



**01B5  
SE\_400**

# PRODUCT CATALOGUE

WE SIMPLIFY  
YOUR LIFTING  
TASK

[www.flexlifting.com](http://www.flexlifting.com)



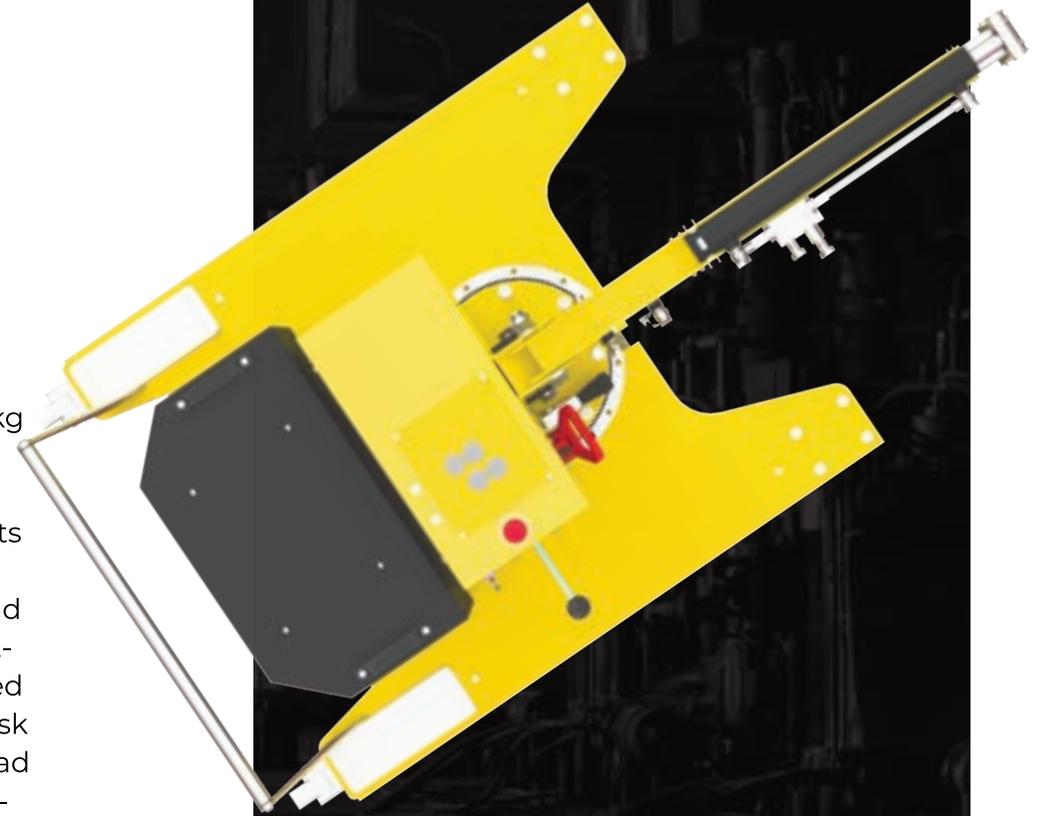


01BFE 400



# COUNTER BALANCED CANTILEVER MINI CRANE

Counterbalanced manual swivel crane 01B5SE\_400 with a 500 kg capacity, featuring powered lift, lower, extend, and retract functions controlled by adjustable speed levers is a versatile and efficient lifting solution. This type of crane combines the benefits of manual maneuverability with the precision and speed of electric power. The counterbalance concept ensures stability and prevents tipping during operation. The crane's arm can be rotated manually around its base for flexible positioning. The powered functions can be adjusted to match the specific needs of the task and load. This crane is ideal for applications requiring precise load placement and handling in various industries, such as manufacturing, assembly, and warehousing. Unique safety features to prevent the load from lowering in case of hydraulic system failure and overload protection. Powered by lead acid battery, this crane can be also equipped with maintenance free AGM sealed battery or Lithium battery. External battery charger.



