

BREEZE Cable Blowing Machine

The "BREEZE" Cable Blowing Machine has been designed to meet the growing need for the installation of micro cables. Small and portable with ergonomic controls, it is ideally suited for external or internal use. The compliant double driven cable rollers provide secure grip whilst safely handling the cable. The pushing force can be set to match the cable stiffness, and the speed control is fully adjustable between zero and maximum. Recent improvements to the machine implement a high/low torque switch giving greater sensitivity when adjusting low-end torque. This allows the installation of a greater range of cables down to 1mm in diameter.

The machine is retained in a lightweight, robust aluminium housing and supplied completed with working/carrying case and "J" Mac air coupling.

A full range of accessories is available to handle the cable and tube range.



SPECIFICATION

Cable Diameter:	1 to 8mm
Tube Size (Outside Dia):	5.0 to 12mm
Cable Speed (Adjustable):	0-62m/min
Maximum Air Pressure:	15 Bar
Power Requirement:	220/110 Volt AC 50/60 Hz

SHIPPING SPECIFICATIONS (including travel case)

Length:	470mm
Width:	340mm
Height:	490mm
Weight:	40kg



Supplied as 110V Ac 50/60 Hz (standard)

For 220/240v Ac 50 Hz

Transformer C-TRANS-CM-7501 required

ORDERING DETAILS

Product No	Description
C-1300	Breeze Cable Blowing Machine

ACCESSORIES

Steel Drive Wheel Kit	C-1300-DW-S-KIT
Soft Drive Wheels	C-1300-DW-P-RUBBER

BREEZE Configuration for Cable Blowing

In order to customise your new "Breeze" to your application, we ask that you pick, one each from the list below, the Tube Collet Assembly, the Cable Guide Assembly and the Cable Collet Assembly.

When ordering, please have Tube and Cable dimensions available.



A) Tube Collet Assembly

Tube O.D	Part No
5mm	C-1300-TBC-05
7mm	C-1300-TBC-07
8mm	C-1300-TBC-08
10mm	C-1300-TBC-10
12mm	C-1300-TBC-12
14mm	C-1300-TBC-14
16mm	C-1300-TBC-16-01

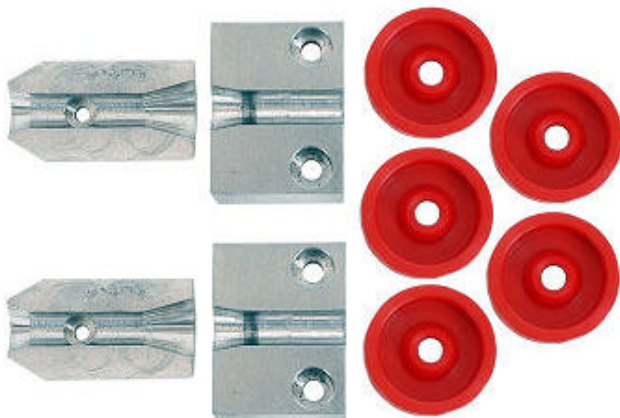
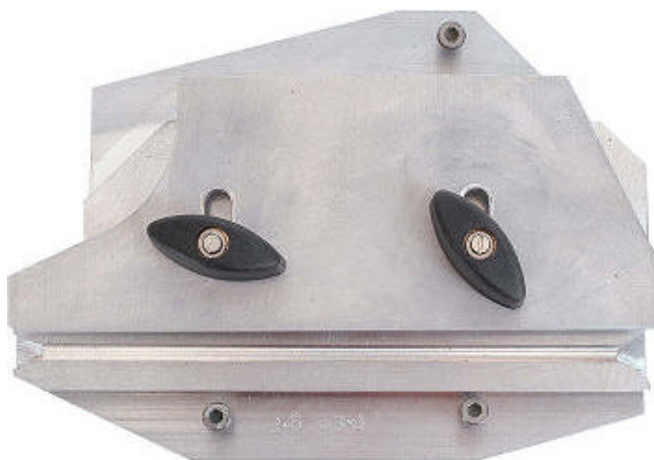
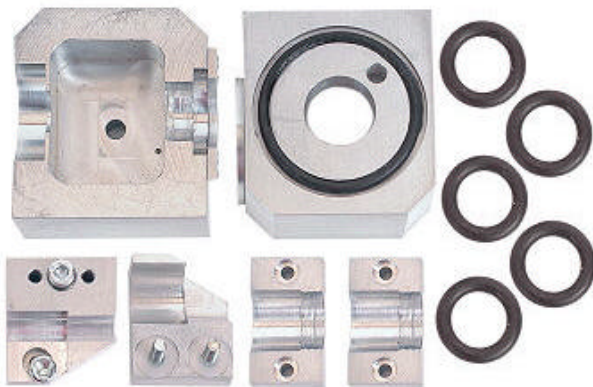
B) Cable Guide Range

Cable Range	Part No
1.0 - 2.5mm	C-1300-AS1041-3880
2.5 - 3.8mm	C-1300-AS1041-2538
3.8 - 8.0mm	C-1300-AS1041-3880

C) Cable Collet Assembly

Cable Size	Part No
2.5 - 3.0mm	C-1300-CBL-2530
3.0 - 3.8mm	C-1300-CBL-3038
3.8 - 5.0mm	C-1300-CBL-3850
5.0 - 6.4mm	C-1300-CBL-5064
6.4 - 8.0mm	C-1300-CBL-6480

For Cable range 1mm - 2.5mm please contact CBS Products Ltd for parts selection.



