

C-1800 AccelAir 2

The C-1800 Fibre Blowing Machine (Accelair 2) has been developed to provide a simple to use and reliable fibre blowing solution. The Accelair 2 is designed to fit a fibre range up to 3mm diameter, thereby providing the complete range of blown fibre installation solutions from one machine.

The Accelair 2 is a compact integrated fibre blowing machine benefiting from full automation and fibre management; sophisticated fibre protection is implemented to ensure the fibre mechanical and optical integrity is maintained. The machine only requires a single 24V D.C. electrical supply and compressed air to operate.

Specification

Fibre Compatibility:	Up to 1.6mm with buckle detection, up to 3mm without buckle detection
Blowing Speed:	Manual control to 100 metres per minute can be achieved
Compatible Tubes:	Any size from 3mm to 10mm
Automation:	In buckle mode machine is self-regulating
Air Supply:	15 Bar max working pressure complete with suitable air conditioning (drying)
Electrical Supply:	Universal mains power supply (supplied as standard): 85-265V AC 47-63Hz or 120-370V DC input, 24V DC 2.2A output. Battery pack and vehicle adaptor available upon request.
Control:	Remote user interface with backlit screen provides all necessary information; including current distance, speed, torque setting and fibre status.
Machine size:	L: 184mm W: 120mm H: 166mm Weight: 3Kgs
Case size:	L: 520mm W: 430mm H: 220mm Weight (all in): 12kg



Product No

C-1800

Description

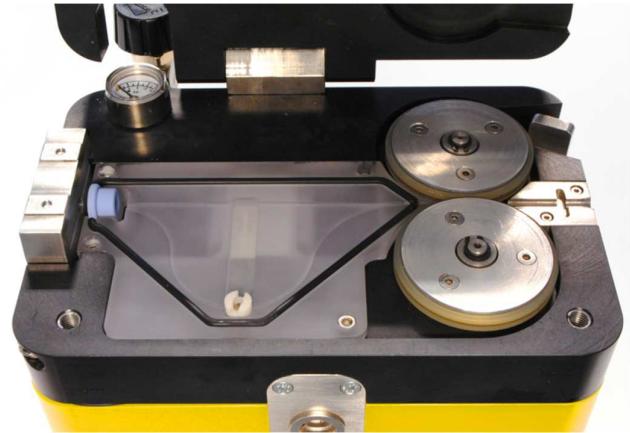
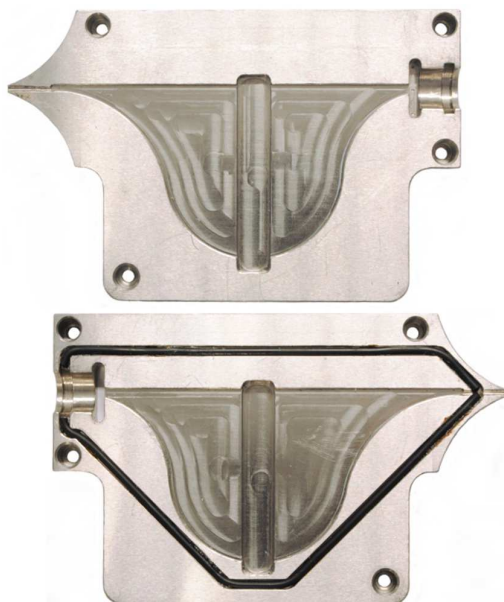
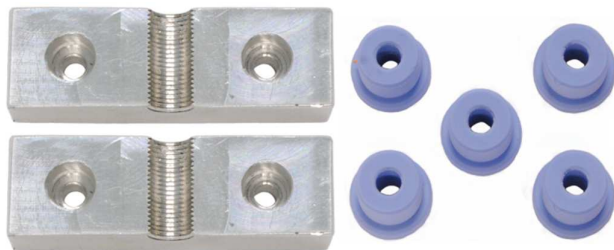
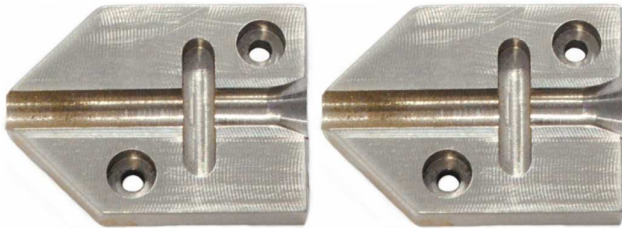
Accelair 2 Fibre Blowing Machine c/w Power Cable, Universal Mains Supply and carry case

Machine custom set for your fibre.

AccelAir2 Configuration

In order to customise your AccelAir2 to your application, please select one of each from the list below, the infeed guide (A), tube clamp (B) and fibre buckle plates (C).

When ordering, please have tube and fibre dimensions available.



