



WAM™

The Miniflex WAM™ micro cable pushing machine has been specifically designed to speed up installation time and improve ease of fibre cable installation to and from the subscriber to the network access point. The WAM™ is a rechargeable battery powered installation tool that enables a pre-connecterised cable such as the Miniflex QuikPush™, to be 'pushed' from the home all the way through our DVC™ Microduct right down the road to the fibre distribution node.

The WAM™ is light weight (1.5kg ~ 3.3lbs) portable tool making it ideal for internal and external use. It can be mounted on a tripod, set on a flat work surface or handheld in situations where space is at a premium. It is powered by a standard 18V DeWalt™ rechargeable battery pack which is supplied with the unit.

WAM™ will guide and push a variety of fibre bundles and cables from 1.5mm (0.059 in.) to 5mm (0.197 in.) outside diameter through a range of Microduct sizes from 5mm (0.197 in.) to 12.7mm (0.5 in.). The standard machine is configured for micro cable pushing so installers should request the appropriate special tyres for applications involving fibre bundles and other cables.

Product Features & Performance

1. 18 Volt DeWalt™ battery powered
2. Permanent rubber feet on bottom of unit to allow bench-top operation and for ease of maintenance
3. Tripod & handle mounting thread
4. Works with 5, 6, 6.35, 8, 10 and 12.7mm OD Microduct.
5. For non-Miniflex cables air lubrication can be applied if required - typically 7 CFM (0.23 cubic metres per minute) at 150 PSI (Max 10 bar) from a regulated source.
6. Static electricity earthing point on unit.
7. User changeable drive tyres
8. Quad ball bearing drive-train with large modulus gears for maximum drive torque transmission.
9. User changeable fuse
10. Internal self resetting fuse
11. Temperature controlled internal fan with user cleanable filter.
12. 9-way D connector to allow download via PC of updated software when released.
13. The WAM™ will install the QuikPush™ cable (TuffNut™ with the Ballistix™ connector) through 100m (~300ft) of DVC™ Microduct with twelve 90-degree bends of 15cm (~6in.) radius in less than 10 minutes. When installing TuffNut™ pigtails or cables without the Balistix™ connector the rate of install will be 25% faster.
14. Each WAM™ has a serial number and date of manufacture
15. The WAM™ comes with a handle so it can be used where there is limited space.

Standard Kit

The core WAM™ package consists of a WAM™ unit, Tool/Spares Kit, 1 battery and battery charger (region specific) as well as an Operator's Manual.

Air Kit

Where air lubrication is required the WAM™ will be supplied with an Air Kit with all the necessary accessories.

Accessories

Other accessories include the tripod, handle, spare tyres, seals and clips, anti-static lead, extra batteries, carry case, tool/spares kit, 9-way D connector, batteries and battery chargers.

Controls

The controls are selectable via "click" type buttons - 1, 2 & 3 with the function feature displayed on an LCD screen with back lighting.

Selectable functions include thrust settings, distance counter in feet or metres and acts as a start and stop button and register management controls.



Benefits

- Easy to use for pushing drop cable through Microducts
- Adaptable to all standard cables and Microducts
- Torque limited - prevents buckling and sheath damage
- No high tension loads on the cable/fibre bundle during installation
- Faster than pulling
- Minimises risk of downtime & rework
- Saves time and money

Further information on the full range of Miniflex FTTH products (including: SNAC™, DVC™ Microduct and Quikpush™) can be found on our website.

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