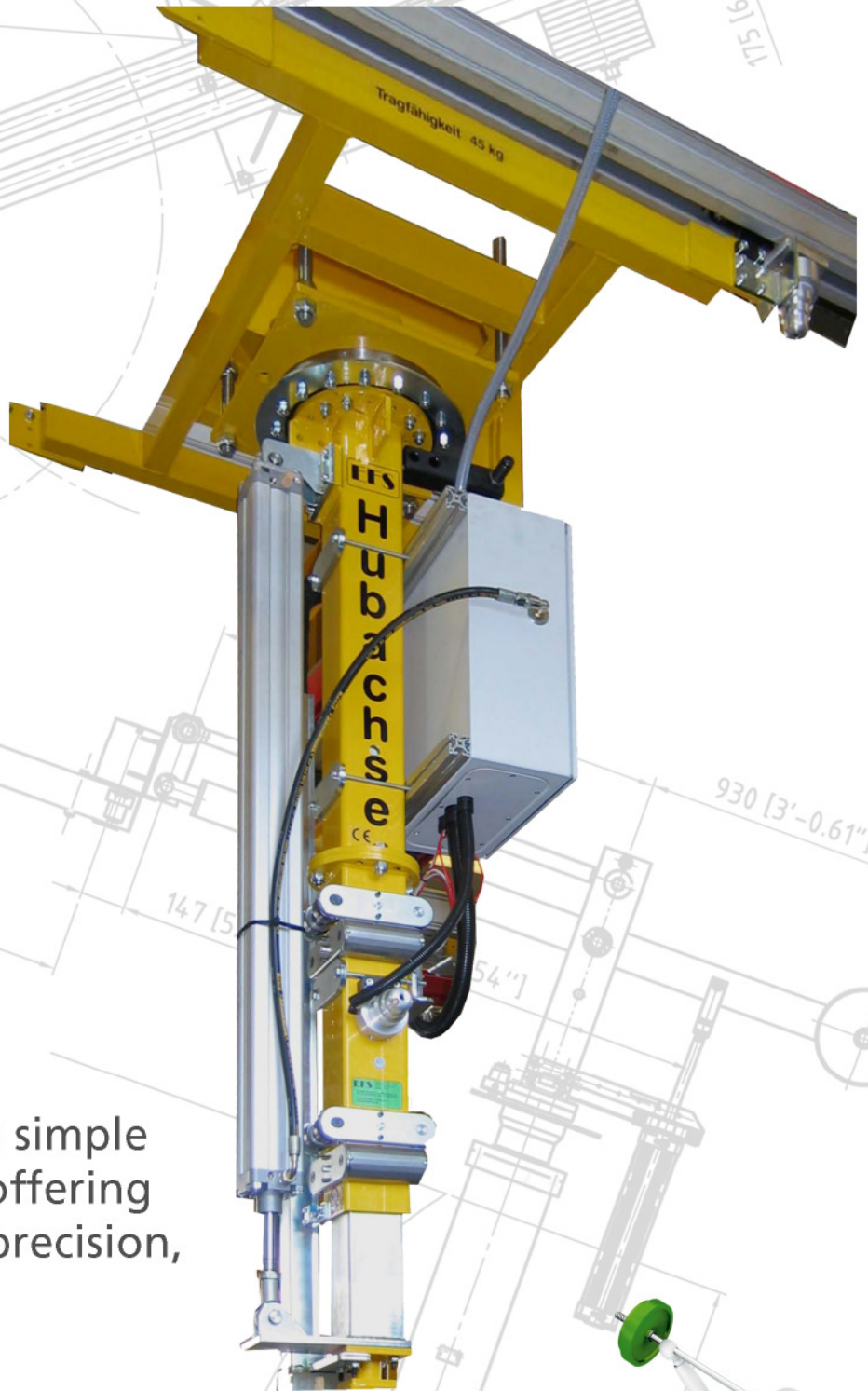


# ratioLIFT series H



The balancers of the ratioLIFT series H are simple and robust devices, offering the highest level of precision, free movement and ergonomics.





## The rugged one

The ratioLIFT series H devices are pneumatic and electrically controlled lifting axis for loads of 100kg up to 1,600 kg with gantry crane systems and smooth running rail systems in the X and Y axis.

The devices are very versatile and can be used for a number of different applications, even in areas where space is rather limited. Due to the ceiling guided X/Y system with or without drive support, the devices can achieve access even in the most difficult positions.

The advantages of the ratioLIFT H are specifically obvious with applications close to the main axis.

### TECHNICAL DATA

Carrying capacity in the overall work area	100-1600 kg
Working radius	2,20 m
Lifting height	depending on the requirements and the periphery
Lifting speed	approx. 30 m/min.
Lowering speed	approx. 30 m/min.
Slewing range main column	endless
Operating pressure	6,0 bar
Air consumption per double stroke	23,5 NI
Noise emission	<70 dB
Temperature in work area	+5 up to +50 °C
Design	optional ext. protection
Dead weight	depends on model
Forces and torques applied to Y-axis	
Normal force Fv	3,00 kN
Overall torque Mges	2,70 kNm

### SPECIFICS

- the right weight class for all requirements
- particular free movement due to special X shaped seals in the cylinder
- wear parts are easily accessible
- different drive modules for the up and down movements
- module design and therefore affordable adjustment according to application

### FILDS OF APPLICATION

- Trailer hitch
- Wheel handling
- Cable sack handling
- Rim handling