A) Infeed Guides

Product No	Description
C-1800-CG-2	Infeed Guide up to 2mm
C-1800-CG-3	Infeed Guide from 2 to 3mm

B) Tube Clamp

Product No	Description
C-1800-TBC-03	Tube Clamp and Seals – 3mm
C-1800-TBC-04	Tube Clamp and Seals – 4mm
C-1800-TBC-05	Tube Clamp and Seals – 5mm
C-1800-TBC-06	Tube Clamp and Seals – 6mm
C-1800-TBC-07	Tube Clamp and Seals – 7mm
C-1800-TBC-08	Tube Clamp and Seals – 8mm
C-1800-TBC-09	Tube Clamp and Seals – 9mm
C-1800-TBC-10	Tube Clamp and Seals – 10mm

C) Fibre Buckle Plates (with Buckle Shuttles)

Product No	Description
C-1800-FBP-C0.9-SS	Fibre Buckle Plates – 0.9mm
C-1800-FBP-C1.0-SS	Fibre Buckle Plates – 1.0mm
C-1800-FBP-C1.1-SS	Fibre Buckle Plates – 1.1mm
C-1800-FBP-C1.2-SS	Fibre Buckle Plates – 1.2mm
C-1800-FBP-C1.3-SS	Fibre Buckle Plates – 1.3mm
C-1800-FBP-C1.4-SS	Fibre Buckle Plates – 1.4mm
C-1800-FBP-C1.5-SS	Fibre Buckle Plates – 1.5mm
C-1800-FBP-C1.6-SS	Fibre Buckle Plates – 1.6mm

AccelAir2 Configuration – Continued



C) Fibre Blowing Plates (without Buckle Shuttle)

Product No	Description
C-1800-FBP-N1.6-SS	Fibre Blowing Plates – 1.6mm
C-1800-FBP-N1.7-SS	Fibre Blowing Plates – 1.7mm
C-1800-FBP-N1.8-SS	Fibre Blowing Plates – 1.8mm
C-1800-FBP-N1.9-SS	Fibre Blowing Plates – 1.9mm
C-1800-FBP-N2.0-SS	Fibre Blowing Plates – 2.0mm
C-1800-FBP-N2.1-SS	Fibre Blowing Plates – 2.1mm
C-1800-FBP-N2.2-SS	Fibre Blowing Plates – 2.2mm
C-1800-FBP-N2.3-SS	Fibre Blowing Plates – 2.3mm
C-1800-FBP-N2.4-SS	Fibre Blowing Plates – 2.4mm
C-1800-FBP-N2.5-SS	Fibre Blowing Plates – 2.5mm
C-1800-FBP-N2.6-SS	Fibre Blowing Plates – 2.6mm
C-1800-FBP-N2.7-SS	Fibre Blowing Plates – 2.7mm
C-1800-FBP-N2.8-SS	Fibre Blowing Plates – 2.8mm
C-1800-FBP-N2.9-SS	Fibre Blowing Plates – 2.9mm
C-1800-FBP-N3.0-SS	Fibre Blowing Plates – 3.0mm

AccelAir2 Spares and Accessories



Tube Seals

Product No	Description
C-1800-TS-03	Tube Seals – 3mm
C-1800-TS-04	Tube Seals – 4mm
C-1800-TS-05	Tube Seals – 5mm
C-1800-TS-06	Tube Seals – 6mm
C-1800-TS-07	Tube Seals – 7mm
C-1800-TS-08	Tube Seals – 8mm
C-1800-TS-09	Tube Seals – 9mm
C-1800-TS-10	Tube Seals – 10mm



Buckle Shuttles

Product No	Description
C-1800-BS	Buckle Shuttles – pack of 5

**AccelAir2 Spares and Accessories –
Continued****Silicon Tyres (Drive Wheels)**

Product No	Description
C-1800-T1	Silicon Tyres Small – 5 Pairs 0.8 – 2.0mm Fibres
C-1800-T2	Silicon Tyres Large – 5 Pairs 2.1 – 3.0mm Fibres

**Battery Pack**

Product No	Description
C-1800-DC-KIT	Li-Po Battery Pack c/w vehicle adapter kit, 12-24v DC converter, 12v vehicle power outlet and mains charger (2x batteries supplied)
C-1800-BATT	Additional Battery

Blown Fibre Compressor

A compact 10 Bar compressor specifically for use with the CBS C-1800 Accelair2 Blown Fibre Unit. The compressor is fitted with aftercooling, filtration and air drying essential in providing the optimum viscous drag effect for maximum fibre blowing length.

SPECIFICATION

- Power Source:** Petrol air-cooled Honda GX160 engine, key start
- Air Compressor:** Hydrovane, Vane type delivering 200ltr/min @ 10 Bar.
- Electrical Output:** For powering C-1800 Blown Fibre Unit.
- Air Conditioning:** Membrane dryer providing +1°C Pressure Dew Point based on +35°C inlet temperature and maximum flow. Filtration to 0.01µm particulate and oil removal.
- Temperature Spec:** Ambient range +5°C to +40°C Cooling to maintain air temperature to within +3°C of ambient.
- Length:** 875mm
Width: 680mm
Height: 605mm
Weight: 95kg



<u>Product No</u>	<u>Description</u>
C-1420-10	Fibre Blowing Compressor c/w air hose 7m