



# Motorized Hose Reel

Patented Technology  
2012

- Safety
- Efficiency
- Ergonomics



Third Generation in Hose Reel Technology



We are proud to introduce our new and patented hose reel, called *Assembly Reel*, developed to meet the specific needs and safety regulations of modern assembly lines.

After manual-driven and spring-driven hose reels, the AssemblyReel represents the third generation in hose reel technology.

Unlike conventional hose reels, the Assembly Reel is a motor-driven system. Since there is no spring, the force needed to unwind the hose manually is very low and constant regardless of the length of hose. This means the operator can unwind the hose without searching for the nearest locking position. But more importantly, this also means that there is no more danger of high-speed impact accidents should the locking mechanism fail or in case the hose should slip out of the operator's hand! In other words, the Assembly Reel rules out all the disadvantages of conventional spring-driven hose reels.

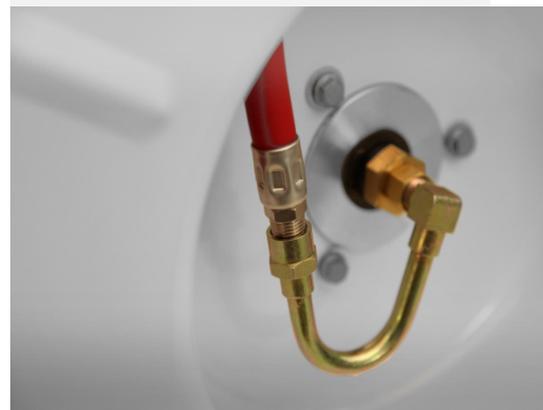
### **Clear that Stumble-Jungle!**

In many factories air hoses are lying on the floor during production. Consequently, this situation increases the danger of tripping accidents, damaged equipment and lost production time. Over the years several solutions have been proposed to end this age-old problem. None, however, have succeeded, but this is exactly where the Assembly Reel makes the difference!

### **Simplicity in Action**

Unlike other motor-driven hose reels, with the Assembly Reel the operator does not have to push any button nor stretch the hose in order to start the retraction! Due to its patented system all it takes is one short pulse on the trigger of his air tool and the Assembly Reel will commence retracting the hose automatically! Have a look at the video on our website and see how easy it is to work with this new generation of hose reels.

*One short pulse on the trigger of the air tool.  
Seriously, how much easier can it get ...!?*





Based on the recommendations from people who know firsthand the risks and frustrations of working in a stumble-jungle, we developed a hose retraction system that overrules all disadvantages of other motorized solutions.

Faithful to our back-to-basics philosophy, the design of the Assembly Reel is as simple and straightforward as it can be. No unnecessary frills! The reel can be mounted on a wall, under a work bench, against the ceiling or even at a 45° angle.

Each Assembly Reel comes with an electro-magnetic brake that keeps the air tool under the reel when not utilised (cover) and with a safety device that interrupts the retraction whenever the reel detects unusual resistance on the hose.

#### General Features

- Complies with all applicable CE and EMC regulations
- Maintenance free
- No silicone
- High quality components only
- Trouble-free installation (Plug-n-Play)
- Truly fingertip operation
- Very low and constant unwind force
- Adjustable rewind speed
- Resistance detection system
- Ridged and straightforward design
- Heavy gauge, powder coated steel
- Proven swivel assembly with PUR seal
- 2 year warranty

#### Technical Features

- Power: 24/110/230V
- Working pressure: 10 bar
- Max. hose capacity: 20 meters of dia. 3/8" or 15 meters of dia. 1/2"
- Force to unwind manually: ca. 4 Nf
- Brake capacity: ca. 25 Nf
- Retraction speed: adjustable between 0.5 - 1.5 m/sec
- Height: 510 mm
- Width: 190 mm
- Depth: 580 mm
- Weight: 27 kg

Visit our website to find more detailed information about this remarkable product.



Third Generation in Hose Reel Technology



## ALPHA REEL bvba

Industrial Estate DE BOCK  
Kieldrechtsebaan 51  
9130 Verrebroek  
[Belgium](#)

phone: 0032 (0)3 744 00 75  
fax: 0032 (0)3 707 00 76  
email: [info@alphareel.be](mailto:info@alphareel.be)

Local AssemblyReel Distributor

