2000

Kg max 2000

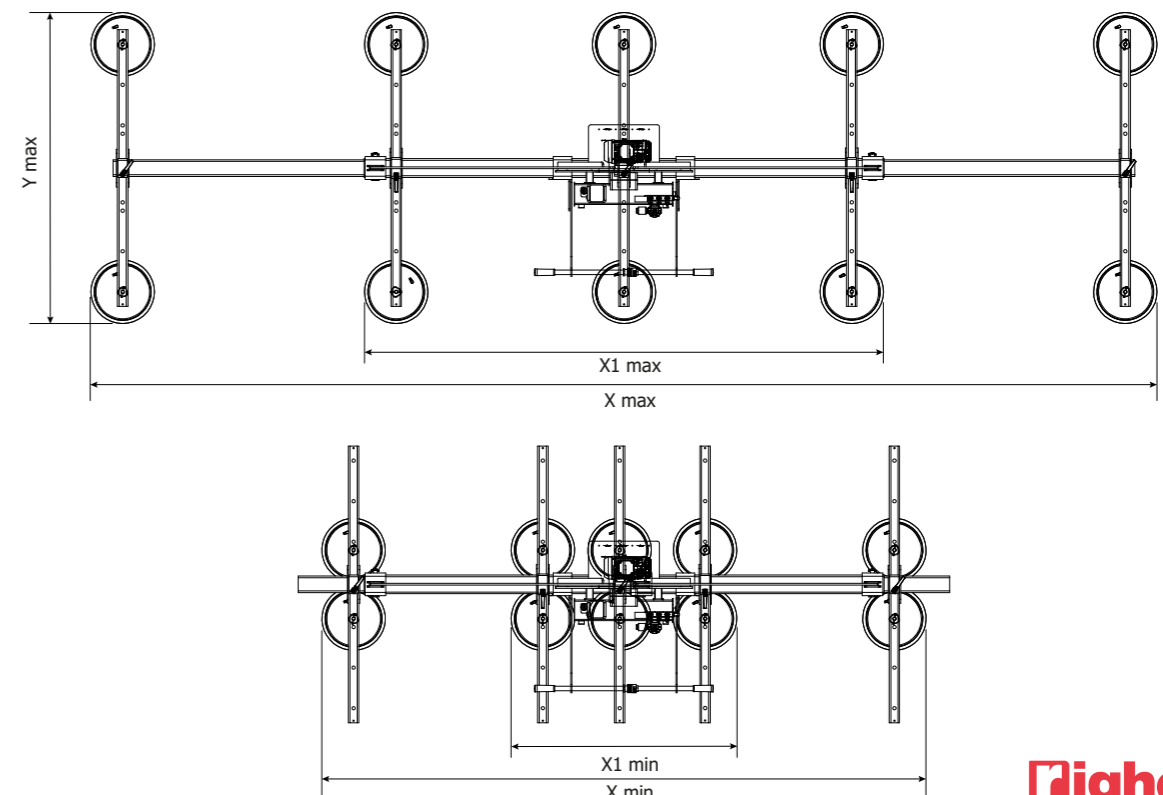
| Pads | | Lifting capacity | Arms | | X1 (mm) | | X (mm) | | Y (mm) | | Product code |
|------|-----|------------------|------|------|---------|------|--------|------|--------|------|--------------|
| nr. | ∅ | | nr. | mm | min | max | min | max | min | max | |
| 10 | 310 | 2000 | 5 | 1330 | 1125 | 2325 | 2765 | 5010 | 640 | 1500 | FT10A2000 |

Series FT10A 3000

Kg max 3000

| Pads | | Lifting capacity | Arms | | X1 (mm) | | X (mm) | | Y (mm) | | Product code |
|------|-----|------------------|------|------|---------|------|--------|------|--------|------|--------------|
| nr. | ∅ | | nr. | mm | min | max | min | max | min | max | |
| 10 | 390 | 3000 | 5 | 1330 | 1205 | 2405 | 2845 | 5090 | 800 | 1580 | FT10A23000 |

Technical drawing



F10A

Power supply
AIR compressed air

n° of pads
10



Vacuum lifter with steel frame structure fixed in horizontal position. This lifter has a central beam at your choosing length (standard versions from 3000 to 5000 mm), five adjustable cross-arms and ten vacuum pads.

Series F10A 2000

Kg max 2000

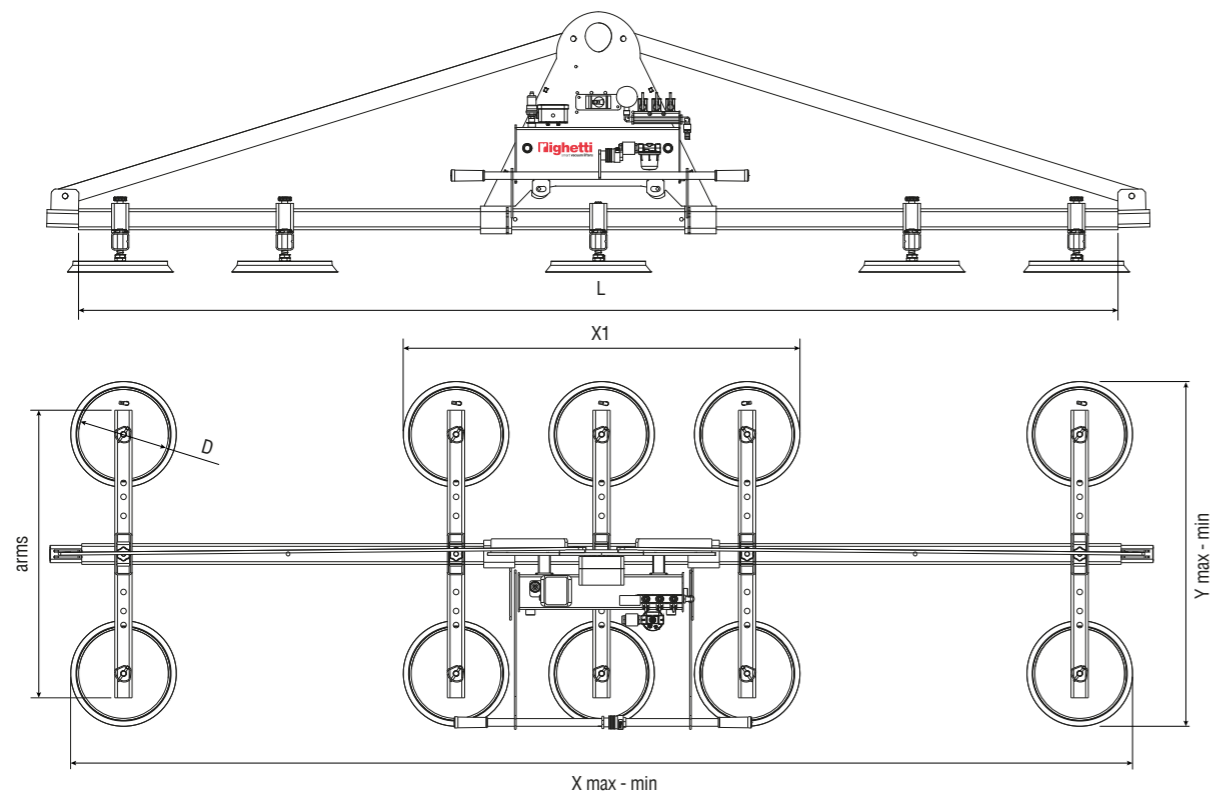
| Pads | | Lifting capacity | L | Arms | | X (mm) | | | Y (mm) | | Product code |
|------|-----|------------------|------|------|------|--------|------|------|--------|------|----------------------|
| nr. | Ø | | | kg | mm | nr. | mm | X1 | min | max | |
| 10 | 310 | 2000 | 3000 | 5 | 830 | 1145 | 2115 | 3065 | 640 | 1000 | F10A2000/3-3000/750 |
| | | | | 5 | 1330 | 1145 | 2115 | 3065 | 640 | 1500 | F10A2000/3-3000/1270 |
| | | | | 5 | 1330 | 1145 | 2115 | 4065 | 640 | 1500 | F10A2000/3-4000/1270 |
| | | | | 5 | 1330 | 1145 | 2115 | 5065 | 640 | 1500 | F10A2000/3-5000/1270 |

Series F10A 3000

Kg max 3000

| Piastre | | Portata | L | Braccetti | | X (mm) | | | Y (mm) | | Product code |
|---------|-----|---------|------|-----------|------|--------|------|------|--------|------|----------------------|
| nr. | Ø | | | kg | mm | nr. | mm | X1 | min | max | |
| 10 | 390 | 3000 | 3000 | 5 | 1330 | 1230 | 2195 | 3150 | 800 | 1580 | F10A3000/4-3000/1270 |
| | | | | 5 | 1330 | 1230 | 2195 | 4150 | 800 | 1580 | F10A3000/4-4000/1270 |
| | | | | 5 | 1330 | 1230 | 2195 | 5150 | 800 | 1580 | F10A3000/4-5000/1270 |

Technical drawing



F14A

Power supply
AIR compressed air

n° of pads
14



Vacuum lifter with steel frame structure fixed in horizontal position. This lifter has a central beam at your choosing length (standard versions from 4000 to 6000 mm), seven adjustable cross-arms and fourteen vacuum pads.

Series F14A 2800

Kg max 2800

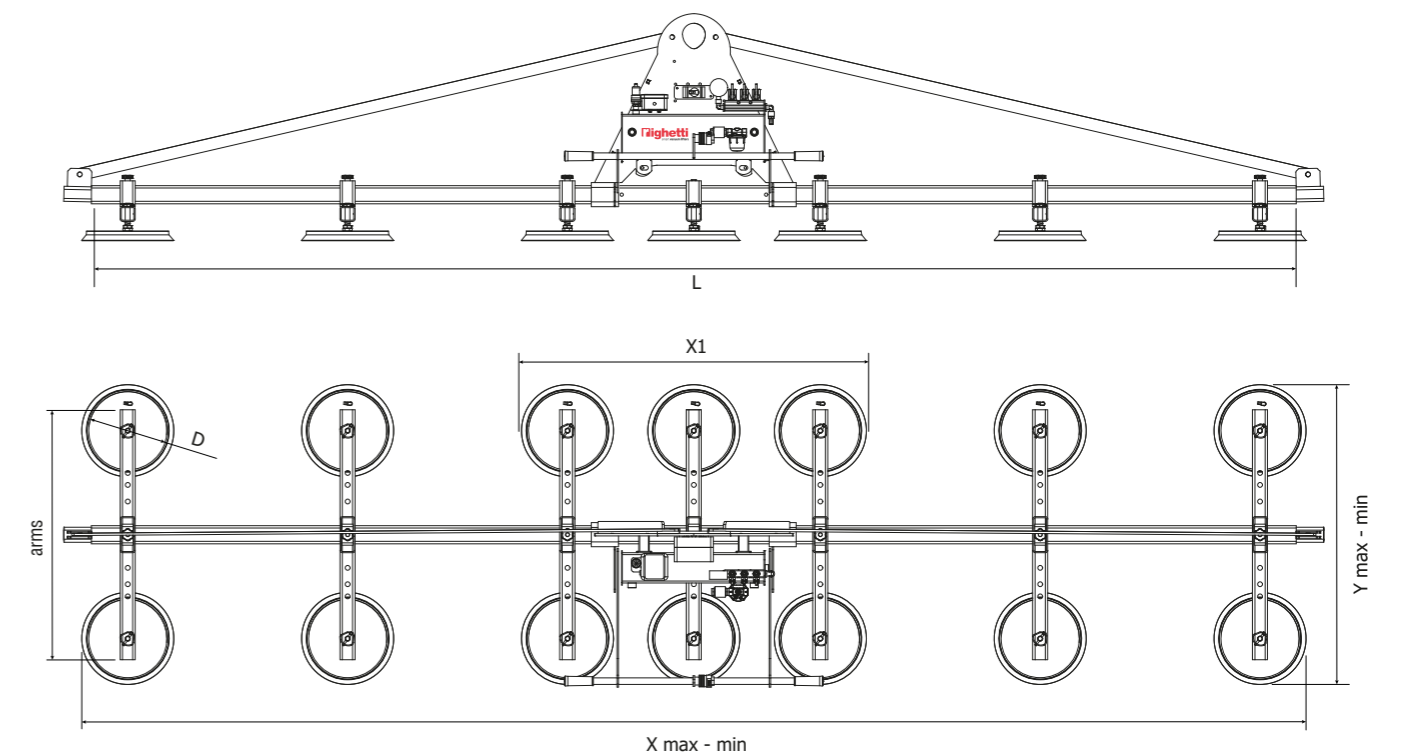
| Pads | | Lifting capacity | L | Arms | | X (mm) | | | Y (mm) | | Product code |
|------|-----|------------------|------|------|------|--------|------|------|--------|------|----------------------|
| nr. | Ø | | | kg | mm | nr. | mm | X1 | min | max | |
| 14 | 310 | 2800 | 4000 | 7 | 830 | 1145 | 3105 | 4065 | 635 | 1000 | F14A2800/3-4000/750 |
| | | | | 7 | 1330 | 1145 | 3105 | 4065 | 635 | 1500 | F14A2800/3-4000/1270 |

Series F14A 4200

Kg max 4200

| Pads | | Lifting capacity | L | Arms | | X (mm) | | | Y (mm) | | Product code |
|------|-----|------------------|------|------|------|--------|------|------|--------|------|----------------------|
| nr. | Ø | | | kg | mm | nr. | mm | X1 | min | max | |
| 14 | 390 | 4200 | 4000 | 7 | 1330 | 1299 | 3139 | 4145 | 800 | 1580 | F14A4200/4-4000/1270 |
| | | | | 7 | 1330 | 1299 | 3139 | 5145 | 800 | 1580 | F14A4200/4-5000/1270 |
| | | | | 7 | 1330 | 1299 | 3139 | 6145 | 800 | 1580 | F14A4200/4-6000/1270 |