MAX. LIFTING CAPACITY

**500 KG**

JIB ARM SWIVEL

**360°**

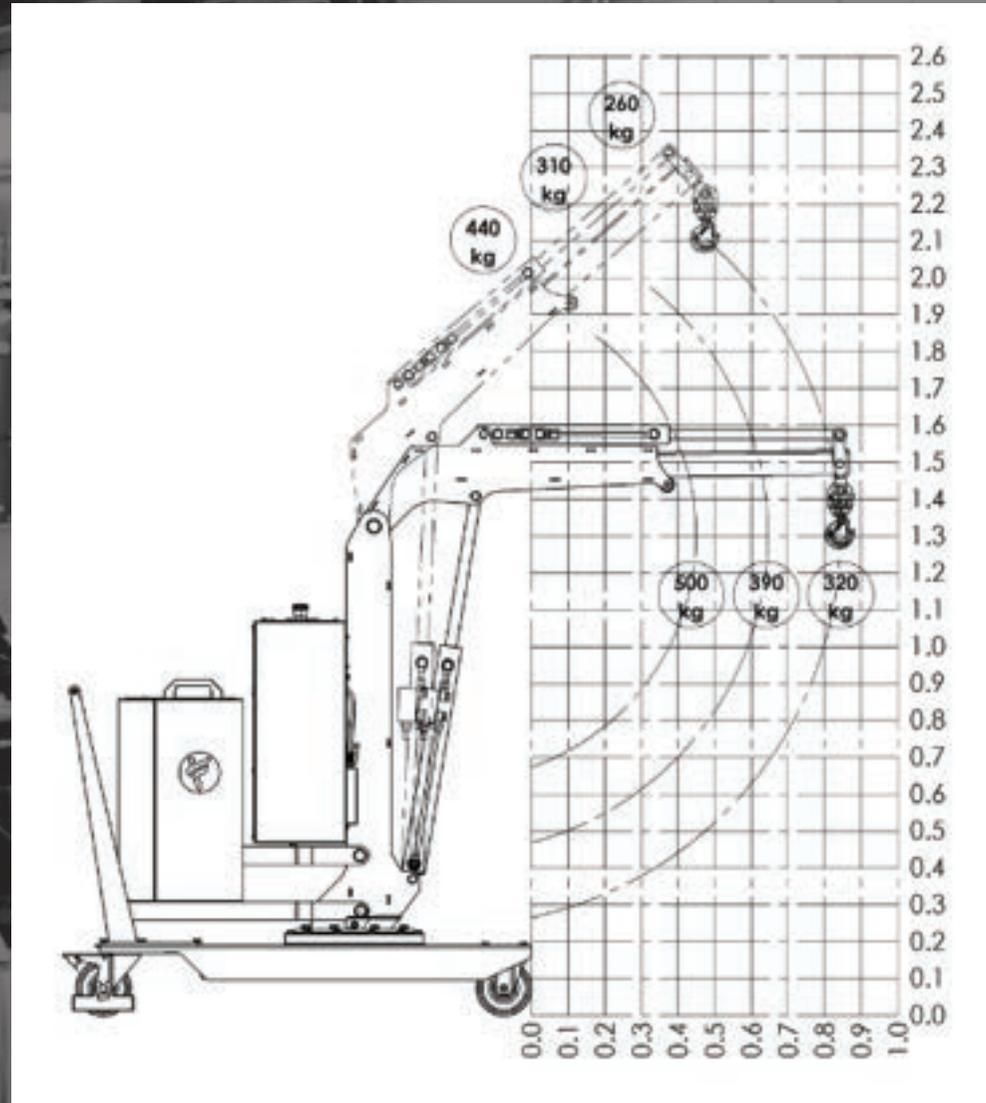
MAX. LIFTING HEIGHT \* with extension

**2650 MM**

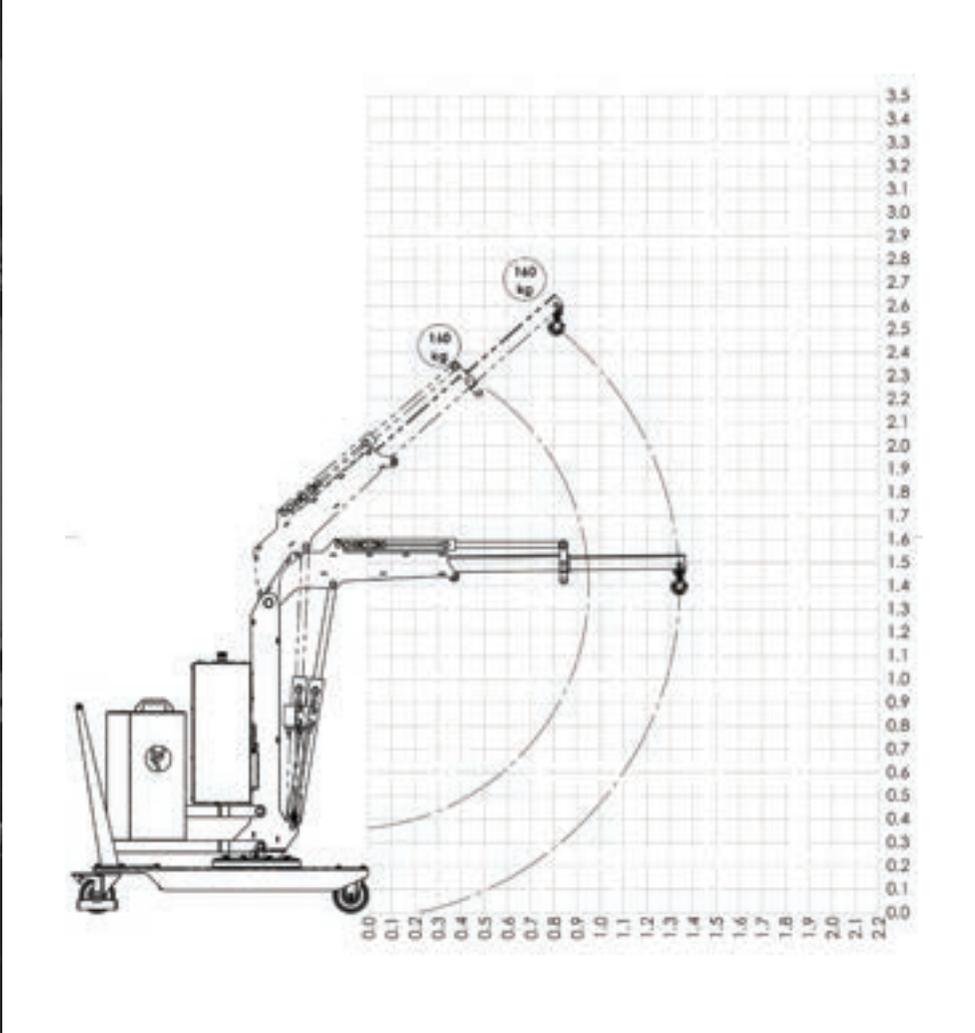
MAX OVERHANG \* with extension

**1312 MM**

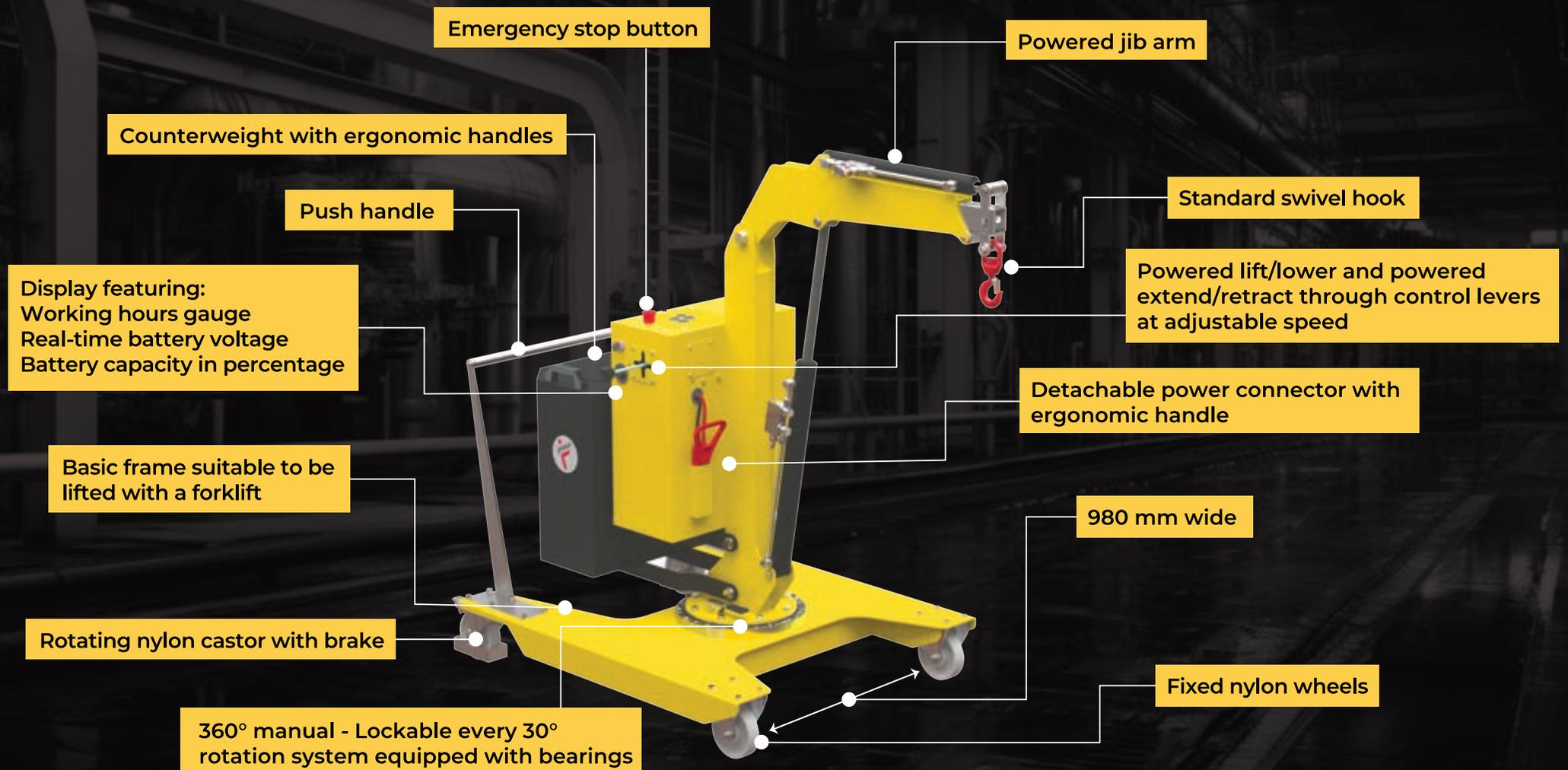
# LOAD CHART WITH STANDARD ELECTRIC ARM



# LOAD CHART WITH OPTIONAL MECHANICAL EXTENSION PZG\_SE



# MAIN FEATURES



# 8 GOOD REASONS TO CHOOSE A FLEXLIFTING CRANE



## **EASE OF USE**

Thanks to their intuitive design our cranes are easy to use and do not require an extensive staff training. A user friendly solution that improves efficiency and productivity at once.

## **NO INSTALLATION REQUIRED**

All our cranes are counterbalanced which means that a load can be picked & carried without using outriggers. Just turn the key on to get the cranes working. Our cranes come fully assembled and are ready to use. No installation = zero additional costs and waste of time.

## **VERSATILE AND FLEXIBLE**

Unlike fixed cranes, mobile cranes can move to several plant areas. No licence required. Our cranes can get closer to the load even in presence of obstacles or perimeter protections. They can be equipped with several type of underhooks.

## **COMPACT DIMENSIONS**

One of the main benefits of mobile cranes is their level of flexibility. This is particularly important in areas that have limited space or many obstacles in the way, and since they take up a lot less room they are a favoured choice for busy locations. Portable cranes can also be taken inside buildings, making them the perfect solution to in-door projects.

