

# The modular Lift&Drive solution



## Lift&Drive

Ergonomically designed for light material handling for Manufacturing, Warehousing, Packing and Pharmaceutical industries, our aim is to reduce manual handling injuries in the workplace.

Our unique modular concept allows the lifter to be adapted to meet your specific and individual needs with standard capacities between 60-225kg.

## Lift&Drive Models



### Eco: E

The Eco is a flexible lifting aid with a standardised pre-set lightweight base and handy trolley with available accessories to suit your application and environment from 70kg to 90kg.

### Industrial Eco: IE

The Industrial Eco has a lifting capacity of 90kg to 115kg and is a very practical lift trolley for use in various environments including warehouses, post offices, to catering services.

### Professional: P

The Professional supports lifting from 60kg up to 225kg with a lightweight modular trolley which can be adapted to meet your requirements and environment.

### Product Accessories

- ✔ Drum Handling
- ✔ Roll and Reel Handling
- ✔ Bespoke Lifting Trolleys
- ✔ Pneumatic Vacuum Lifting
- ✔ Vacuum Lifting
- ✔ Ergonomic Lifting
- ✔ Lifting Devices
- ✔ Sack Handling
- ✔ Clean Room Lifting
- ✔ Work Positioners
- ✔ Reel Core Gripper
- ✔ Crane Systems

### Built-in Safety

The spindle drive of the Lift&Drive modular system incorporates a safety clutch as standard to eliminate the risk of accidents happening, squeeze entrapment or mast tilting backwards.

Built in squeeze overload protection which automatically disconnects the attachment (boom, platform) from the drive spindle if lifted upwards. The only down force is the load itself.

### Lift&Drive Applications

Whether to move paper reels, transfer heavy equipment or unload trucks in a warehouse, the Lift&Drive is a diverse product suited to any task where the traditional manual bend and lift is required.

Our Lift&Drive trolley is flexible and can be converted into a portable work station, and the height mask can be modified to meet your requirements. The lifter works to eliminate the kneeling and bending of the operator and therefore reduces the risk of injury.

### Clean Room Environment

We can supply stainless steel versions of our products which are suitable for clean room environments.

### Design & Manufacture

Our equipment is sold worldwide and is designed to improve working conditions by increasing safety and reducing injury. All our equipment is designed and manufactured in our factories in Sweden and are in accordance with safety standards and are CE certified.

### Specifications

- ✔ Different size swivel wheels
- ✔ Industrial wheels for durability
- ✔ Central 3-function brakes at rear wheels
- ✔ Maintenance free 24V rechargeable batteries
- ✔ Battery indicator as standard
- ✔ Inbuilt overload protection
- ✔ Spindle drive with safety clutch
- ✔ Silent operation
- ✔ Aluminium or stainless steel
- ✔ Strong and lightweight
- ✔ Ergonomically curved handles for extra support
- ✔ Handles are remote and height adjustable
- ✔ Easy to use hand control
- ✔ Variable lifting heights
- ✔ Modular base for bespoke options
- ✔ Range of lifting attachments
- ✔ Folding Ladders



# Ranges

**PRONOMIC**  
Lift&Drive

## Expand&Turn

### Tools for roll handling

The expander is fitted easily on our lift trolley, the Lift&Drive, and is available with manual or electrical operation.

The roll is secured from the centre with pneumatic expandable grips, electrically regulated from the handle control box.



### KEY FEATURES

- ✔ Fitted with rubber grips for maximum grip and with minimal impact on the roll.
- ✔ Once loaded, the roll can be positioned vertically or horizontally.
- ✔ Small rollers fitted on the top to facilitate the unloading of heavy rolls.
- ✔ To prevent accidental release the roll can only be loosened with both hands.
- ✔ Light fitted to indicate the expander is on.
- ✔ The Expander is available as standard for holes:
  - 3" or 76 mm
  - 6" or 152mm
  - 70mm
- ✔ We can handle rolls with cores up to 10" as bespoke units.

## Squeeze&Turn

### For simple and precise lifting and rotation

Our electrical clamp and rotate module squeezes from the outside to lift and rotate. The handling is accomplished with a gentle controllable force and the Squeeze&Turn arms hold the item in place during lifting, transport and rotation.

The Squeeze&Turn arms are controlled electrically from a control box on the handle. A joystick controls staples rotary and push buttons control the clamping function.

With a capacity of 60kg to 110kg this is the ideal technology for lifting rolls, barrels, drums, buckets and boxes.

### ACCESSORIES

These accessories are available to our Lift&Drive models, 90P, 125P, 160P, 225P

- ✔ 360 degree rotation.
- ✔ The Squeeze&Turn comes as standard with a 300mm stroke.
- ✔ Optional 500mm stroke is available.
- ✔ Arms can be mechanically adjusted to fit smaller or larger loads.
- ✔ The clamp arms can be customised.
- ✔ The unit requires a double command to open the clamping pillar, to prevent the load from accidentally being released and dropped.
- ✔ Made in stainless steel and aluminium.



## Case Study

**LOCATION: MILTON KEYNES**  
**INDUSTRY: SOLAR POWER**  
**REQUIREMENT: WAREHOUSE HANDLING**

SMA Solar UK Ltd is a subsidiary of SMA Solar Technology AG with corporate headquarters located in Kassel, Germany. Since their inception in 1981, SMA has grown to be the worldwide market leader for solar inverters and is represented in 19 countries on four continents. SMA is committed to delivering advancements and innovations in systems technology, making installation and operation of PV plants even simpler, more reliable and, above all, more cost-effective.

Within their small warehouse operation SMA Solar UK required a materials handling solution to increase the speed of moving stock. They were moving boxes from pallets onto

shelving via a roller table and used a step to gain access to transfer the box across onto higher shelving. We supplied a PRONOMIC Lift&Drive 125P +1000 mast extension with a roller platform and an additional step ladder which was mounted on to the back of the mast, providing a complete safe and effective handling solution.

*"Following the purchase of our PRONOMIC equipment we have minimised the logistical headaches of moving heavy products around a small warehouse and we are now meeting crucial deadlines. The machine is very easy to use and its performance is amazing."* SMA Solar UK, Service Department.



## Case Study

**LOCATION: CHESHIRE**  
**INDUSTRY: PRINTING & PUBLISHING**  
**REQUIREMENT: REEL HANDLING BESPOKE SOLUTION**

The printing company have 4 metre long large format printing reels weighing 200kgs including a shaft which needed to be moved within their digital printing facility and lifted into their digital printers.

Due to the length of the printing reel we provided a reel handling solution using the PRONOMIC Lift&Drive 225P model. The Lift&Drive trolley needed to travel sideways down the bed of the printer so we relined our directional wheels to be sideways. The wheels were locked until they were aligned to the machine. Once in this position the wheels could be unlocked

and the Lift&Drive pushed forward to lower the printing reels directly into the printer.

This Lift&Drive solution has reduced manual handling risks and damage to the reels.

The equipment also only requires a single operator and therefore offers a more efficient and safer way to change the printing reels.