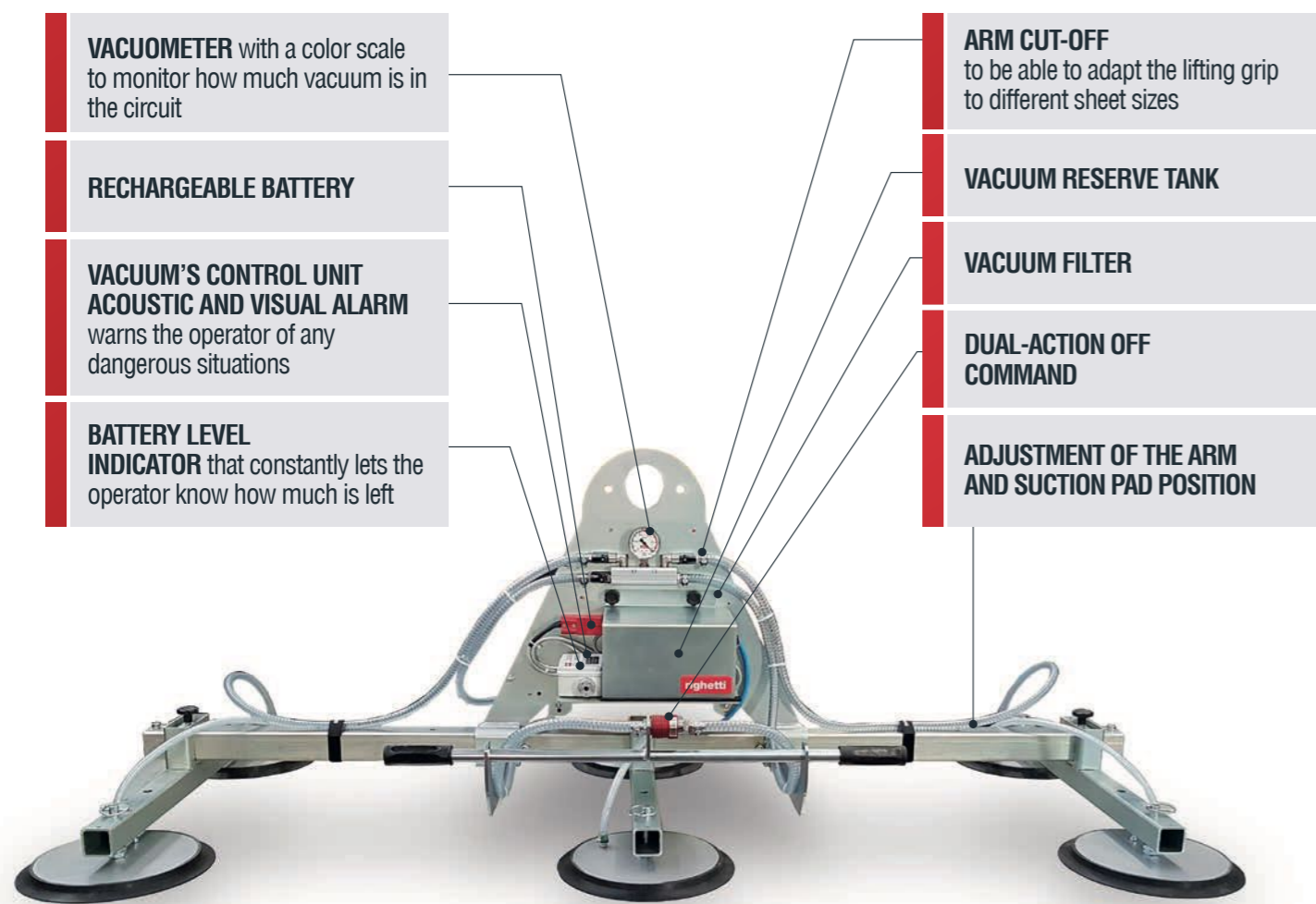
Technical drawing



The F-B series includes sheet metal vacuum lifters powered by on-board rechargeable batteries.

Battery-powered vacuum lifters are the perfect solution for working in those situations where it is not possible to guarantee the power supply. Batteries are rechargeable via the battery charger (included).

These models are equipped with an on-board PLC computer that ensures the proper functioning of the main components of the lifter, allowing you to work safely.



Vacuum lifter for sheet metal

battery operated



Battery powered



Horizontal movement

FS4B

Power supply
 battery

n° of pads
4



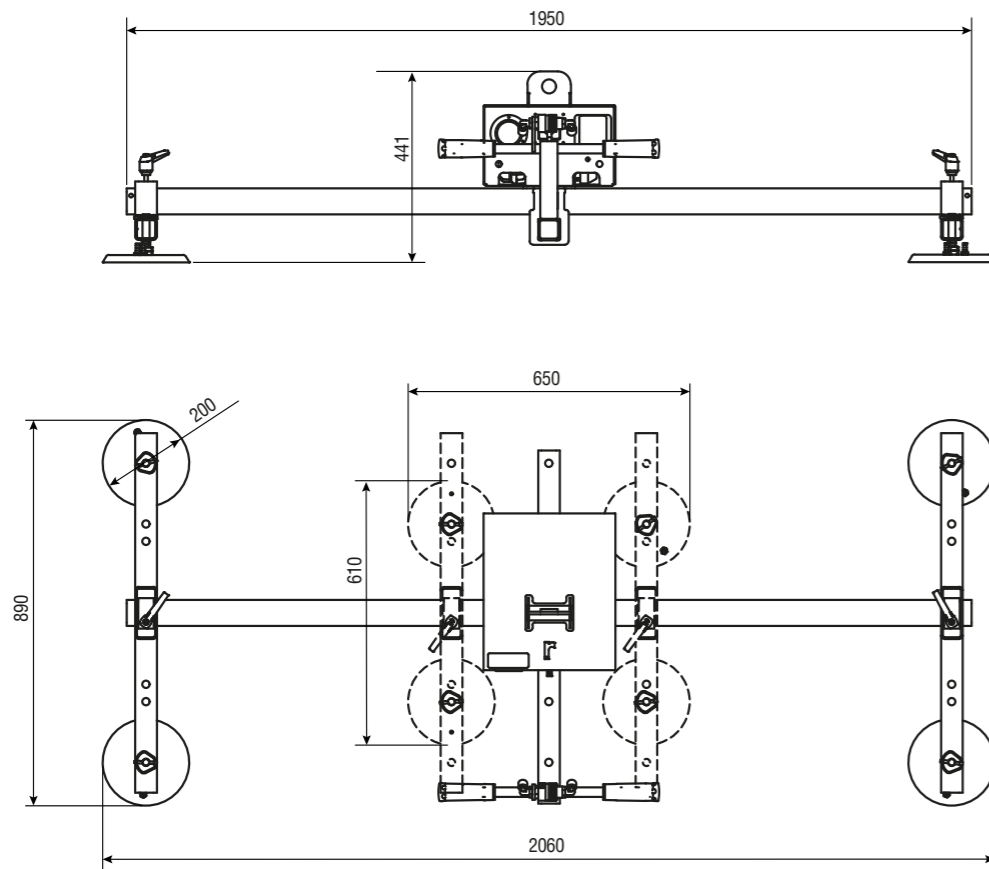
Vacuum lifter with lowered structure to reduce the below-the-hook height. The lifter's frame is horizontally fixed and is equipped with 4 suction pads. Cross arms are freely adjustable on the central beam.

Series FS4B 250

 **Kg max 250**

| Pads | | Lifting capacity kg | L mm | Arms | | X (mm) | | Y (mm) | | Product code |
|------|-----|------------------------|---------|------|-----|--------|------|--------|-----|--------------|
| nr. | ∅ | | | nr. | mm | min | max | min | max | |
| 4 | 200 | 250 | 1950 | 2 | 830 | 650 | 2060 | 610 | 890 | FS4B 250 |

Technical drawing



FS6B

Power supply
 battery

n° of pads
6



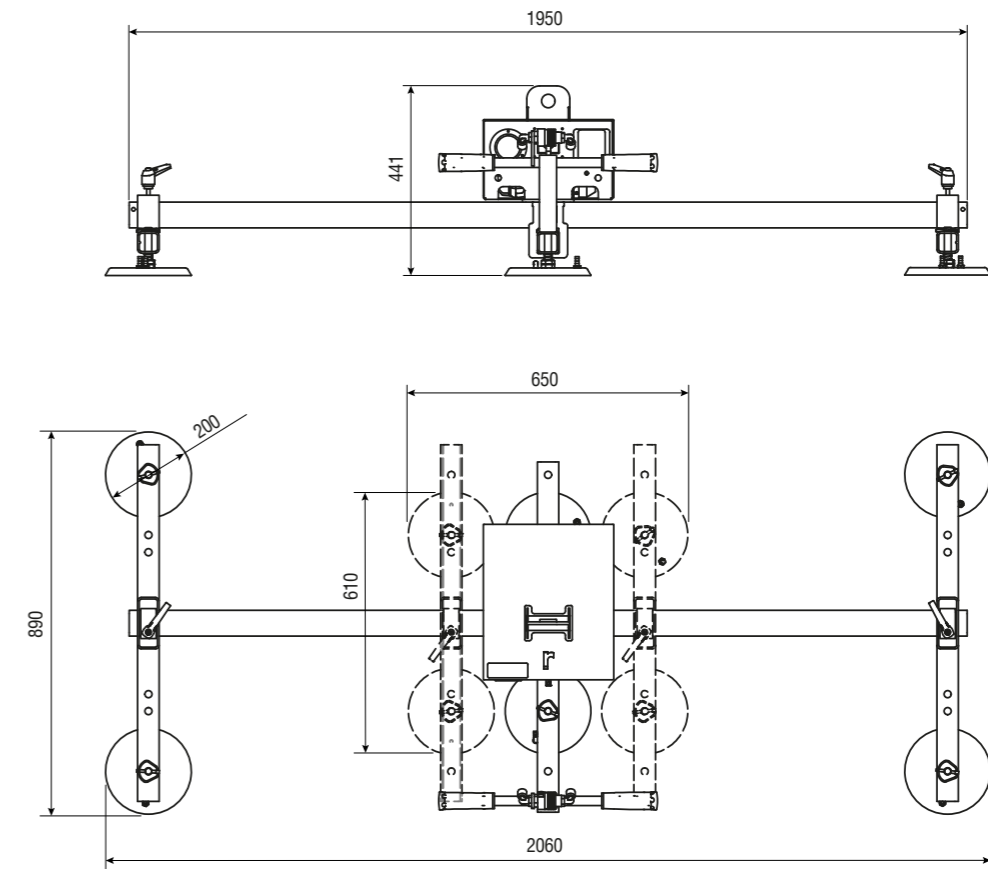
Vacuum lifter with lowered structure to reduce the below-the-hook height. The lifter's frame is horizontally fixed and is equipped with 6 suction pads. Side cross arms are freely adjustable along the central beam.

Series FS6B 500

 **Kg max 500**

| Pads | | Lifting capacity kg | L mm | Arms | | X (mm) | | Y (mm) | | Product code |
|------|-----|------------------------|---------|------|-----|--------|------|--------|-----|--------------|
| nr. | ∅ | | | nr. | mm | min | max | min | max | |
| 6 | 200 | 500 | 1950 | 3 | 830 | 650 | 2060 | 610 | 890 | FS6B 500 |

Technical drawing



FS8B

Power supply
battery

n° of pads
8



Horizontal movement

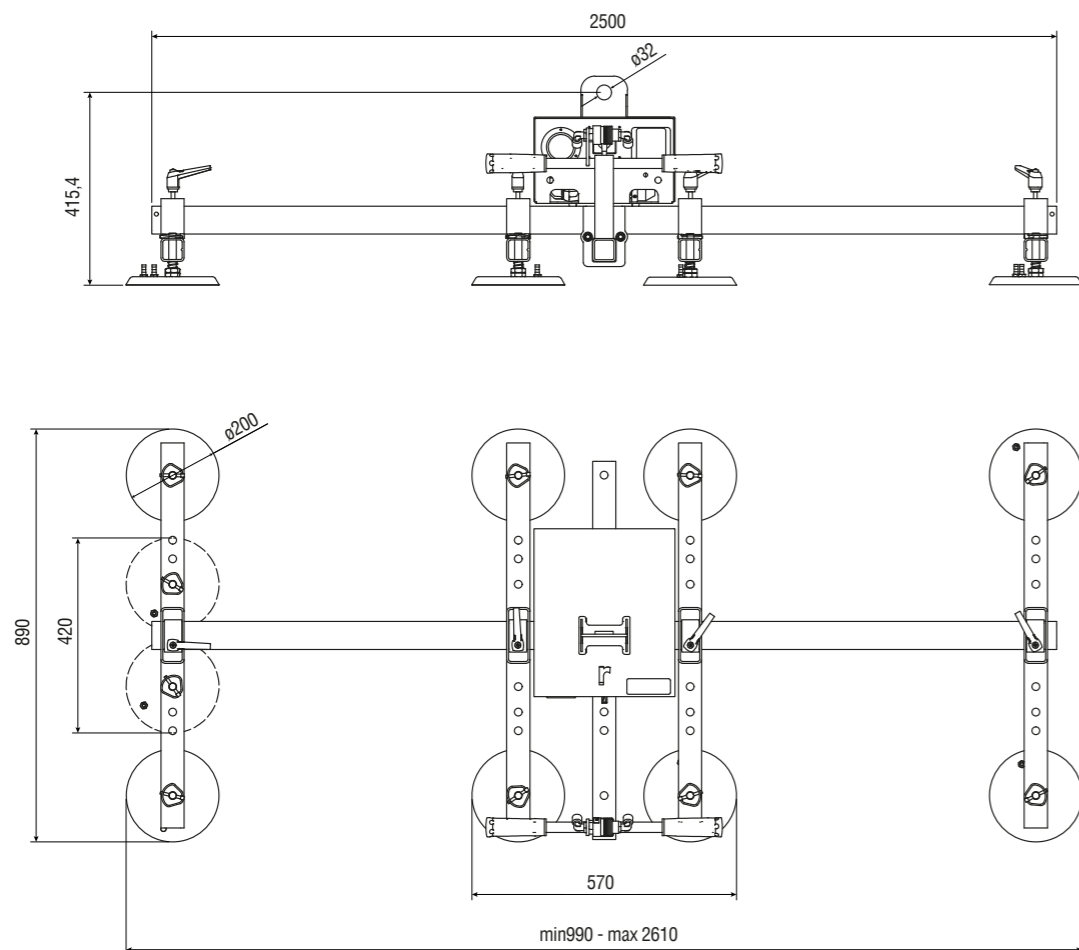
Vacuum lifter with lowered frame to reduce the below-the-hook-height. The frame is horizontally fixed and it's equipped with 8 suction pads. The suction pads are grouped by two on the four repositionable arms.