## **PRECISE POSITIONING**

The use of mini cranes, especially the ones equipped with a progressive speed control, lead to a better accuracy when positioning a load or a component that must be handled with care such as molds, engines, etc.

## **LOW MAINTENANCE**

Our cranes offer long-term performances with a short-term return on investment thanks to their low maintenance costs and reduced downtime, compared to other lifting equipment.

## **FAST LEAD TIMES**

One of our main goals is to be able to meet our customers' demand as efficiently as possible, always ensuring a ready-to-ship stock of almost all our mobile crane models.

## **INCREASED ERGONOMICS**

The use of mini cranes for moving and lifting loads eliminates physical efforts and manual operations and reduces injuries caused by musculo-skeletal trauma.

# POPULAR APPLICATIONS & MARKET SEGMENT



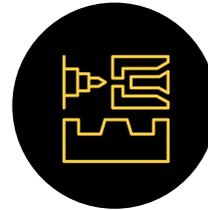
## GLASS PANELS

Using counterbalance cranes is an efficient and safe solution for installing glass panels, whether in building construction, renovation or architectural projects.



## TESTING

Counterbalance cranes are versatile and precise tools for positioning components on test benches. They offer benefits in safety, productivity and flexibility, making them a common choice for companies involved in product manufacturing and testing.



## PLASTIC INJECTION PROCESSES

Using counterbalance cranes to change molds is a common practice in the manufacturing industry, especially in the production of plastic parts, die-cast products and other molding processes.