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For Cable range
1 mm - 2.4 mm



CABLE SIZE

1.0 mm	Part Assy for 1.0 mm Cable	C-1300-CBL-102010
1.1 mm	Part Assy for 1.1 mm Cable	C-1300-CBL-102011
1.2 mm	Part Assy for 1.2 mm Cable	C-1300-CBL-102012
1.3 mm	Part Assy for 1.3 mm Cable	C-1300-CBL-102013
1.4 mm	Part Assy for 1.4 mm Cable	C-1300-CBL-102014
1.5 mm	Part Assy for 1.5 mm Cable	C-1300-CBL-102015
1.6 mm	Part Assy for 1.6 mm Cable	C-1300-CBL-102016
1.7 mm	Part Assy for 1.7 mm Cable	C-1300-CBL-102017
1.8 mm	Part Assy for 1.8 mm Cable	C-1300-CBL-102018
1.9 mm	Part Assy for 1.9 mm Cable	C-1300-CBL-102019
2.0 mm	Part Assy for 2.0 mm Cable	C-1300-CBL-102520
2.1 mm	Part Assy for 2.1 mm Cable	C-1300-CBL-102521
2.2 mm	Part Assy for 2.2 mm Cable	C-1300-CBL-102522
2.3 mm	Part Assy for 2.3 mm Cable	C-1300-CBL-102523
2.4 mm	Part Assy for 2.4 mm Cable	C-1300-CBL-102524

NOTE: For use only with Drive Wheels C-1300-DW-P-RUBBER

C-1300-DW-S-KIT Metal Drive Wheel Kit

Under certain conditions, e.g. in series blowing where lubricant is used, knurled metal drive wheels offer increased grip on the cable.

The kit comprises of a pair of drive wheels and a sprung loaded mechanism allowing the drive to compensate for variances in cable diameter whilst applying a consistent load.



ORDERING DETAILS

Product No	Description
C-1300-DW-S-KIT	Metal Drive Wheel Kit

C-1300-DW-P-RUBBER Black Drive Wheels

These drive wheels have parallel (ungrooved) surfaces and are made of a softer material than standard, C-1300-DW-90 drive wheels. Recommended for use with small cables 1.00mm to 2.5mm or when extra grip is required.



ORDERING DETAILS

Product No	Description
C-1300-DW-P-RUBBER	Black Drive Wheels

Cable Blowing Compressor

M17 Compressor specifically for use with Breeze Cable Blowing Machine having 15 bar pressure with 1000 litres/m (35.3cfm) flow.

The compressor is fitted with an aftercooler and water separator and comes mounted on a two-wheeled trolley.



SPECIFICATION

Engine:	Honda 21.5HP
Fuel Tank Capacity:	20 litres
Length:	1200mm
Width:	800mm
Height:	780mm
Weight:	205kg

ORDERING DETAILS

Product No	Description
C-M17-15	Compressor (Breeze)

MicroGlide Lubricant

CBS Micro Glide is a water-based preparation of a blend of polymers. It is easily applied and exhibits excellent coverage.

It is non-toxic, non-flammable and has no physical or chemical effects on cable sheath or sub-duct. It can be used on cable blowing or pulling.

Typical Properties

Appearance:	Milky Mobile Liquid
SG:	Approx 1
Viscosity:	2500 – 4000 cst
PH:	6 - 8

Note: A Technical Data Sheet is provided when ordering Lubricant



ORDERING DETAILS

Product No	Description
C-1313-250	Micro Glide Lubricant – 250ml
C-1313-5000	Micro Glide Lubricant – 5 Lts

Micro Cable Fleeting Device

The Micro Cable Fleeting device has been developed to enable longer lengths of fibre optical cable to be laid from a single drum.

Employed when the cable needs to be removed from the cable drum, in preparation for blowing the second section.

SPECIFICATION

Cable Diameter: 5 – 8mm

Max Cable Length: 2000m

BASKET SIZE:

Diameter: 1200mm

Max Width: 1285mm

Unit Height: 1420mm

Weight: 43.5kg



ORDERING DETAILS

Product No	Description
C-1315-20-08	Cable Fleeter

Breeze Cable Drum Stand

The Drum Stand has been designed in sections for ease of transportation and simply slots together to form a rigid and stable drum stand. The shaft is fitted with bearings and drum location collars are also included.

Two hydraulic jacks provide drum lifting.

SPECIFICATION

Max Drum Weight:	150kg
Min Drum Diameter:	900mm
Max Drum Diameter:	1200mm
Max Drum Width:	600mm
Length:	1278mm
Width:	1060mm
Height:	706mm
Spindle Diameter:	51mm
Weight:	82.4kg



ORDERING DETAILS

Product No	Description
D-1156	Drum Stand

Breeze Cable Drum Cradle

The Drum Cradle has been designed to lift 2 x 1200 mm maximum diameter of micro duct with a total weight of 200kg. The Drum Cradle is a rigid tubular steel construction with a detachable drum spindle and drum spacer, the drum spacer prevents the drums from rotating against each other. The drum shaft is locked in position by a sprung loaded plunger that can be fixed to allow removal of the drum spindle.

When the drums are loaded into the frame the handle can be swung over such that the ground frame is upper most and used to move the drums around the site.



ORDERING DETAILS

Product No	Description
C-1325	Cable Drum Cradle

SPECIFICATION

Max Drum Weight:	200kg
Max Drum Width:	850mm
Max Drum Diameter:	1200mm
Min Drum Bore:	63mm
Length:	1110mm
Width:	1200mm
Height:	790mm
Weight (Empty):	32kg