Series FS8B 600

Kg max 600

| Pads | | Lifting capacity | L | Arms | | X (mm) | | Y (mm) | | Product code |
|------|-----|------------------|------|------|-----|--------|------|--------|-----|--------------|
| nr. | Ø | kg | mm | nr. | mm | min | max | min | max | |
| 8 | 200 | 600 | 2500 | 4 | 830 | 990 | 2610 | 420 | 890 | FS8B 600 |

Technical drawing



F4B

Power supply
battery

n° of pads
4



Horizontal movement



Vacuum lifter with steel frame structure fixed in horizontal position. This lifter has a central beam at your choosing length (standard versions from 1500 to 3000 mm), two adjustable cross arms and four vacuum pads.

Series F4B 600

Kg max 600

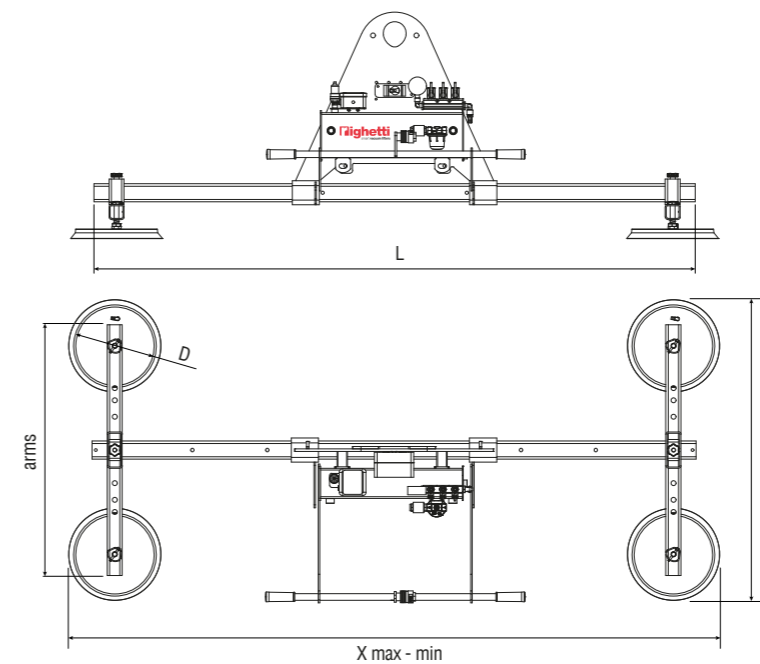
| Pads | | Lifting capacity | L | Arms | | X (mm) | | Y (mm) | | Product code |
|------|------|------------------|------|------|------|--------|--------------------|--------|------|--------------------|
| nr. | Ø | kg | mm | nr. | mm | min | max | min | max | |
| 4 | 310 | 600 | 1500 | 2 | 830 | 1145 | 1655 | 635 | 1000 | F4B600/3-1500/750 |
| | | | 2000 | 2 | 830 | 1145 | 2155 | 635 | 1000 | F4B600/3-2000/750 |
| | | | | | 1330 | 1145 | 2155 | 635 | 1500 | F4B600/3-2000/1270 |
| | | | 3000 | 2 | 830 | 1145 | 3155 | 635 | 1000 | F4B600/3-3000/750 |
| 1330 | 1145 | 3155 | | | 635 | 1500 | F4B600/3-3000/1270 | | | |

Series F4B 1000

Kg max 1000

| Pads | | Lifting capacity | L | Arms | | X (mm) | | Y (mm) | | Product code |
|------|------|------------------|------|------|------|--------|---------------------|--------|------|---------------------|
| nr. | Ø | kg | mm | nr. | mm | min | max | min | max | |
| 4 | 390 | 1000 | 1500 | 2 | 830 | 1225 | 1735 | 800 | 1080 | F4B1000/4-1500/750 |
| | | | 2000 | 2 | 830 | 1225 | 2235 | 800 | 1080 | F4B1000/4-2000/750 |
| | | | | | 1330 | 1225 | 2235 | 800 | 1580 | F4B1000/4-2000/1270 |
| | | | 3000 | 2 | 830 | 1225 | 3235 | 800 | 1080 | F4B1000/4-3000/750 |
| 1330 | 1225 | 3235 | | | 800 | 1580 | F4B1000/4-3000/1270 | | | |

Technical drawing



Optional
Forklift structure
Radio remote control



F6B

Power supply
battery

n° of pads
6



Horizontal movement



Vacuum lifter with steel frame structure fixed in horizontal position. This lifter has a central beam at your choosing length (standard versions from 1500 to 3000 mm), three adjustable cross arms and six vacuum pads.

Series F6B 1000

Kg max 1000

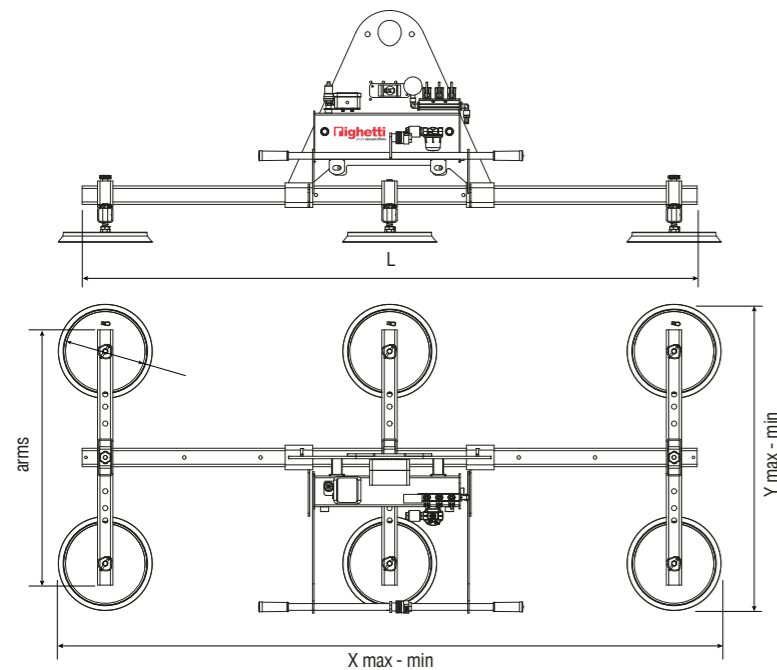
| Pads | | Lifting capacity | L | Arms | | X (mm) | | Y (mm) | | Product code |
|------|------|------------------|------|------|------|--------|---------------------|--------|------|---------------------|
| nr. | Ø | | | nr. | mm | min | max | min | max | |
| 6 | 310 | 1000 | 1500 | 3 | 830 | 1145 | 1655 | 635 | 1000 | F6B1000/3-1500/750 |
| | | | 2000 | 3 | 830 | 1145 | 2155 | 635 | 1000 | F6B1000/3-2000/750 |
| | | | | | 1330 | 1145 | 2155 | 635 | 1500 | F6B1000/3-2000/1270 |
| | | | 3000 | 3 | 830 | 1145 | 3065 | 635 | 1000 | F6B1000/3-3000/750 |
| 1330 | 1145 | 3065 | | | 635 | 1500 | F6B1000/3-3000/1270 | | | |

Series F6B 1800

Kg max 1800

| Pads | | Lifting capacity | L | Arms | | X (mm) | | Y (mm) | | Product code |
|------|------|------------------|------|------|------|--------|---------------------|--------|------|---------------------|
| nr. | Ø | | | nr. | mm | min | max | min | max | |
| 6 | 390 | 1800 | 1500 | 3 | 830 | 1230 | 1740 | 800 | 1080 | F6B1800/4-1500/750 |
| | | | 2000 | 3 | 830 | 1230 | 2240 | 800 | 1080 | F6B1800/4-2000/750 |
| | | | | | 1330 | 1230 | 2240 | 800 | 1580 | F6B1800/4-2000/1270 |
| | | | 3000 | 3 | 830 | 1230 | 3150 | 800 | 1080 | F6B1800/4-3000/750 |
| 1330 | 1230 | 3150 | | | 800 | 1580 | F6B1800/4-3000/1270 | | | |

Technical drawing



Optional
Forklift structure
Radio remote control



Righetti
smart vacuum lifters

FTS6B

Power supply
battery

n° of pads
6



Horizontal movement



Vacuum lifter with telescopic frame, which is ideal for various formats of sheet metal up to 4000x2000mm. Its lowered frame reduces the below-the-hook height. The handlebar is extendable to guarantee a higher safety of the worker during the sheet handling.

Series FTS6B 1000

Kg max 1000

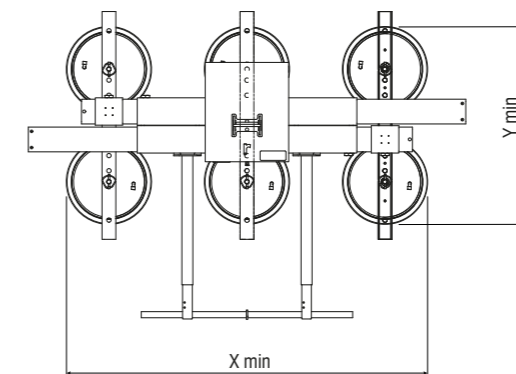
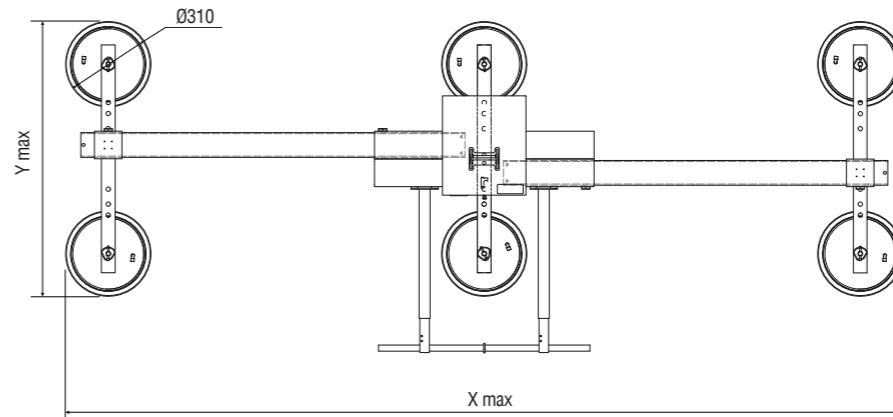
| Pads | | Lifting capacity | Arms | | X (mm) | | Y (mm) | | Product code |
|------|-----|------------------|------|-----|--------|------|--------|-----|--------------|
| nr. | Ø | | nr. | mm | min | max | min | max | |
| 6 | 310 | 1000 | 3 | 830 | 1366 | 3120 | 706 | 985 | FTS6B1000 |

Series FTS6B 1800

Kg max 1800

| Pads | | Lifting capacity | Arms | | X (mm) | | Y (mm) | | Product code |
|------|-----|------------------|------|-----|--------|------|--------|------|--------------|
| nr. | Ø | | nr. | mm | min | max | min | max | |
| 6 | 390 | 1800 | 3 | 830 | 1446 | 3200 | 791 | 1065 | FTS6B1800 |

Technical drawing



Telescopic handlebar



Righetti
smart vacuum lifters

F8B

Power supply
battery

n° of pads
8



Horizontal movement



Vacuum lifter with steel frame structure fixed in horizontal position. This lifter has a central beam at your choosing length (standard versions 2500 or 4000 mm), four adjustable cross arms and eight vacuum pads.

