

TORNADO CABLE BLOWING UNIT



The cable blowing machine, comprising an air box and cable pusher, has been designed to provide an effective and safe method of fibre optic cable installation. The system installs fibre optic cable of 6mm (0.25") to 32mm (1.25") overall diameter, at speeds up to 90m/min (300ft / min), into preinstalled ducts. The system operates on the viscous drag principle employing compressed air to install the cable, controlled and assisted by the belt drive system. The cable is propelled by compressed air, fed into the duct via a venturi principle, while the hydraulically powered belt drive system controls the fibre optic cable. The electronic monitoring system provides a readout of speed and distance, gives protection against duct obstructions and includes an emergency stop facility. The system is mounted on an anti-corrosion treated, sturdy, height adjustable, wheeled, tubular steel trolley. This allows the unit to be wheeled around on site. The hydraulic petrol-driven power pack provides power. The unit is CE approved.

FEATURES

Power on/off button
Emergency stop button
Reset button
Combined length counter recording in metres (feet) and cable speed read out in metres/min (feet/min)
Hydraulic on/off control valve
Adjustable speed control for drive belts
Air supply control on/off with automatic exhaust function

CHASSIS

Front mounted wheels for ease of manoeuvrability
Lightweight anti-corrosion treated tubular steel frame
Adjustable frame allowing unit to be titled up 30°, reducing bending of duct and cable
Adjustable rear legs for uneven terrain

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AIR BOX

Manufactured in aluminium
Range taking of cables from 6mm - 32mm (0.25"-1.25") by means of interchangeable collets with double cable sealing arrangement
Duct sealing at mouth of air box
Duct gripping facility designed to obviate duct crushing and distortion
All seals, except cable seals, have a common diameter cord
Upper section of air box is retained
Air box aligned is adjustable for varying cable diameters
No tools are required to split air box for insertion of cable and duct
On/off air control valve with automatic air exhaust from duct when in "off" position

CABLE FEEDER

Manufactured in cast aluminium
Hydraulically powered
Unit lifts and splits to allow insertion of cable between drive belts
Drive belts are profiled polyurethane, moulded
Belt tension can be set by means of adjustable chain drive tensioners fitted to the side of the unit
System relief valve fitted as standard

TOOL BOX

3mm Allen Key
4mm Allen Key
5mm Allen Key
6mm Allen Key
Long reach Allen Key
3mm diameter cord 2.5 metres long
Silicone Grease
Pliers 150mm
Screwdriver 150mm (slot)
Knife
13-17mm A/F Spanner
19mm Combination Spanner
Battery Charger
Battery Charge Indicator

Storage Case

Operating Manual
Instructional Video