

Buddy Smart Reel®

Specification Sheet



Smart Reel Features

✓ My-Pace®

The 2 button remote offers My-Pace custom rewind speeds. Fast, slow or in-between - you can choose a speed that suits the terrain you are working in.

✓ EHM- Easy Hose Management

EHM maintains constant hose speed regardless of the length of hose you are using. This saves you running to the finish, like with other non-smart reels!

✓ Safe-Stop

No more slamming the hose stopper into the guide rollers and causing damage. With safe-stop, the reel will automatically slow down at a preset distance out from home position to ensure a smooth stop.

✓ Radio System

The Buddy Smart Reel features a purpose built radio system using the latest digital radio technology. The line of sight range is greater than 400m.

✓ Free-Reel Drag

An easy to change drag setting lets you choose how much or how little resistance you want when pulling out the hose. The Buddy Smart Reel is the easiest reel to pull out on the market today.

✓ Diagnostics

On-board diagnostics use a built in LED display letting you troubleshoot a low voltage or faulty power wiring with ease.

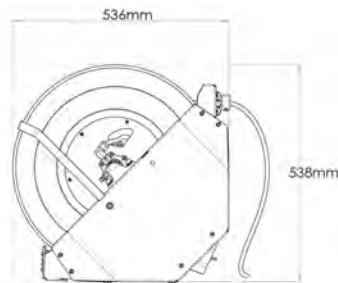
Model Dimensions & Weights

| Code | Hose Length (M) | Length (mm) | Width (mm) | Height (mm) | Weight (kg) |
|------------|-----------------|-------------|------------|-------------|-------------|
| ATHB030M10 | 30 | 536 | 250 | f38 | 21 |
| ATHB050M10 | 50 | 536 | 250 | f3f | 23 |
| ATHB100M10 | 100 | 710 | 260 | .1 | 30 |
| ATHB150M10 | 150 | 710 | 260 | .10 | 35 |

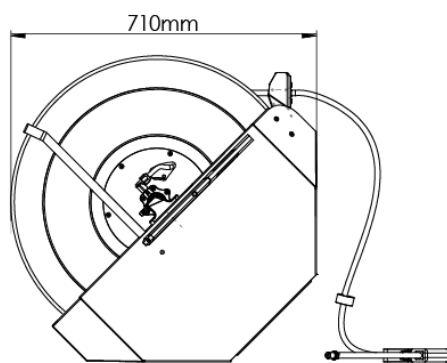
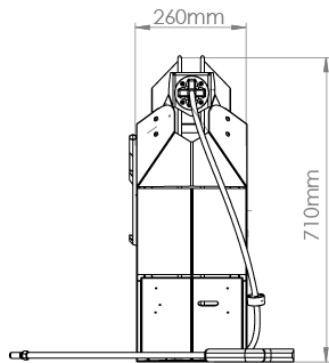
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Reel Dimensions

30 & 50m



100 & 150m



Buddy Smart Control



My-Pace® Remote



Specifications

Reel Specifications

| Item | Description | Details |
|---------------|--------------------------------------|---|
| Reel | 30/50/100/150m | Zinc plated & powder coated steel construction with spun spool semi-enclosed for greater protection. Complies with EN 349 - Safety of machinery |
| Motor | 12VDC Brushless Direct Drive System | Purpose developed state of the art electronically controlled brushless spark free combined with planetary gear set - 250Watt |
| Rewind-Remote | 2 button hand-held radio transmitter | 915mhz 2 speed MyPace™ speed customising function. 2xAA Batteries supplied. Low battery warning |
| Rewind-Switch | Push button switch | Manual Retraction Override |
| Hose | Flexible single layer nylon tubing | 10mm ID flexible nylon tubing with a minimum burst pressure of 1000psi. Hose is strong and lightweight with excellent chemical impact resistance |
| Hose Guide | 4 Hose Roller Guide | Stainless steel housing with resistance free polypropylene rollers (easily replaceable) |
| Swivel | Heavy Duty forged brass | Built in dual, sealed stainless ball bearings in chrome plated forged brass swivel for high performance and reliability. |
| Mounting | | 160 x 160mm mounting pattern. Mounting kit including bolts supplied. suited to base mounting. |
| Power System | 12-24VDC | Will operate from 12V or 24VDC vehicle battery. Built-In cut out stops reel operation if battery voltage falls below 9.0V. Battery protection system. Supplied with 4m wire harness complete with alligator clips & lighter socket adapter suitable for 20Amp lighter socket. Encapsulated weatherproof electronics for extreme water and humidity resistance |

Delve Deeper...

| The Buddy Smart Reel | Other Auto Reels |
|---|---|
| ✓ Integrated Direct Hub Drive | ✗ External motor coupled by belt, chain or gears |
| ✓ Long life brushless motor | ✗ Carbon Brushes in motor subject to wear and failure from humidity |
| ✓ Electronic motor control for smooth operation | ✗ On/Off resulting in abrupt start/stop and burnt out relays |
| ✓ Load sensing, electronically limited motor current, will slow down if hose is snagged | ✗ Will blow fuse if hose is snagged |
| ✓ Low Current draw - reel can operate from a good 20Amp rated vehicle socket | ✗ Must have dedicated heavy duty power supply |
| ✓ Easy Pairing when replacing a remote or swapping between reels | ✗ Requires tools or special program cable to replace remote |
| ✓ Integrated radio antenna technology | ✗ Old style exposed aerial subject to breaking and theft |
| ✓ Latest digital radio technology for superior range - multiple reels can work together | ✗ Often use old technology that has reduced range and cannot be used on multiple reels |
| ✓ My-Pace field customizable rewind speeds | ✗ Single fixed rewind speed - Too fast or too slow |
| ✓ Safe-Stop, auto slowdown as you approach home position | ✗ You must stop rewinding and wind by hand for the last few meters to prevent damage to reel. |
| ✓ Easy Hose Management (EHM) gives constant hose rewind speed | ✗ Fixed rotation causes hose to continually gain speed as you get closer |
| ✓ Easy to unwind hose with adjustable resistance | ✗ Harder to unwind due to resistance of the drive system/pulley/chain/gearbox |
| ✓ Built in low voltage battery protection with indication | ✗ Vehicle battery can be discharged (top point of failure without operator knowing) |
| ✓ Sealed (encapsulated) weatherproof reel electronics | ✗ Electronics subject to failure from moisture and humidity and vibration |
| ✓ Remote uses standard AA batteries | ✗ Often Use uncommon and expensive batteries |
| ✓ Diagnostic mode with LED display for trouble shooting | ✗ No diagnostics |
| ✓ Supplied with full electric cable kit including battery clips, lighter plug & fuse | ✗ Extra cable & fuse need to be purchased |

Options & Accessories

AHG102ST



Turbo 400 Spray Gun

- Adjustable turbo atomiser
- Swivel and Viton seals
- Glass filled nylon body

AHG103ST



Turbo 400 Spray Gun

- Adjustable turbo atomiser
- Swivel and Viton Seals and Alloy Handle
- Die-Cast Alloy Handle

AHG110ST



Powerjet Pistol Grip Spray Gun

- Brass Adjustable Spray Nozzle
- Ball Bearing Swivel
- 700mm long

AHG104ST



Heavy Duty All Metal Pistol Grip Spray Gun

- Adjustable spray nozzle
- Teflon Seals
- Ball bearings swivel

AHG105ST



Spot 300 Trigger Controlled Spray Gun

- Trigger adjustable spray position
- Teflon Seals
- Ceramic Nozzle for superior wear