Series F8B 700

Kg max 700

| Pads | | Lifting capacity | L | Arms | | X (mm) | | | Y (mm) | | Product code |
|------|-----|------------------|------|------|-----|--------|------|------|--------|-----|-------------------|
| nr. | ∅ | | | nr. | mm | X1 | min | max | min | max | |
| 8 | 200 | 700 | 2500 | 4 | 830 | 1035 | 2005 | 2455 | 420 | 890 | F8B700/2-2500/750 |
| | | | 3000 | 4 | 830 | 1035 | 2005 | 2955 | 420 | 890 | F8B700/2-3000/750 |
| | | | 3500 | 4 | 830 | 1035 | 2005 | 3455 | 420 | 890 | F8B700/2-3500/750 |

Series F8B 1500

Kg max 1500

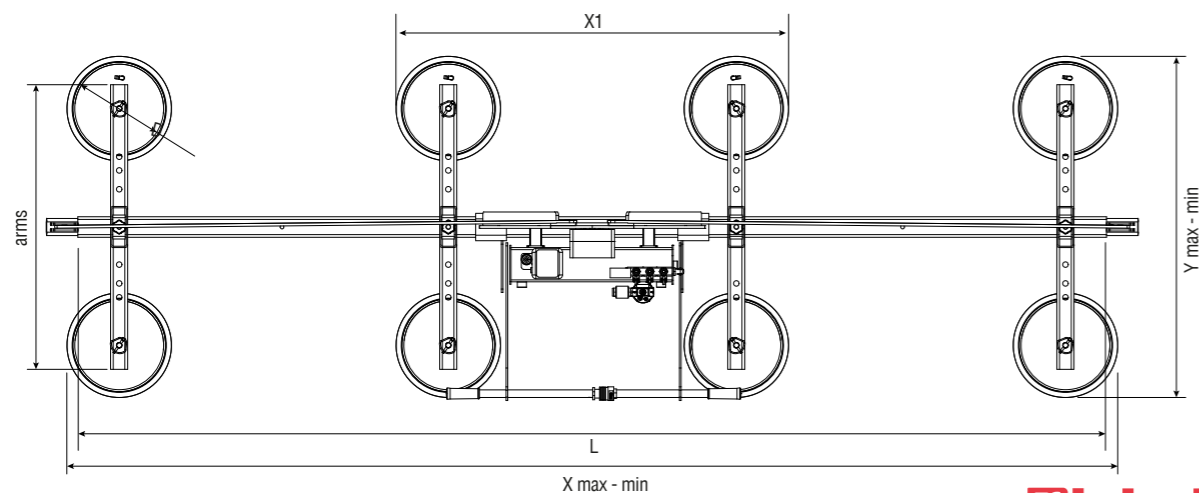
| Pads | | Lifting capacity | L | Arms | | X (mm) | | | Y (mm) | | Product code |
|------|-----|------------------|------|------|------|--------|------|------|--------|---------------------|---------------------|
| nr. | ∅ | | | nr. | mm | X1 | min | max | min | max | |
| 8 | 310 | 1500 | 3000 | 4 | 830 | 1145 | 2115 | 3065 | 635 | 1005 | F8B1500/3-3000/750 |
| | | | 1330 | | 1145 | 2115 | 3065 | 635 | 1500 | F8B1500/3-3000/1270 | |
| | | | 4000 | 4 | 1330 | 1145 | 2115 | 4065 | 635 | 1500 | F8B1500/3-4000/1270 |

Series F8B 2400

Kg max 2400

| Pads | | Lifting capacity | L | Arms | | X (mm) | | | Y (mm) | | Product code |
|------|-----|------------------|------|------|------|--------|------|------|--------|---------------------|---------------------|
| nr. | ∅ | | | nr. | mm | X1 | min | max | min | max | |
| 8 | 390 | 2400 | 3000 | 4 | 830 | 1230 | 2200 | 3150 | 800 | 1080 | F8B2400/4-3000/750 |
| | | | 1330 | | 1230 | 2200 | 3150 | 800 | 1580 | F8B2400/4-3000/1270 | |
| | | | 4000 | 4 | 1330 | 1230 | 2200 | 4150 | 800 | 1580 | F8B2400/4-4000/1270 |

Technical drawing



Righetti
smart vacuum lifters

FT10B

Power supply
battery

n° of pads
10



Horizontal movement



Telescopic



Vacuum lifter with telescopic frame with length adjustment, perfect for sheet metal of variable dimensions, up to 6000 mm. The ten vacuum pads are placed on 5 cross-arms. FT10EB is the ideal solution for 6000x2000 mm sheet metal.

Series FT10B 800

Kg max 800

| Pads | | Lifting capacity | Arms | | X1 (mm) | | X (mm) | | Y (mm) | | Product code |
|------|-----|------------------|------|------|---------|------|--------|------|--------|------|--------------|
| nr. | ∅ | | nr. | mm | min | max | min | max | min | max | |
| 10 | 200 | 800 | 5 | 1330 | 1015 | 2215 | 2655 | 4900 | 530 | 1390 | FT10B800 |

Series FT10B 2000

Kg max 2000

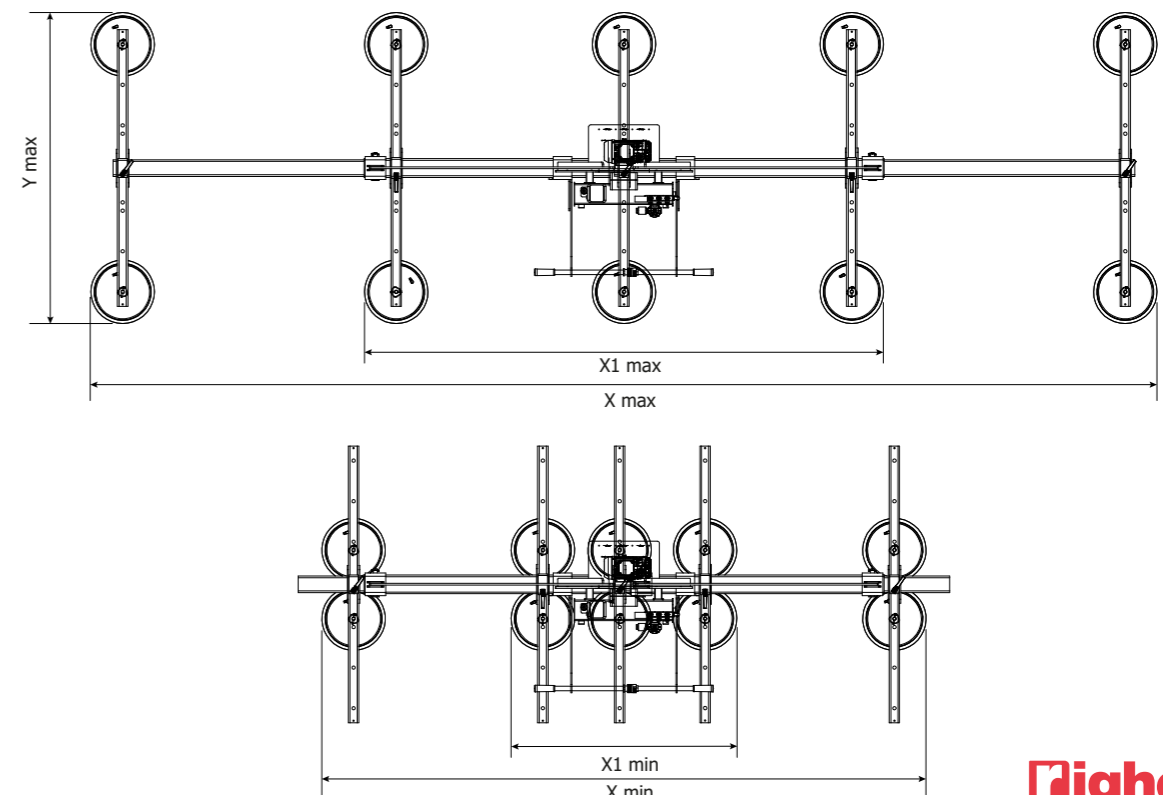
| Pads | | Lifting capacity | Arms | | X1 (mm) | | X (mm) | | Y (mm) | | Product code |
|------|-----|------------------|------|------|---------|------|--------|------|--------|------|--------------|
| nr. | ∅ | | nr. | mm | min | max | min | max | min | max | |
| 10 | 310 | 2000 | 5 | 1330 | 1125 | 2325 | 2765 | 5010 | 640 | 1500 | FT10B2000 |

Series FT10B 3000

Kg max 3000

| Pads | | Lifting capacity | Arms | | X1 (mm) | | X (mm) | | Y (mm) | | Product code |
|------|-----|------------------|------|------|---------|------|--------|------|--------|------|--------------|
| nr. | ∅ | | nr. | mm | min | max | min | max | min | max | |
| 10 | 390 | 3000 | 5 | 1330 | 1205 | 2405 | 2845 | 5090 | 800 | 1580 | FT10B3000 |

Technical drawing



Righetti
smart vacuum lifters

F10B

Power supply
battery

n° of pads
10



Horizontal movement



Vacuum lifter with steel frame structure fixed in horizontal position.
This lifter has a central beam at your choosing length (standard versions from 3000 to 5000 mm), five adjustable cross-arms and ten vacuum pads.

Series F10B 2000

Kg max 2000

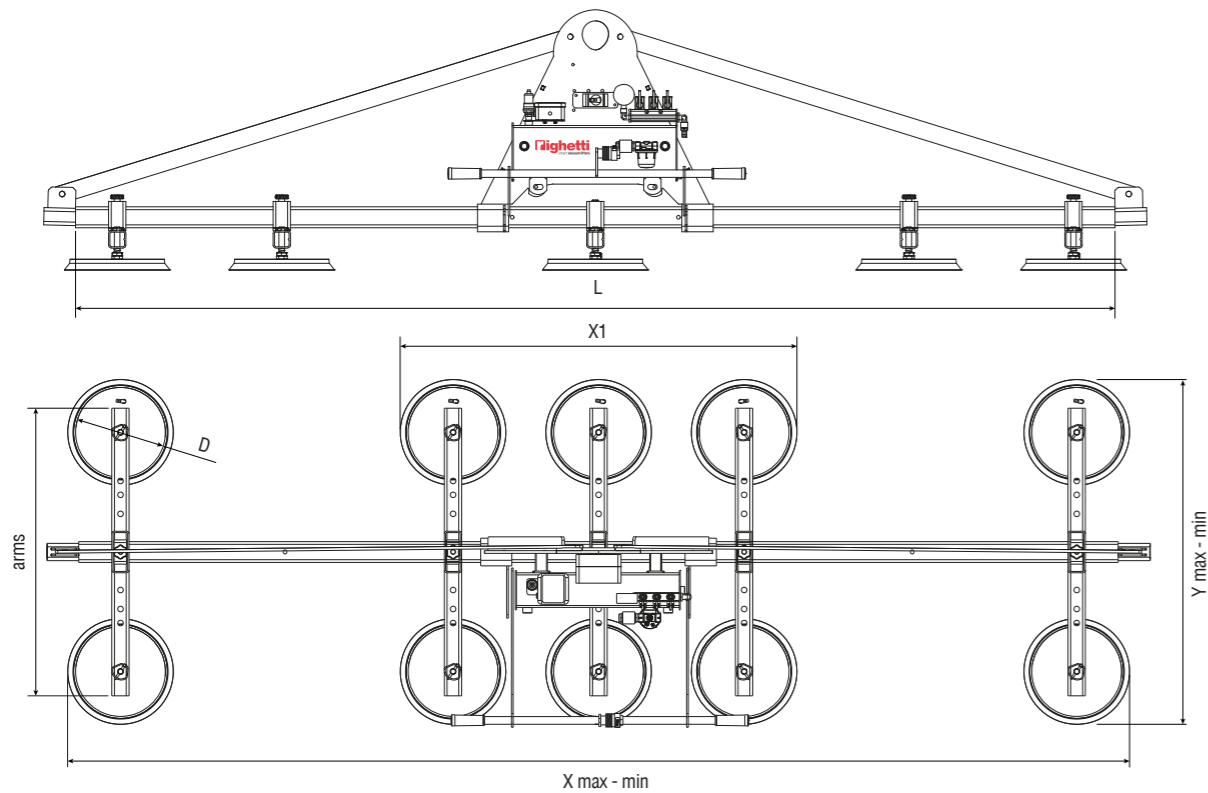
| Pads | | Lifting capacity kg | L mm | Arms | | X (mm) | | | Y (mm) | | Product code |
|------|-----|------------------------|---------|------|------|--------|------|------|--------|------|----------------------|
| nr. | ∅ | | | nr. | mm | X1 | min | max | min | max | |
| 10 | 310 | 2000 | 3000 | 5 | 830 | 1145 | 2115 | 3065 | 640 | 1000 | F10B2000/3-3000/750 |
| | | | | 5 | 1330 | 1145 | 2115 | 3065 | 640 | 1500 | F10B2000/3-3000/1270 |
| | | | | 5 | 1330 | 1145 | 2155 | 4065 | 640 | 1500 | F10B2000/3-4000/1270 |
| | | | | 5 | 1330 | 1145 | 2155 | 5065 | 640 | 1500 | F10B2000/3-5000/1270 |

Series F10B 3000

Kg max 3000

| Pads | | Lifting capacity kg | L mm | Arms | | X (mm) | | | Y (mm) | | Product code |
|------|-----|------------------------|---------|------|------|--------|------|------|--------|------|----------------------|
| nr. | ∅ | | | nr. | mm | X1 | min | max | min | max | |
| 10 | 390 | 3000 | 3000 | 5 | 1330 | 1230 | 2195 | 3150 | 800 | 1580 | F10B3000/4-3000/1270 |
| | | | 4000 | 5 | 1330 | 1230 | 2195 | 4150 | 800 | 1580 | F10B3000/4-4000/1270 |
| | | | 5000 | 5 | 1330 | 1230 | 2195 | 5150 | 800 | 1580 | F10B3000/4-5000/1270 |

Technical drawing



F14B

Power supply
battery

n° of pads
14



Horizontal movement

Vacuum lifter with steel frame structure fixed in horizontal position.
This lifter has a central beam at your choosing length (standard versions from 4000 to 6000 mm), seven adjustable cross-arms and fourteen vacuum pads.

