



## SUCTION ARMS

These machines are **specific suction systems** to capture pollutants (dust, fumes and gas) at the origin, through their joints and swivel mechanisms.

They can be fitted with their own suction unit as a single element to satisfy the needs of a single workstation, or instead be a part of centralised suction system designed to cover various workstations with a single suction unit located downstream from the system.

Available in various diameters, for workshops and laboratories.

### Versions:

- INOX AISI 304
- ATEX
- ANTICORROSIONE





## TECHNICAL DATA SUCTION ARMS WITHOUT FANS

**ELP arms** have three joints with transparent anti-abrasion flex hose and spring suspensions with parallelograms that guarantee self-balancing. Springs have a steel cable safety device. The unit has an exhaust hood with a manoeuvring handle and closing flap for adjustments. The unit is easy to manoeuvre for easy positioning of the extraction hood at the point of origin of the pollutant to capture.



ARTICLE	EXTENSION mm	DIAMETER mm	PRICE
ELP/C/10/25	2600	100	1.023,00
ELP/C/10/30	3000	100	1.030,00
ELP/C/12	2600	150	770,00
ELP/C/13	3200	150	779,00
ELP/C/14	4200	150	793,00
ELP/C/15	5200	150	898,00
ELP/C/23	3200	200	897,00
ELP/C/24	4200	200	934,00
ELP/C/25	5200	200	1.033,00

Characteristics and dimensions are examples.  
Bruno Balducci Srl reserves the right to make changes without notification.



ARTICLE	EXTENSION mm	DIAMETER mm	PRICE
ELB/C/15	1000+4200	150	1.497,00
ELB/C/16	2000+4200	150	1.585,00
ELB/C/17	3000+4200	150	1.677,00
ELB/C/18	4000+4200	150	1.712,00
ELB/C/19	4000+5200	150	1.816,00
ELB/C/25	1000+4200	200	2.062,00
ELB/C/26	2000+4200	200	2.065,00
ELB/C/27	3000+4200	200	2.371,00
ELB/C/28	4000+4200	200	2.379,00

Characteristics and dimensions are examples.  
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## TECHNICAL DATA SUCTION ARMS WITH FANS

**ELP SERIES:** hanging arm with suction unit, with aluminium pipes, 360° rotation, fitted with exclusion flap and wall-mounted support shelf.



ARTICLE	EXTENSION mm	DIAMETER mm	MOTOR kW	CAPACITY M <sup>3</sup> /H	PRESSURE mmH <sub>2</sub> O	PRICE
ELP 100	2600	100	0,55	700	70	1.535,00
ELP 25/75	2500	150	0,55	700	70	1.281,00
ELP 25/15	2500	150	0,75	1300	116	1.344,70
ELP 25/25	2500	150	1,5	1550	145	1.387,00
ELP 3/75	3200	150	0,55	700	70	1.290,00
ELP 3/15	3200	150	0,75	1300	116	1.354,00
ELP 3/25	3200	150	1,5	1300	145	1.396,00
ELP 4/75	4200	150	0,55	700	70	1.304,00
ELP 4/15	4200	150	0,75	1300	116	1.367,00
ELP 4/25	4200	150	1,5	1550	145	1.410,00
ELP 4/30	4200	150	2,2	1600	150	1.431,00
ELP 5/15	5200	150	0,75	1300	116	1.472,00
ELP 5/25	5200	150	1,5	1550	150	1.514,00
ELP 5/30	5200	150	2,2	1600	150	1.536,00

Characteristics and dimensions are examples.  
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**ELP/S SERIES:** hanging arm complete with low noise suction unit, with 1400 RPM.

ARTICLE	EXTENSION mm	DIAMETER mm	MOTOR kW	CAPACITY M <sup>3</sup> /H	PRESSURE mmH <sub>2</sub> O	PRICE
ELP/S 3	3200	200	1,5	2000	72	1.568,00
ELP/S 4	4200	200	1,5	2000	72	1.605,00
ELP/S 5	5200	200	1,5	2000	72	1.704,00

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## TECHNICAL DATA SUCTION ARMS WITH FANS

**ELB SERIES:** cantilevered ELB extension, complete with suction unit, with arm with aluminium pipes, 180° + 360° rotation, fitted with exclusion flap and wallmounted support shelf.



