EZ300 Pull Line Blower

all-rounder for cable laying



Standard equipment in strong plastic case



The simple way to blow pull line duct cleaning and calibrating in one step

Facts

- **Blow** or vacuum **without compressor** a pull line from ø 1mm up to 5mm with a tensile strength of up to 500 kg
- **Independent of electric power supply**
- For all commercially available cable conduits (internal diameter from **ø 50 to 200 mm / 1" to 8"**)
- For cable installations in underground, road, tunnel bridge, railway construction
- For blowing lengths of **1000 m** and more (current record 2'850 m)
- Huge **time saving** in cable installation
- Cleaning, taking water out, calibrating and line feeding in one step
- Lightweight and compact
- Excellent accessibility, even in confined spaces
- Easy to handle
- Suitable in any car boot







See Video EZ300

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SWISS MADE

EZ300 Pull Line Blower

all-rounder for cable laying

Intended Use

- **Electricity free** – insert pull line in all commercially available cable conduits of internal diameter from **50 to 200 mm / 1" to 8"** (replaces required compressor)
- for cable laying in houses, buildings, network systems such as civil engineering, underground works, roads, tunnels, bridges, cable car systems, mountain railways, etc.
- for pipe connections in narrow cable ducts
- for lengths of **1000 m** and more
- in certain situation switch to suction mode and suck the shuttle from the opposite end
- condensation water, surface water, small residues or impurities may be taken out by the shuttle
- separate calibration rather not necessary

Function

- conduit ends must be cut clean and straight (or use the cone).
- attach the adapter or special accessory matching the pipe diameter
- first, blow air without shuttle, check if conduit penetrable/correct conduit
- assemble shuttle corresponding exactly to the internal diameter of conduit
- insert pull line through pull line supply and knot it tightly to the shuttle
- place shuttle in the conduit and press EZ300 to the conduit
- blow shuttle through without interrupting
- attach either cable/s or extra strong pull line and start pulling

Technical Data

Engine:	Single cylinder two-stroke engine
Displacement:	27,2 cm³
Engine power to ISO 7293:	0,8 kW (1,1 PS)
Maximum air flow rate:	
Blowing mode	810 m³/h
Suction mode	770 m³/h
Air Velocity	
Round nozzle Ø 200mm	7 m/s
Round nozzle Ø 150mm	13 m/s
Round nozzle Ø 100mm	29 m/s
Round nozzle Ø 50mm	115 m/s

Noise and Vibration Data
Weighted equivalent level includes idling and racing in a ratio of 1:6

Sound pressure level Lpeq to ISO 22868	
Blowing mode	90 dB(A)
Suction mode	96 dB(A)
Sound power lever Lweq to ISO 3744	
Blowing mode	103 dB(A)
Suction mode	105 dB(A)

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Scope of supply EZ300 Pull Line Blower with STANDARD Equipment
in strong plastic case

- 1 EZ300 pull line blower with two-stroke engine
- 5 shuttles complete set
  (dimensions free of choice from ø 50-200 mm / 1"-8")
- 2 parachutes
  - for int. conduit ø of 60 to 100 mm / 2 ½" - 4"
  - for int. conduit ø of 100 to 150 mm / 4" - 6"
- 1 cone for conduits with ID ø from 50 to 120 mm / 2"-5"
  for difficult access or frayed conduit end
- 1 head piece 140 with pull line supply
- 1 head piece 200 with pull line supply
- 1 blowing connection
- 1 suction connection
- 1 fuel can 0.5 l (fuel not included)
- 2 pull line rolls ø 1mm,
  (one roll approx. 900 m, tensile strength approx. 24 kg)
- 1 box with assembly material for shuttles
- 1 air hose 1.8 m - for extension to locate motor outside manhole or vault
- instruction manual



Accessories for blowing in without cutting (to be ordered separately):

Front attachments with integrated side channel for removing and reusing the cord

- ø 140mm for ducts ID Ø 50 to 120 mm (Art.102950) *
- ø 200mm for ducts ID Ø 120 to 180 mm (Art.103183) *
- ø 320mm for ducts ID Ø 180 to 300 mm (Art.103184) *



** Front piece with side channel includes one complete front attachment and one brass rope guide - dimension freely selectable for ropes ø 1, 2, 3, 4, 5, 6, 7, or 8 mm*

Rope guide of bras

- *for rope ø 1*,0mm (Art. N° 103185)
- *for rope ø* 2,0mm (Art. N° 103186)
- *for rope ø* 3,0mm (Art. N° 103187)
- *for rope ø* 4,0mm (Art. N° 103188)
- *for rope ø* 5,0mm (Art. N° 103189)
- *for rope ø* 6,0mm (Art. N° 103190)
- *for rope ø* 7,0mm (Art. N° 103191)
- *for rope ø* 8,0mm (Art. N° 103192)



Rope guide closed (Art. N° 101689)
- to push out water and check the ducts for blockages

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Accessories to be used for partially occupied pipes
<u>only if less than 50% occupied</u> (to be ordered separately):