Series F14B 2800

Kg max 2800

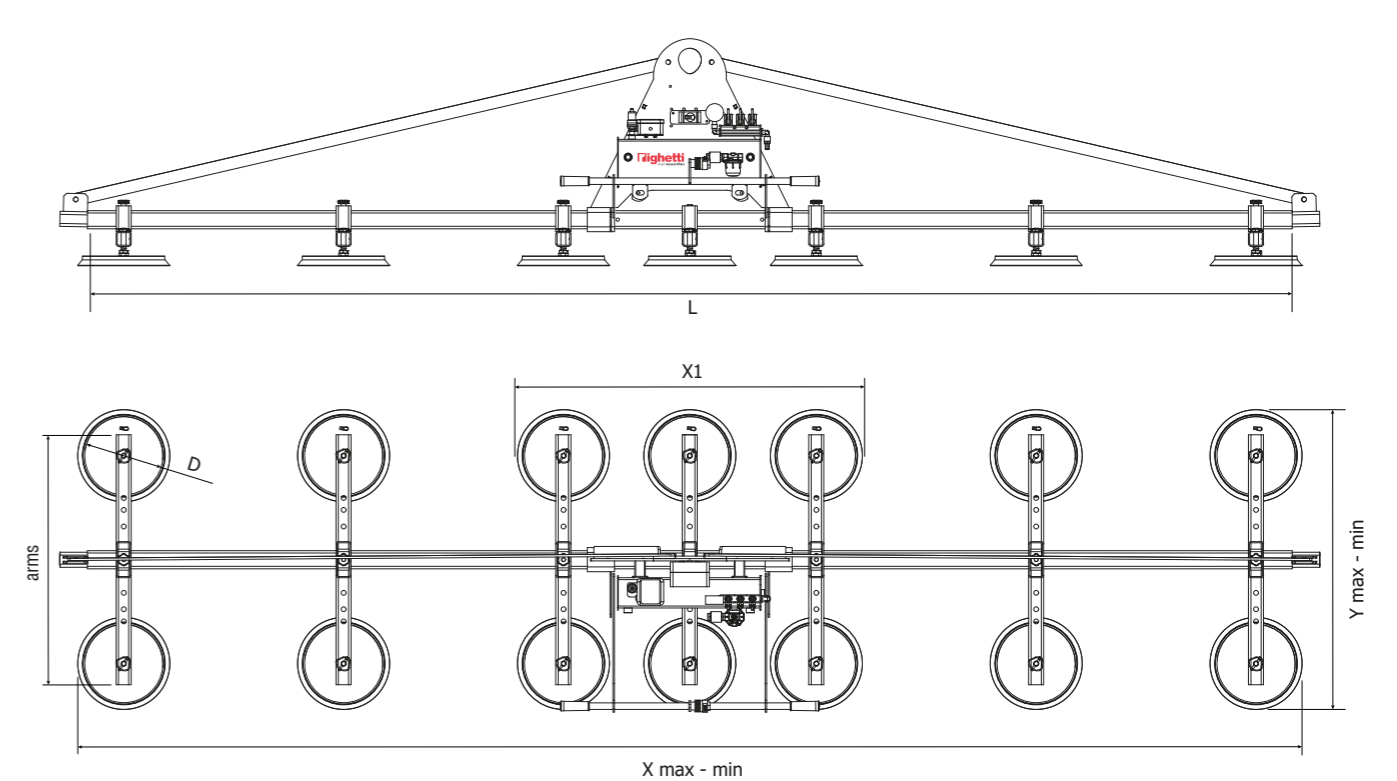
| Pads | | Lifting capacity kg | L mm | Arms | | X (mm) | | | Y (mm) | | Product code |
|------|-----|------------------------|---------|------|------|--------|------|------|--------|------|----------------------|
| nr. | ∅ | | | nr. | mm | X1 | min | max | min | max | |
| 14 | 310 | 2800 | 4000 | 7 | 830 | 1145 | 3105 | 4065 | 635 | 1000 | F14B2800/3-4000/750 |
| | | | | 7 | 1330 | 1145 | 3105 | 4065 | 635 | 1500 | F14B2800/3-4000/1270 |

Series F14B 4200

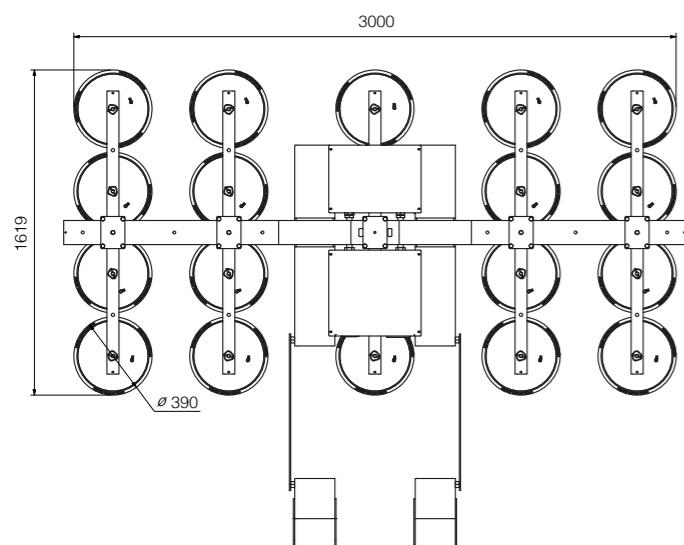
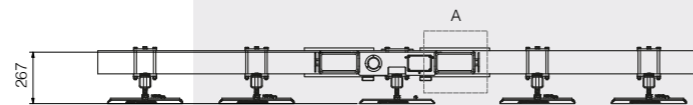
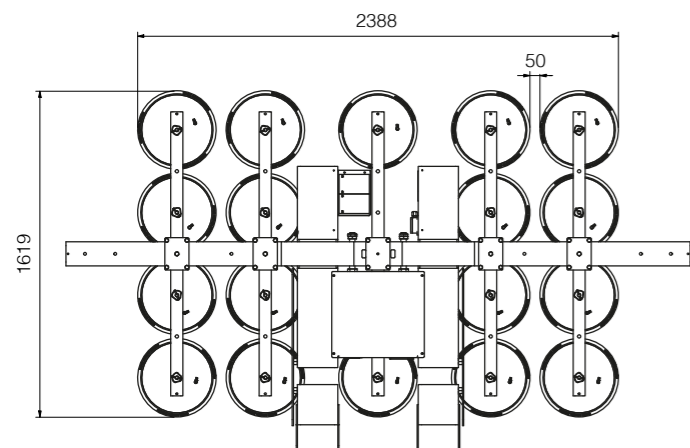
Kg max 4200

| Pads | | Lifting capacity kg | L mm | Arms | | X (mm) | | | Y (mm) | | Product code |
|------|-----|------------------------|---------|------|------|--------|------|------|--------|------|----------------------|
| nr. | ∅ | | | nr. | mm | X1 | min | max | min | max | |
| 14 | 390 | 4200 | 4000 | 7 | 1330 | 1299 | 3139 | 4145 | 800 | 1580 | F14B4200/4-4000/1270 |
| | | | 5000 | 7 | 1330 | 1299 | 3139 | 5145 | 800 | 1580 | F14B4200/4-5000/1270 |
| | | | 6000 | 7 | 1330 | 1299 | 3139 | 6145 | 800 | 1580 | F14B4200/4-6000/1270 |

Technical drawing



Models for Cantilever racks



Righetti offers a line of vacuum lifters specifically for handling sheet materials among the Cantilever racks. Featuring a forkable frame, these models must be employed on forklifts and other lifting means equipped with forks.

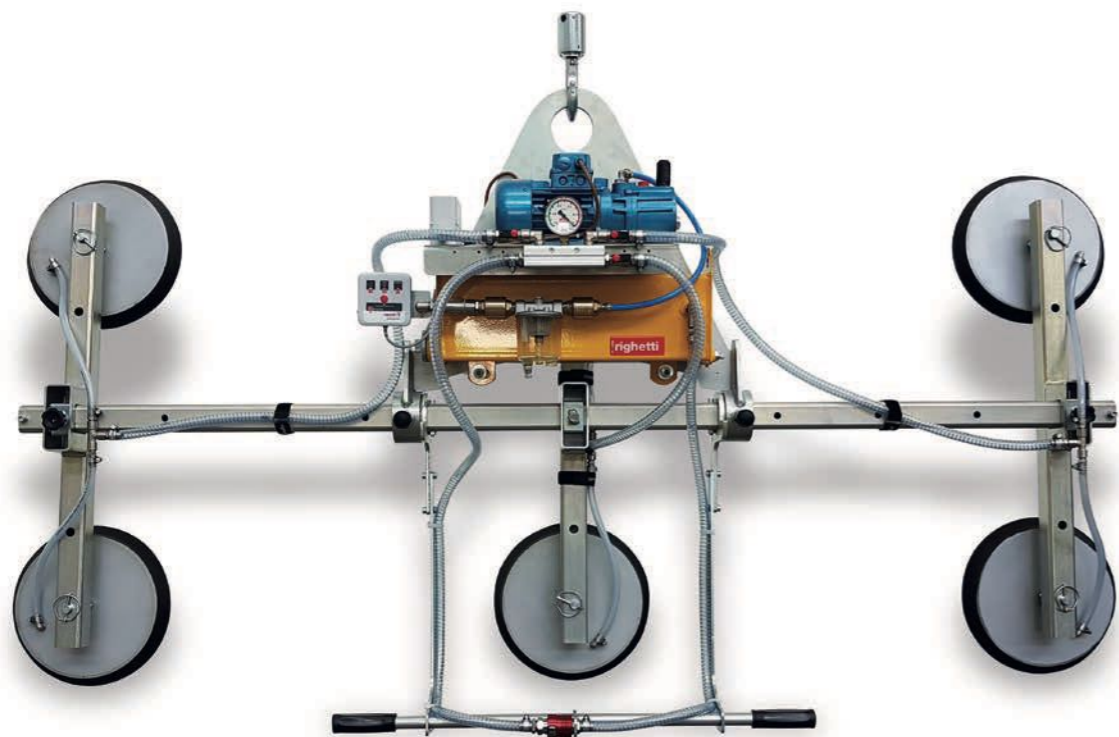
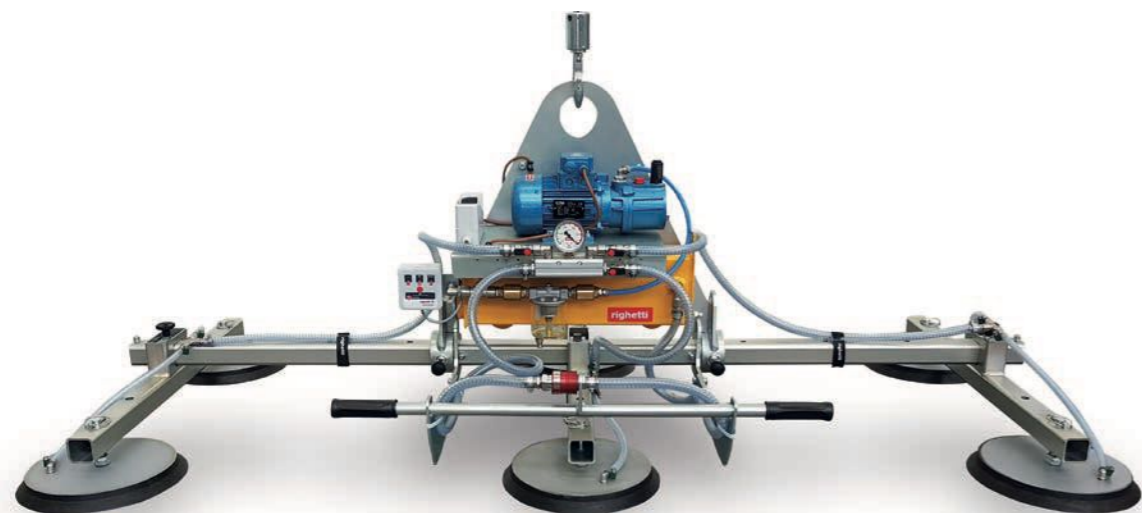
To ensure the highest level of freedom among the racks, the series is powered by high-capacity rechargeable batteries – therefore removing any potential obstructions caused by power cables. In addition, there is also a convenient remote suction and release control via wireless radio control.



Besides the several models with horizontally fixed frame, Righetti offers vacuum lifters with a 0-90° tilting system.

Vacuum lifters with a 0-90° tilting system allow the manual load inclination from horizontal to vertical and viceversa. Upon request, Righetti can design and manufacture models with the assisted tilting thanks to a pneumatic or electric tilting.

The operating system can be pneumatic, electric or battery-powered.



Vacuum lifter for sheet metal

with tilting mechanism



Electrically powered



Compressed air powered



Battery powered



0-90° tilting

Righetti
smart vacuum lifters

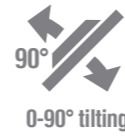
M4 400

Power supply



n° of pads

4



0-90° tilting



Vacuum lifter with 0 – 90° tilt system and lifting capacity 400kg, four vacuum pads on two cross-arms.
This lifter is available with three different operating systems: electric (400V or 220V), compressed air or battery.