ARTICLE	EXTENSION mm	DIAMETER mm	MOTOR kW	CAPACITY M <sup>3</sup> /H	PRESSURE mmH <sub>2</sub> O	PRICE
ELB 1/5	2000+3200	150	1,5	1450	150	2.114,00
ELB 1/6	2000+4200	150	1,5	1450	150	2.202,00
ELB 1/7	3000+4200	150	1,5	1450	150	2.294,00
ELB 1/8	4000+4200	150	1,5	1450	150	2.328,00
ELB 1/9	4000+5200	150	1,5	1450	150	2.433,00

Characteristics and dimensions are examples.  
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ARTICLE	EXTENSION mm	DIAMETER mm	MOTOR kW	CAPACITY M <sup>3</sup> /H	PRESSURE mmH <sub>2</sub> O	PRICE
ELB 2/5	2000+3200	200	2,2	2000	150	2.700,00
ELB 2/6	2000+4200	200	2,2	2000	150	2.703,00
ELB 2/7	3000+4200	200	2,2	2000	150	3.009,00
ELB 2/8	4000+4200	200	2,2	2000	150	3.017,00

Characteristics and dimensions are examples.  
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### SPECIAL CONSTRUCTIONS



ARTICLE	PRICE
Version with antistatic and anti-acid Flex. diameter 100 mm	Price increase +38%
Version with antistatic and anti-acid Flex. diameter 150 mm	Price increase +44%
Version with antistatic and anti-acid Flex. diameter 200 mm	Price increase +62%
Suction arms with painted aluminium tubes	Price increase + 3%
Version with straight tubes and PVC aspiration hood with anti-acid flex	Price increase +25%
Suction arms with straight inox tubes and PVC aspiration hood and anti-acid flex	Price multiplier x2
Normal suction arm with straight tubes and inox aspiration hood and anti-acid flex	Price multiplier x2
Suction arms with straight inox tubes and inox aspiration hood and anti-acid flex	Price multiplier x2
Atex Suction arms Ex II 2GD – Ex II 3GD	Price increase +45%

Characteristics and dimensions are examples.  
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## TECHNICAL DATA SUCTION ARMS WITHOUT FANS

Arm for suction of fumes, vapours and dust in limited spaces, small workshops and schools.

- Maximum fumes temperature: + 70°C
- Suggested capacity: 700 – 1,000 m<sup>3</sup>/h
- Fitted with a strong slew ring that allows 360° rotation
- Flexible in all directions, easily positioned
- Can be connected direction to an electro-fan or a suction conduit.
- Fitted with a small flap inside the hood: saves energy when not in use if the arm is inserted in the centralised plant.



535002



535003



535004



535005



535006



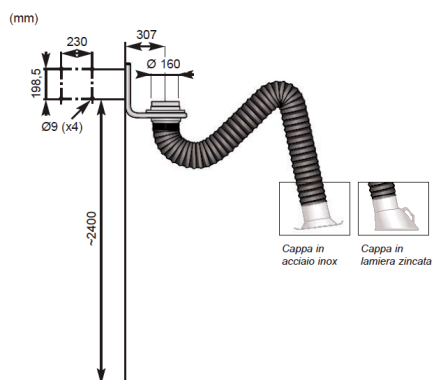
535000

ARTICLE	EXTENSION mm	DIAMETER mm	PRICE
535002	2000	160	375,00
535003	3000	160	418,00
535004	4000H* horizontal joints	160	535,00
535005	4000V* vertical joints	160	535,00
535006	5000	160	598,00
535000	staffa	-	55,00

(\*) 4 m/V: Vertical joints. Long range of action. Ideal for suction in high and low points.  
 4 m/H: joints. Long range of action. Suitable for spaces with limited height: low ceilings, bridge conveyors, etc.

Characteristics and dimensions are examples.  
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### DIMENSIONI





## TECHNICAL DATA ATEX SUCTION ARMS WITHOUT FANS



### EX Arm for explosion risk zones

The EX suction arm is indicated for rooms where there is a potential danger of explosion of gas and dust in zones 1-21 and 2-22. Five different models of this item are available, depending on the length of its arm: 2 m, 3 m, 4 m/H (horizontal joints), 4 m/V (vertical joints) and 5 m.