- Tubulure 40 for conduits ø 80-140 mm / 3"- 5 ½" (Art. N° 100127)
- Foam body 40 (80-100) for ducts ø 80-100 mm / 3" - 4" (Art. N° 100114)
- Foam body 40 (100-120) for ducts ø 100-120 mm / 4" - 5" (Art. N° 100115)
- Foam body 40 (120-140) for ducts ø 120-140 mm / 5" - 5 ½" (Art. N° 100116)



- Tubulure 70 for conduits ø 140-200 mm / 5 ½" - 8" (Art. N° 100129)
- Foam body 70 (140-160) for ducts ø 140-160 mm / 5 ½" - 6" (Art. N° 100117)
- Foam body 70 (160-180) for ducts ø 160-180 mm / 6" - 7" (Art. N° 100118)
- Foam body 70 (180-200) for ducts ø 180-200 mm / 7" - 8" (Art. N° 100119)

Blow-in parachutes:



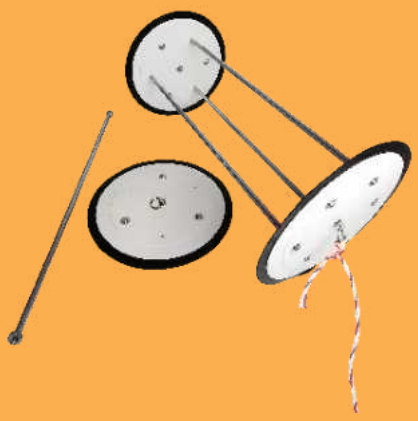
- Parachute for int. conduit Ø 30 to 60 mm / 1" - 2 ½" (Art. N° 100309)
- Parachute for int. conduit Ø 60 to 100 mm / 2 ½" - 4" (Art. N° 100152)
- Parachute for int. conduit Ø 100 to 150 mm / 4" - 6" (Art. N° 100153)
- Parachute for int. conduit Ø 150 to 200 mm / 6" - 8" (Art. N° 100154)

Blow-in Shuttle



- Shuttle for duct inner diameter from 50 up to 200 mm / 2" to 8" (Art. N° 112000 to 112090)

- Shuttle for duct inner diameter from 202 up to 300 mm / 8" to 12" (Art. N° 102660 to 102759)



For details about our shuttle and replacement discs as well as axles, see our store - www.zeitler.swiss

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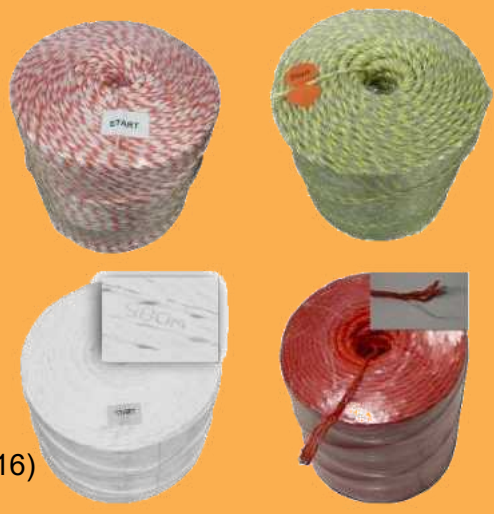
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Suitable Pull Line:

Inside unrolling



- Cable Pull Line ø 1mm, tensile strength 24 kg
  1 box with 10 rolls of ca. 900 m (Art. N° 100132)
- Cable Pull Line ø 4mm, tensile strength 210 kg
  1 box with 3 rolls of ca. 1100 m (Art. N° 100136)
- Cable Pull Line ø 4mm, tensile strength 340 kg
  1 box with 3 rolls of ca. 750 m (Art. N° 100140)
- Cable Pull Line with meter marks ø 4mm, tensile strength 210 kg
  1 box with 3 rolls of ca. 1100 m (Art. N° 100522)
- Cable Pull Line with copper wire ø 1mm for locating purposes
  tensile strength ca. 24 kg, 1 box with 10 rolls of ca. 800m (Art. 100716)
- Cable Pull Line with copper wire ø 4mm for locating purposes
  tensile strength 210 kg, 1 box with 3 rolls of ca. 1100m (Art. 100717)

Outside unrolling



- Cable Pull Line on edge coil ø 5 mm
  Box with 2 rolls of 500 m tensile strength 450 kg (Art. 102509)
- Cable Pull Line on edge coil ø 4 mm
  Box with 4 rolls of 500 m tensile strength 340 kg (Art. 102510)
- Cable Pull Line on edge coil ø 4 mm
  Box with 2 rolls of 1000 m tensile strength 340 kg (Art. 102511)
- Cable Pull Line with meter marks on edge coil ø 4 mm
  Box with 2 rolls of 1000 m tensile strength 350 kg (Art. 102512)
- Cable Pull Line with meter marks on edge coil ø 4 mm
  Box with 4 rolls of 500 m tensile strength 350 kg (Art. 102513)

see more
EZ300 accessories

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