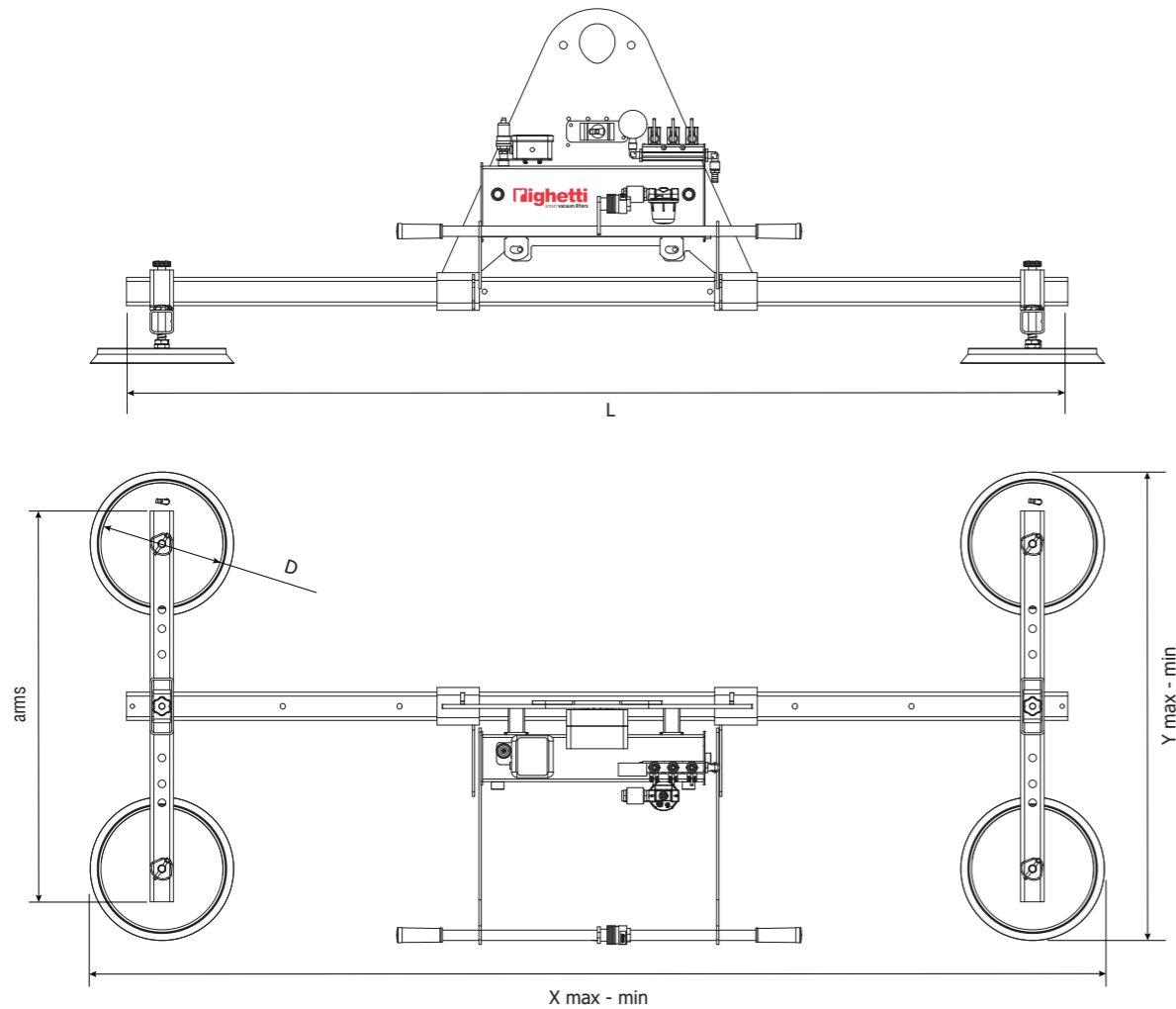
NOTE: this model is not suitable for handling oiled sheet metal.

Series M4 400

Kg max 400

| Power supply | Pads | | L mm | Arms | | X (mm) | | Y (mm) | | Product code |
|----------------|------|-----|---------|------|-----|--------|------|--------|------|--------------------|
| | nr. | ∅ | | nr. | mm | min | max | min | max | |
| Compressed air | 4 | 310 | 1500 | 2 | 830 | 1100 | 1650 | 720 | 1000 | M4A400/3-1500/750 |
| Electric | 4 | 310 | 1500 | 2 | 830 | 1100 | 1650 | 720 | 1000 | M4EB400/3-1500/750 |
| Battery | 4 | 310 | 1500 | 2 | 830 | 1100 | 1650 | 720 | 1000 | M4B400/3-1500/750 |

Technical drawing



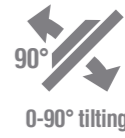
M6 600

Power supply



n° of pads

6



0-90° tilting



Vacuum lifter with 0 – 90° tilt system and lifting capacity 600kg, six vacuum pads on three cross-arms.
This lifter is available with three different operating systems: electric (400V or 220V), compressed air or battery.

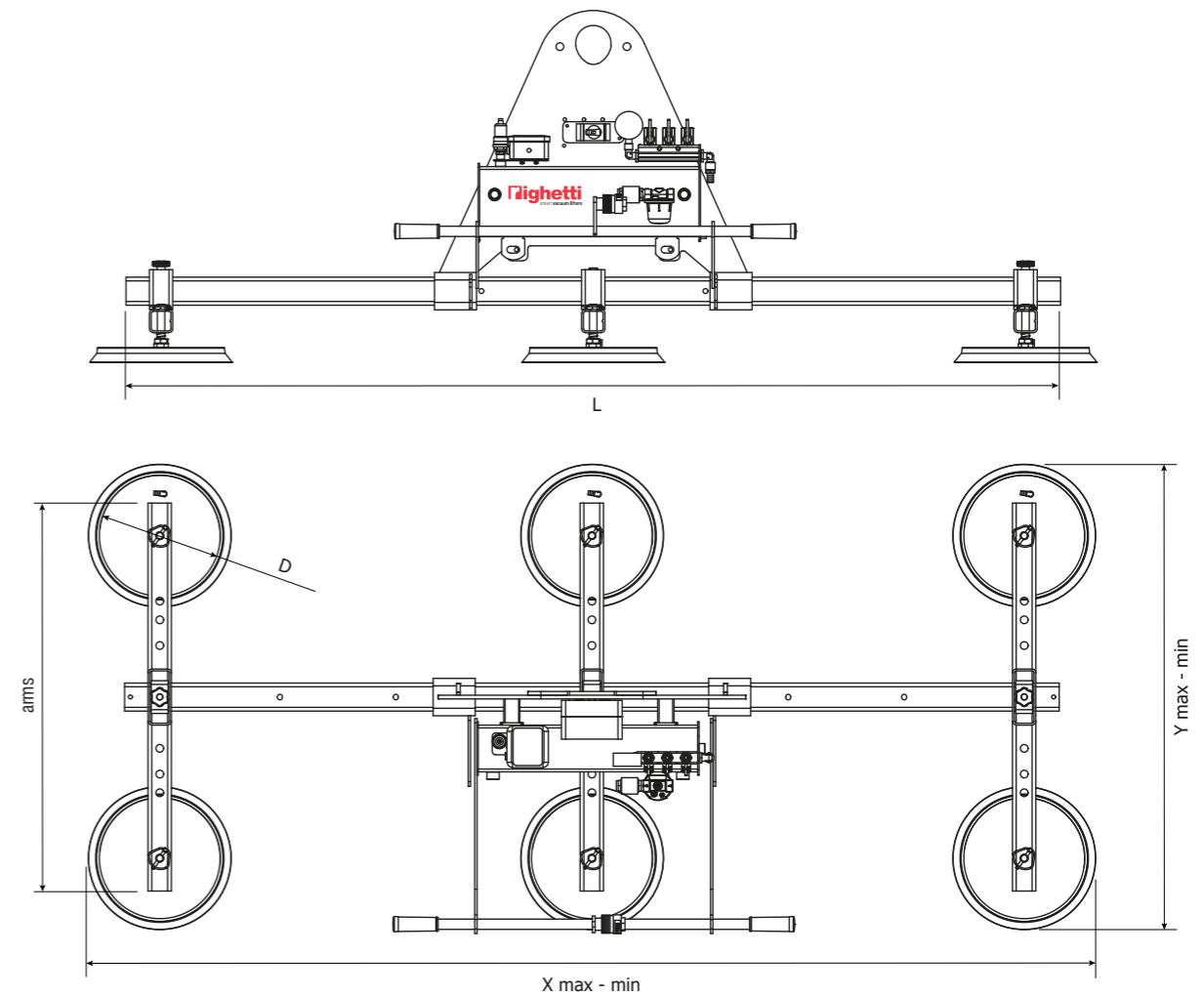
NOTE: this model is not suitable for handling oiled sheet metal.

Series M6 600

Kg max 600

| Power supply | Pads | | L mm | Arms | | X (mm) | | Y (mm) | | Product code |
|----------------|------|-----|---------|------|-----|--------|------|--------|------|--------------------|
| | nr. | ∅ | | nr. | mm | min | max | min | max | |
| Compressed air | 6 | 310 | 2000 | 3 | 830 | 1100 | 2150 | 720 | 1000 | M6A600/3-2000/750 |
| Electric | 6 | 310 | 2000 | 3 | 830 | 1100 | 2150 | 720 | 1000 | M6EB600/3-2000/750 |
| Battery | 6 | 310 | 2000 | 3 | 830 | 1100 | 2150 | 720 | 1000 | M6B600/3-2000/750 |


Technical drawing



M6 750

Power supply
AIR  

n° of pads
6


0-90° tilting



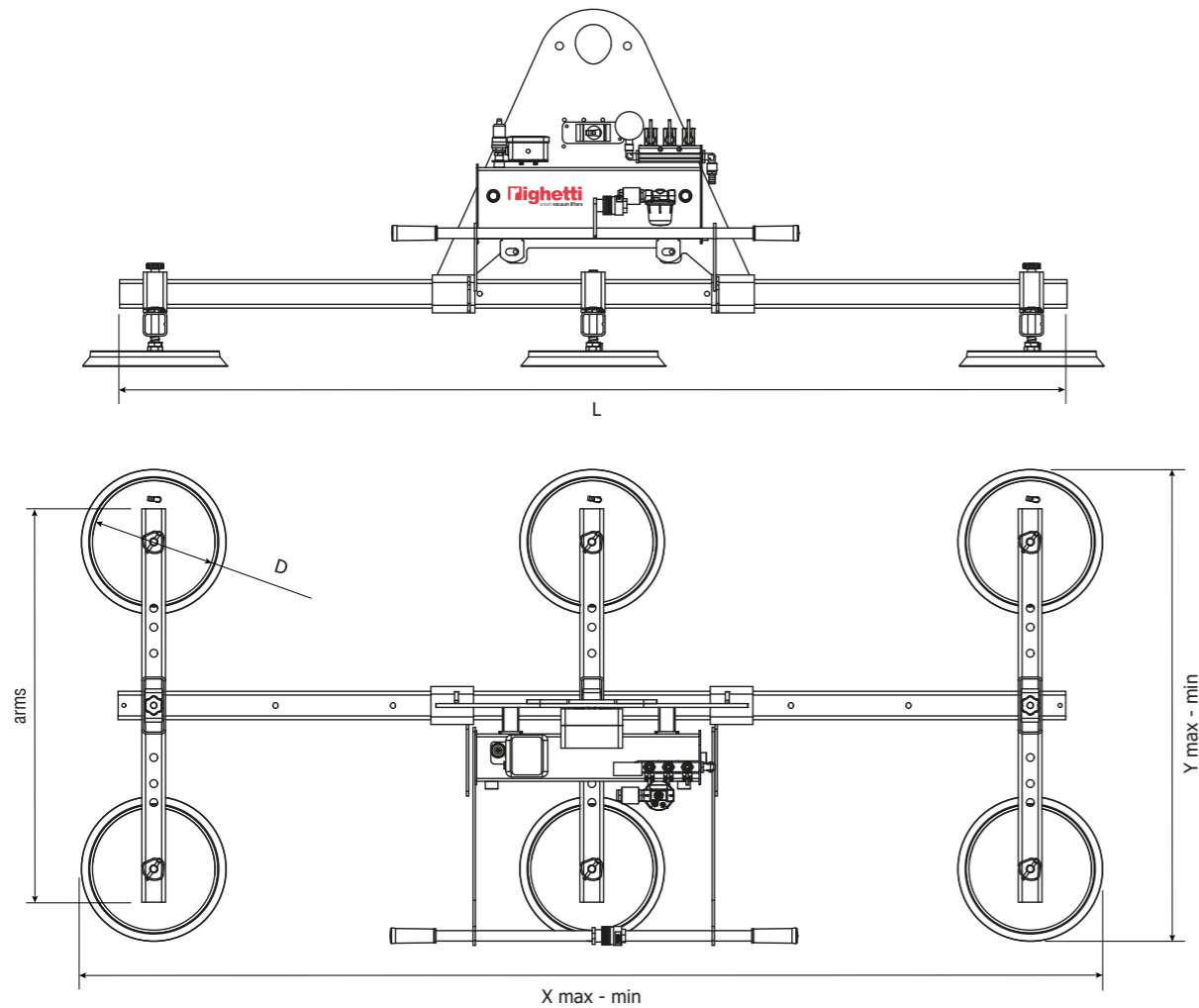
Vacuum lifter with 0 – 90° tilt system and lifting capacity 750kg, six vacuum pads on three repositionable cross-arms.
This lifter is available with three different operating systems: electric (400V or 220V), compressed air or battery.