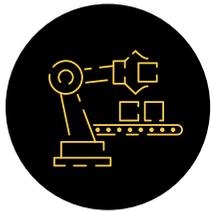
## MAINTENANCE

Cantilever cranes are often used in the aviation industry for specific aircraft-related tasks. For handling engines, dismantling seats, raising sensitive components such as radars or antennas, etc.



## TRAIN

Cantilever cranes are frequently used in the railway industry for servicing and maintaining trains. They are used for replacing components such as wheels, brakes, suspensions and engines. Cranes make it easy to lift and precisely position these components.



## ASSEMBLY LINE

Using mini mobile cranes along assembly lines can improve production efficiency, reduce the risk of accidents, and enable loads to be handled precisely in spaces where other equipment can't be maneuvered. This helps optimize manufacturing operations.



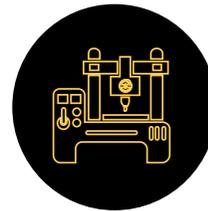
## PICKING

Using mini mobile cranes to bypass ground obstacles, where traditional workshop cranes cannot access due to their stabilizing legs, offers a practical and effective solution in various scenarios. They are extremely useful tools for lifting tasks in hard-to-reach spaces.



## ROOFTOP

Mini mobile cranes provide the lifting power needed while being compact enough to be transported and used in a variety of situations, making them indispensable for many jobs at height.



## CNC MACHINES

Using mini mobile cranes for tool changing and positioning on CNC machines improves the efficiency, safety and precision of machining operations. They have become essential equipment in many high-precision production workshops.



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