The arm has a strong cast aluminium slew ring that allows it to rotate 360° and can be mounted on the ceiling, wall or floor with specific brackets. Each model can be supplied with a hood in aluminium or stainless steel.

**ATEX Marking: EX II 2 GD II X**



8A554235  
9A554235



8A554335  
9A554335



8A554535  
9A554535



8A554435  
9A554435



8A554935  
9A554935



550635

ARTICLE	EXTENSION mm	DIAMETER mm	PRICE
8A554235 9A554235	2000	160	2.445,00 3.006,00
8A554335 9A554335	3000	160	2.537,00 3.143,00
8A554535 9A554535	4000H* horizontal joints	160	2.677,00 3.278,00
8A554435 9A554435	4000V* vertical joints	160	2.677,00 3.184,00
8A554935 9A554935	5000	160	3.346,00 4.141,00
550635	staffa	-	115,00

(\* ) 4 m/V: Vertical joints. Long range of action. Ideal for suction in high and low points.

4 m/H: joints. Long range of action. Suitable for spaces with limited height: low ceilings, bridge conveyors, etc.

8A: with stainless steel hood and flap

9A: with galvanised sheet hood and flap

Characteristics and dimensions are examples.

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## TECHNICAL DATA BRACCI ASPIRANTI ANTICORROSIONE - Colore bianco



532535



532235



532335  
532435



550635

ARTICLE	EXTENSION mm	DIAMETER mm	PRICE
532535	2000	-	1.522,00
532235	3000	160	1.726,00
532335 532435	4000mV * 4000mH * snodi orizzontali	-	1.958,00 1.882,00
550635	staffa	-	115,00

(\*) 4 m/V: Snodi verticali. Lungo raggio d'azione. Ideale per aspirare sia in punti alti che bassi.  
4 m/H: Snodi orizzontali. Lungo raggio d'azione. Adatto per spazi limitati in altezza: soffitto basso, carroponete, ecc.

8A: con cappa inox e serranda  
9B: con cappa in lamiera zincata e serranda

Characteristics and dimensions are examples.  
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### WHEELED SUCTION ARMS

Wheeled suction arms assembled on main body with 2 fixed wheels and 2 movable braked wheels.  
Connections for flexible suction arms diameter 150 or 200 mm for connection with central systems



ARTICLE	EXTENSION mm	DIAMETER mm	PRICE
CA 153	3000	150	2.180,00
CA 154	4000	150	2.195,00
CA 203	3000	200	2.300,00
CA 204	4000	200	2.335,00

Characteristics and dimensions are examples.  
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## TECHNICAL DATA SERIES N FANS FOR ARMS

**Electric centrifugal fans from Series N** for arms illustrated on the previous pages are high quality equipment, with antistatic, non sparking aluminium alloy fans. White stove enamelled moulded case without sharp edges, variable section, circular outlet.

**Series N electric fans** are designed for large volumes of air, low noise and high reliability. They are specifically designed for use with suction arms, filters and retractors for exhaust gases.



ARTICLE	DESCRIPTION	PRICE
510521 mod. N16	Electric fan with motor 0.55 kW, Volt 240/400 3- phase, 50 Hz, protection rating IP 55. With antistatic/non sparking fan in aluminium alloy. Moulded case without sharp edges, variable section, circular outlet; high capacity with minimum power installed. Stove enamelled white finish. Inlet $\varnothing$ 160 mm. Capacity 1,600 m <sup>3</sup> /h with free inlet	986,00
510422 mod. N24	Electric fan with motor 0.9 kW, Volt 240/400 3- phase, 50 Hz, protection rating IP 55. With antistatic/non sparking fan in aluminium alloy. Moulded case without sharp edges, variable section, circular outlet; high capacity with minimum power installed. Stove enamelled white finish. Inlet $\varnothing$ 160 mm. Capacity 2,400 m <sup>3</sup> /h with free inlet.	1.520,00
510126	Universal ZN support for localised suction or fixed assembly. With inlet and protection mesh.	210,00

Excluding plug and cable to attach to the electrical mains.

Characteristics and dimensions are examples.

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