Series M6 750

 **Kg max 750**

| Power supply | Pads | | L mm | Arms | | X (mm) | | Y (mm) | | Product code |
|----------------|------|-----|---------|------|-----|--------|------|--------|------|--------------------|
| | nr. | ∅ | | nr. | mm | min | max | min | max | |
| Compressed air | 6 | 390 | 2000 | 3 | 830 | 1180 | 2230 | 800 | 1080 | M6A750/4-2000/750 |
| Electric | 6 | 390 | 2000 | 3 | 830 | 1180 | 2230 | 800 | 1080 | M6EB750/4-2000/750 |
| Battery | 6 | 390 | 2000 | 3 | 830 | 1180 | 2230 | 800 | 1080 | M6B750/4-2000/750 |


Technical drawing



M8 1000

Power supply
AIR  

n° of pads
8


0-90° tilting

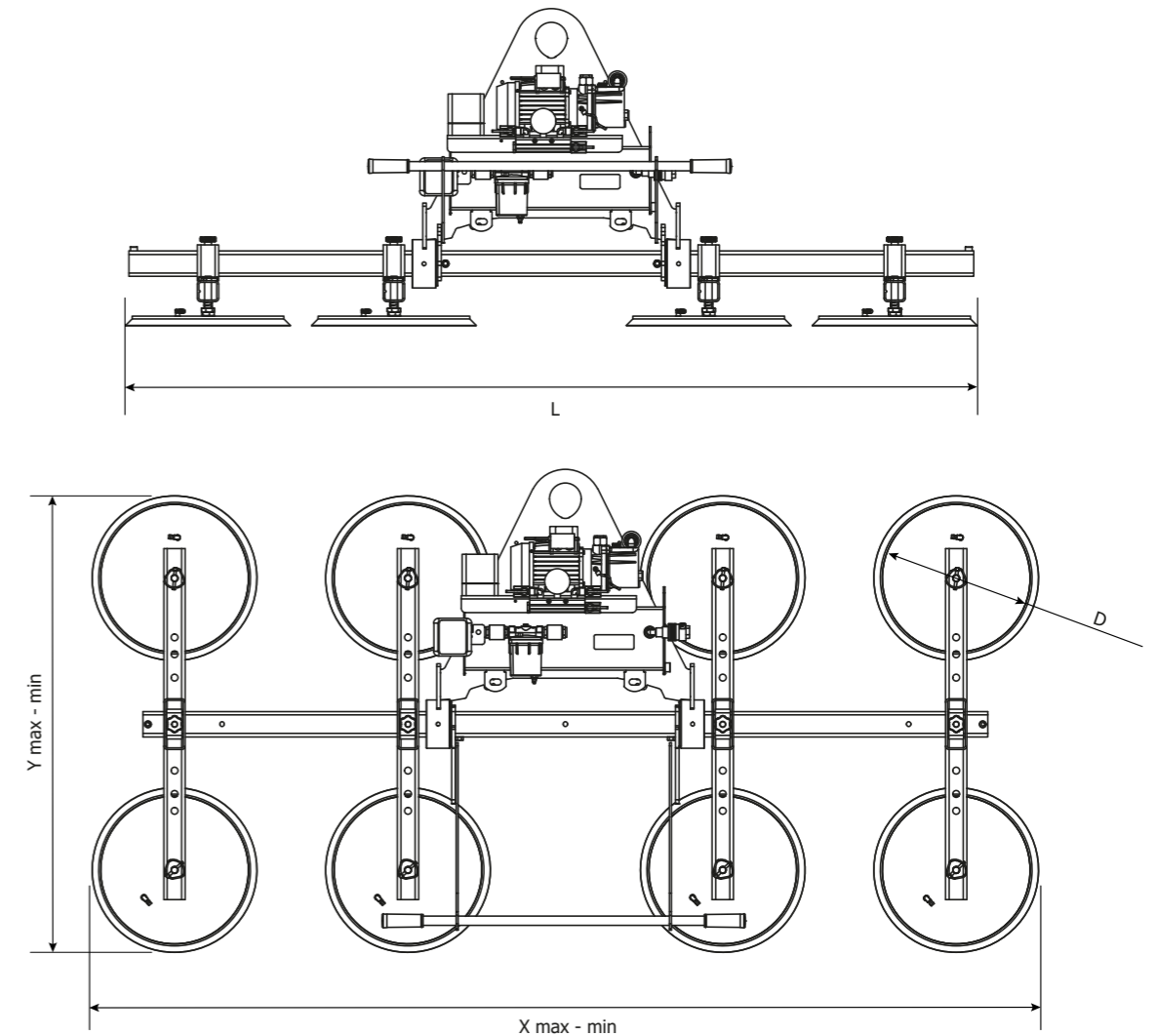
Vacuum lifter with 0 – 90° tilt system and lifting capacity 1000kg, eight vacuum pads on four cross-arms.
This lifter is available with three different operating systems: electric (400V or 220V), compressed air or battery.

Series M8 1000

 **Kg max 1000**

| Power supply | Pads | | L mm | Arms | | X (mm) | | Y (mm) | | Product code |
|----------------|------|-----|---------|------|-----|--------|------|--------|------|---------------------|
| | nr. | ∅ | | nr. | mm | min | max | min | max | |
| Compressed air | 8 | 390 | 2000 | 4 | 830 | 1180 | 2230 | 800 | 1080 | M8A1000/4-2000/750 |
| Electric | 8 | 390 | 2000 | 4 | 830 | 1180 | 2230 | 800 | 1080 | M8EB1000/4-2000/750 |
| Battery | 8 | 390 | 2000 | 4 | 830 | 1180 | 2230 | 800 | 1080 | M8B1000/4-2000/750 |

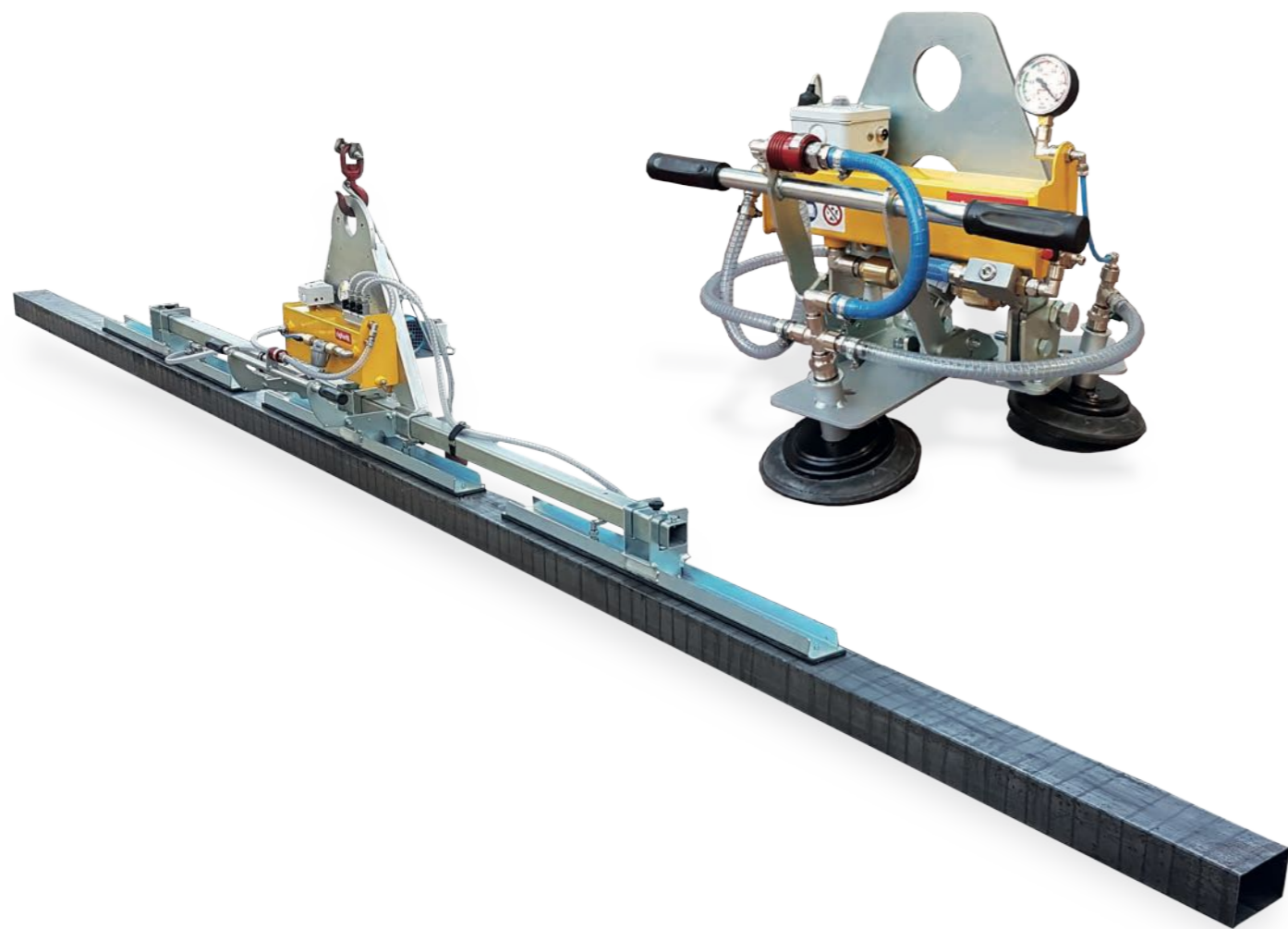
Technical drawing



Righetti designs vacuum lifters for lifting special metal loads, such as tanks, beams, coils, curved sheets, cylinders and other.

Any vacuum lifter can be customized - or completely designed from scratch - according to your needs thanks to the deep expertise of our R&D Department.

Vacuum lifters are helpful equipment in several working areas: our known-how, experience and creativity give us the mean to develop the right solution for your needs.



Vacuum lifter for sheet metal

special



Electrically powered



Compressed air powered



Battery powered

Righetti
smart vacuum lifters

FR6

Power supply



n° of pads

6



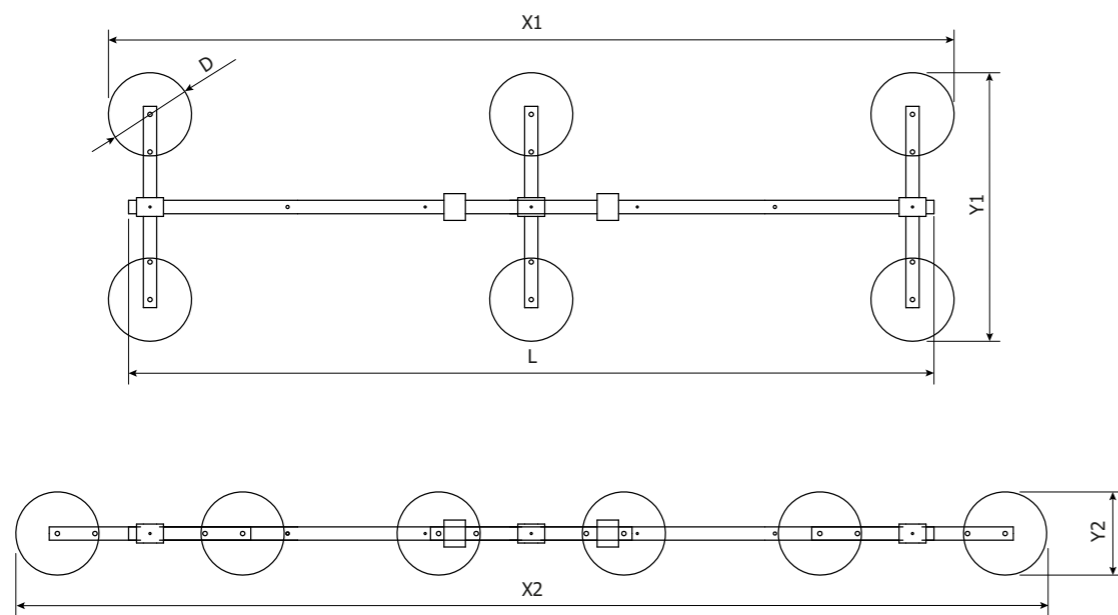
Vacuum lifter with fixed frame for horizontal lifting.
The cross-arms of the series FR can be turned of 90°, allowing to lift both big sheet metal and long and narrow loads.

Series FR6 1000

Kg max 1000

| Power supply | Pads | | L mm | Arms | | X (mm) | | Y (mm) | | Product code |
|----------------|------|-----|---------|------|-----|--------|------|----------|-----|--------------------|
| | nr. | ∅ | | nr. | mm | X1 | X2 | Y1 | Y2 | |
| Compressed air | 6 | 310 | 3000 | 3 | 830 | 3150 | 3840 | 1000/635 | 310 | FR6A1000-3000/750 |
| Electric | 6 | 310 | 3000 | 3 | 830 | 3150 | 3840 | 1000/635 | 310 | FR6EB1000-3000/750 |
| Battery | 6 | 310 | 3000 | 3 | 830 | 3150 | 3840 | 1000/635 | 310 | FR6B1000-3000/750 |

