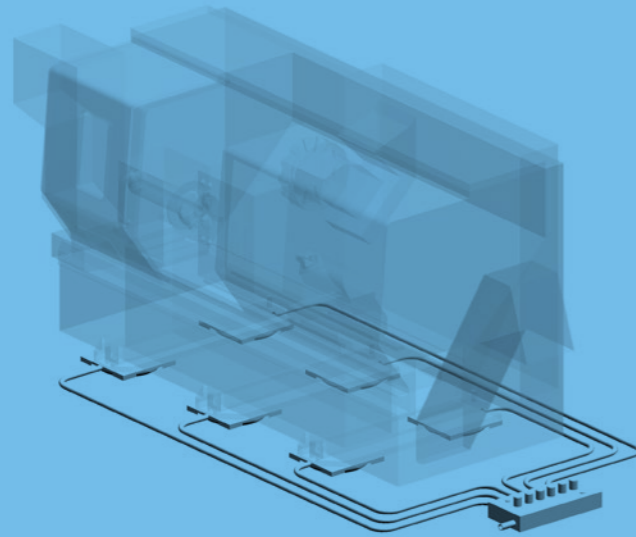


Modular Air Caster System



Specific properties:

BUILD HEIGHT	min. 27 mm
AIR CASTER DIAMETER	min. 200 mm / max. 1.250 mm
LIFT	min. 5 mm / max. 70 mm
CAPACITY	min. 150 kg/ max. unlimited
AIR PRESSURE	min. 1 bar/ max. 4 bar

- Lowest build height in the industry
- The system can both lift and transport the object
- Plug and play
- No permanent installation needed in the building
- Small footprint so easy to store after usage
- No harmful exhaust gasses, just regular air
- One single system can be used for different kinds of objects
- In stock item

Typical applications:

- Position or move heavy machinery inside a factory
- Transport between production stations
- Place sensitive CT scanners into a facility
- Move transformers in a dismantling facility
- Move/position big containers
- Position fragile (antique) objects or artwork
- Move boats into a dry dock for maintenance
- Position heavy staircases into a building
- Position and move a big tunnel drills
- Move and position equipment in data centres

The purpose of this system is to use it for less frequent movement of objects and is ready to use straight out of the box. Just connect it to your facilities air supply and go! It takes up very little space when compared to alternative transport methods and can therefore be stored very easily. The modular system consists of air casters, mounted on support plates with an air inlet, air regulator unit in a control box, air hoses with couplings and an instruction manual. In order to guarantee maximum stability, at least three (but preferably four) air casters should be placed underneath the load. The air regulator ensures that the compressed air is correctly delivered to all the air casters to compensate for any uneven weights above and to move the load safely.

For example:
One single modular system with four air casters can transport an object weighing 12,000kgs. Priced at a little over 5,000 Euros per system.

The system can be made with either A- or B-Type air casters in different sizes with matching air regulators that fit the total air consumption. Depending on the weight that needs to be moved, the size, number of air casters and regulator is selected.

For objects weighing more than 4 tonnes we recommend using external drives to control them correctly and safely. These can be found in this brochure under the section [External drives](#).