Technical drawing



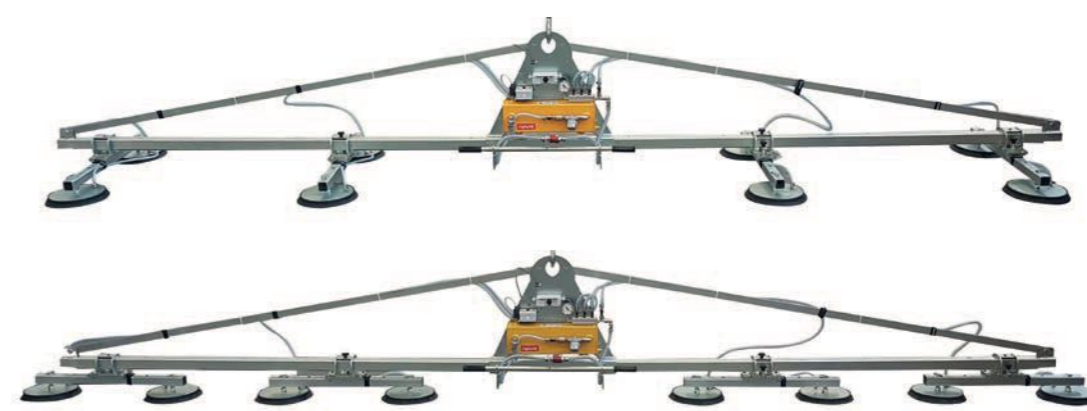
FR8

Power supply



n° of pads

8



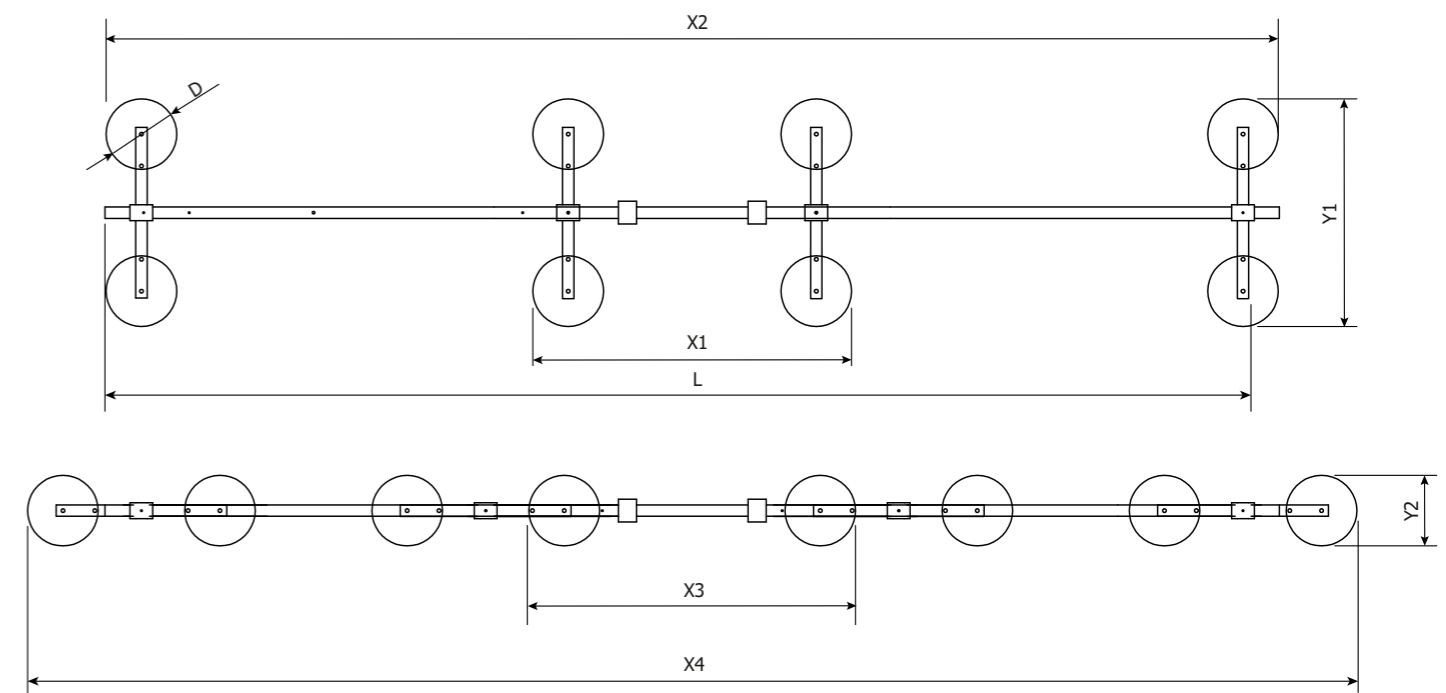
Vacuum lifter with fixed frame for horizontal lifting.
The cross-arms of the series FR can be turned of 90°, allowing to lift both big sheet metal and long and narrow loads.

Series FR8 1500

Kg max 1500

| Power supply | Pads | | L mm | Arms | | X (mm) | | | | Y (mm) | | Product code |
|----------------|------|-----|---------|------|-----|-----------|------|------|------|----------|-----|--------------------|
| | nr. | ∅ | | nr. | mm | X1 | X2 | X3 | X4 | Y1 | Y2 | |
| Compressed air | 8 | 310 | 5000 | 4 | 830 | 1400/2125 | 5150 | 2815 | 5840 | 1000/635 | 310 | FR8A1500-5000/750 |
| Electric | 8 | 310 | 5000 | 4 | 830 | 1400/2125 | 5150 | 2815 | 5840 | 1000/635 | 310 | FR8EB1500-5000/750 |
| Battery | 8 | 310 | 5000 | 4 | 830 | 1400/2125 | 5150 | 2815 | 5840 | 1000/635 | 310 | FR8B1500-5000/750 |

Technical drawing



BEAMS AND TUBES

Vacuum lifters specifically for handling tubes and beams made out of metal. Their long and narrow suction pads are designed to adapt to the load surface.

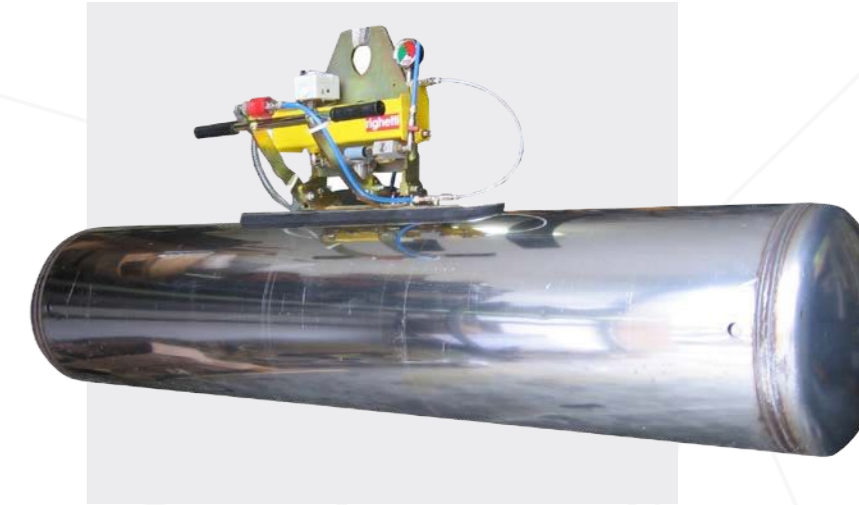
These models can be powered by electricity, compressed air and battery.



TANKS

Righetti has developed several models for simplifying the lifting of tanks, canisters, convex bottoms, cylinders and other materials with a domed shape.

Depending on the needs, the vacuum lifter can be equipped with a horizontally fixed frame or an assisted tilting. Also the operating system can be chosen between electric, pneumatic and battery options.



CURVED SHEET

For handling curved metal sheet, even of big sizes, we have designed a vacuum lifter with small round suction pads placed on two arms.

Thanks to adjustability of the arms, the suction pads can adapt to any curvature radius of the load.



COILS

For handling coils of various sizes, Righetti has created a solution with a tilting structure assisted by pneumatic cylinders.

This makes it possible to tilt coils from a horizontal to a vertical position and vice versa.



Accessories and Optional



Suction pads for irregular surfaces

Righetti has developed specific suction pads that allow the handling of sheet metal with irregular surfaces (such as almond-shaped, embossed or striped) thanks to their peculiar mouse.



Forkable frame

Handling sheet metal by using forklifts requires an add-on forkable frame. This optional is generally combined with a battery operating system to assure the highest freedom of movement.



Telescopic tiltable handle

For assuring a firm hold over the sheet metal in every situation, we can equip your vacuum lifter with a telescopic handle, which can be tilted upwards and downwards.



Radio remote control

Load suction and release of Righetti vacuum lifters can be controlled at a distance thanks to their wireless remote controls. This optional should be confirmed at the order, as it is not purchasable separately.

Technical information about the product

Power supplies

Vacuum lifters are available with **several power supplies**:

AIR COMPRESSED AIR
The lifter comes complete with the compressed air vacuum pump (Venturi), and silencer. It has to be hooked up to a compressor with a compressed air hose. The operating pressure is six bar.

POMPA DEL VUOTO ELETTRICA
In the "EB" line, the vacuum pump is installed on the vacuum lifter's structure. Choice of 400V three-phase or 220V monophase power. Other types of power by request. Unless otherwise stated, the production standard is 400V three-phase.

A BATTERIA
The models powered by rechargeable battery are your ideal option in settings and/or situations where it's hard to guarantee constant connection to the power grid.
The lifter comes complete with battery charger.

Portata

The standard capacities for vacuum lifters for sheet metal go from 250 to 7,000 kg.
Models with lower or higher capacity are also available on request.

Structure

The structure of the lifter for sheet metal is generally fixed horizontally.

Models with assisted or manual tilting are also available.

Suction pads

Regarding the size and consistency of the material to be handled, lifters are made out of four, six, or more suction pads.

The pads generally can be repositioned to better adapt the lifter's grip to the different sizes of material to be lifted.

The lifters have individual arm cut-off. Each arm has its own pad shutoff so that you can stop the flow of air and cut off the pad. We can arrange for the cut-off of each individual pad by request.

Safety

A series of components guarantees top grip safety.

To grip and release slabs you use a **double-action slide valve** with a safety that keeps it from being started on accident. The command can be run from a manual valve on the lifter's structure or with a button panel with electrical cord or a wireless remote control.

Using a **vacuometer with a color scale** installed on the vacuum circuit, you can constantly check the drop in pressure reached. Intervention of the safety device is regulated by a vacuum switch mounted on the vacuum tank.

A capacious vacuum tank, in addition to speeding up the grip, coupled with non-return valves guarantees that the load won't immediately be dropped when the power suddenly goes off, guaranteeing the safety of the operator and the material handled.

The lifter also has a self-powered **acoustic and visual alarm system** that warns the operator of any dangerous situations.

On battery-powered models, the vacuum's **control unit** monitors how much vacuum there is, checks the proper operation of the main parts, and monitors the battery level.

Two extra services

To support you on the job.
Because you're always on our mind.



RIGHETTI SERVICE: Don't stop your job. Simple, fast, concrete assistance.

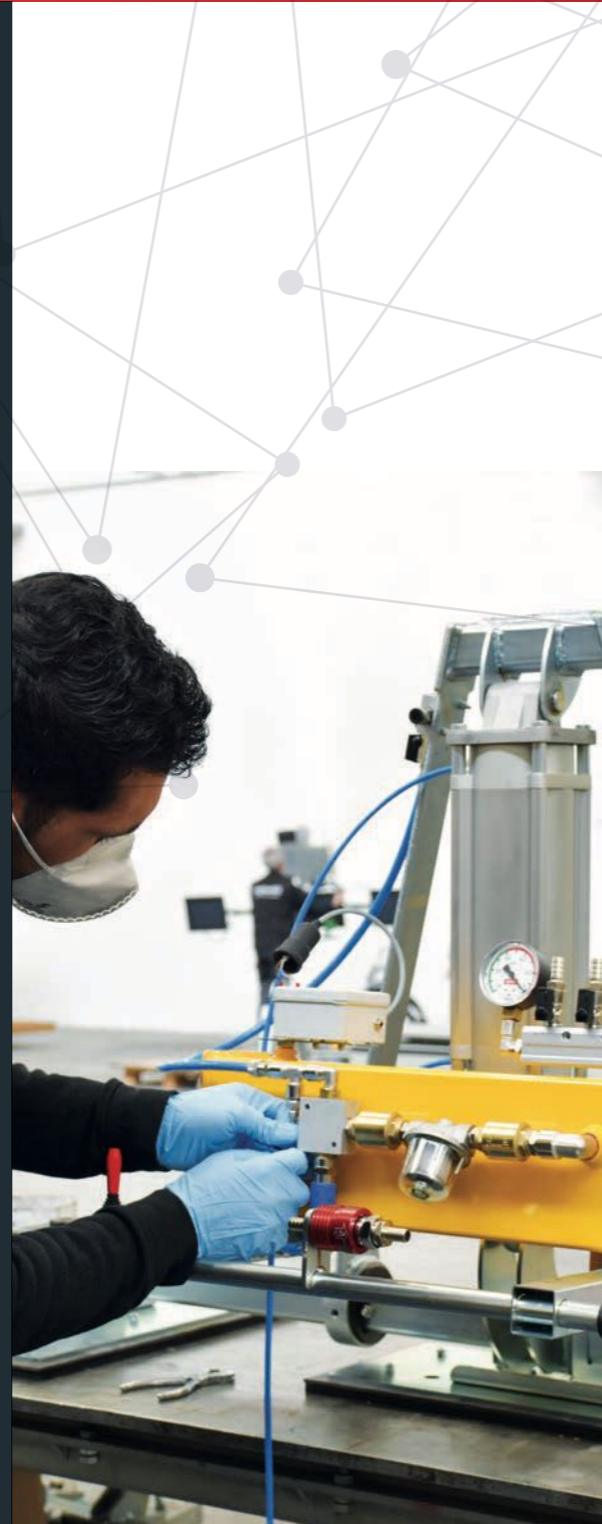
We also give continual assistance even remotely: we help you over the phone and/or in video calls, so that your job doesn't ever shut down. We stand by your side with rapid and precise assistance, provided directly by those who designed and built your lifter.

We'll also skilfully guide you in your selection of the accessories most suited to your needs to allow you to always work safely and be able to get the top tools.

If what you urgently need is a spare part, we guarantee record response time.

We do all this for you:

- over the phone assistance
- videoconference assistance
- direct contact with the person that assembled your lifter
- remote assistance for ordinary and extraordinary maintenance
- spare parts service



CUSTOMER CARE: what if you'll never be alone, wherever you are?

We know that during your job many questions can come up. Just like they can come up when choosing your lifter, or after having purchased it.

Your questions are important to us. Not only don't we want to miss them, but also we have created an ad hoc Customer Care. It will be available to answer any of your questions and needs, and you'll be able to get it anywhere: our website, social networks, by phone, or email. Wherever you are, we are there, too.





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