



**Maximum power,
flexibility and safety.**

Air grinders and sanders

Models: straight, angle and vertical

Fiam
PEOPLE AND SOLUTIONS

Fiam grinders and sanders: versatile, powerful, safe

Every manufacturing company needs to carry out more or less accurate surface finishing operations on its products. Compressed-air-powered grinders and sanders are used for this purpose. Ideal solutions for **grinding, deburring and rubbing, polishing, brushing, sanding** etc.

Fiam offers a range of air tools to meet the widest needs:

- **straight grinders:** with power from 50 to 1.500 Watts and speed from 5.300 to 70.000 rpm
- **vertical grinders:** with power from 2.350 to 2.400 Watts and speed from 6.000 to 8.500 rpm
- **angle grinders:** with power from 300 to 2.300 Watts and speed from 6.600 to 13.500 rpm
- **vertical, straight and angle sanders:** with power from 300 to 375 Watts and speed from 1.700 to 13.500 rpm

The wide range of standard models shown on this catalogue only represents part of the solutions Fiam is able to offer. The skills of our expert technical staff combined with highly flexible manufacturing systems enable us to meet every request with **special customised solutions**.



Choosing the right Fiam grinder and sander












The technological parameters with the greatest influence on grinding and sanding operations are the **speed at which the tool** (shank, cup and depressed centre grinding wheels, rotary files, abrasive discs, brushes, etc.) rotates and the **power of the grinder or sander**, which are in their turn related to the **type of material** being worked and the

standard of finish required. The following table indicates the operations to be carried out and the tools used, to determine which is the best grinder or sander for your needs.

When making the choice, it is necessary to consider that the maximum speed of the grinder/sander **must not exceed** the speed shown on the abrasive tool.

Grinding and sanding operations demand special care, making it essential for the operator to read the **user manual** supplied with the tool thoroughly before installing, using, maintaining or repairing it.

In order to guarantee the best possible safety standards, besides from choosing a grinder or sander which complies with all the safety standards in force, as the case is with Fiam tools, it is also necessary to make sure that all the relevant **personal protective material** is used, such as protective glasses, dust masks, ear protectors, safety shoes and padded gloves etc.

OPERATION	TOOL	RECOMMENDED GRINDER AND SANDER				
		POWER WATT	FREE-TURNING SPEED rpm	STRAIGHT GRINDERS	ANG. GRINDERS/SANDERS	VERT. GRINDERS/SANDERS
GRINDING, SANDING	RUSHED SHANK GRINDING WHEELS					
Small sanding, deburring, finishing etc..		50÷400	13.500÷70.000	●●●	●●	
	DIAMOND WHEELS					
Sanding, finishing, polishing etc.		50÷400	13.500÷70.000	●●●	●●	
	DISC GRINDING WHEELS					
Roughing, internal and external deburring etc.		500÷1.500	6.000÷12.000	●●●		
	DEPRESSED CENTRE DISCS					
Removing rust, lapping welding beads, chamfering etc.		300÷2.400	6.000÷13.500		●●●	●●●
MILLING	ROTARY FILES					
Milling, chamfering, grooving, deburring etc.		50÷400	13.500÷70.000	●●●	●●	
	DEPRESSED CENTRE DISCS					
Cutting off ingates, risers, castings, tubes, iron reinforced concrete, stones and cement etc.		300÷2.400	6.000÷13.500		●●●	●●
SANDING AND POLISHING	FLEX. AND FLAP ABRASIVE DISCS					
Sanding bodywork, removing light rust, paint etc.		300÷375	1.700÷13.500		●●●	
	RID-TEXTURED ABRASIVE DISCS					
Wet sanding of large areas of bodywork...		300÷375	max 4.500		●●●	
	WIRE, AND RADIAL ABRASIVE PAPER FLAP BRUSHES					
Removing rust and paint, descaling small areas, removing manufacturing scrap, deburring etc.		400÷2.300	6.000÷15.000	●●●	●●	●●●
	SISAL BRUSHES					
Sanding plastics, shaping and sanding wood etc.		300	3.000	●●●		
	SHEEPSKIN PADS					
High-sheen polishing of surfaces etc.		375	1.700÷4.200		●●●	

●●● Strongly recommended

●● Recommended

Be demanding

Reliability

Long lifetime of the components thanks to careful design and quality of the production process which results in less maintenance and repair costs

The internal gears guarantee **constant performances** and **long lifetime of the tool**

The air motors employed ensure **long lifetime, high power and maximum output**

The grinder 11SM10D is very powerful and **extremely sturdy** thanks to the inner kinematic gears (double bearing on the output which supports the wheel shaft) that guarantee reliability over time

Tools are varnished with high quality materials that guarantee **thermal insulation and greater resistance to wear**

The maximum speed of the grinder or sander is related to the **recommended speed of the abrasive tool being used**. It is compulsory for the manufacturer of the tool to specify this speed, which must under all circumstances be respected to safeguard the safety of the operator and ensure the best possible results

Don't be satisfied
with the maximum

Productivity

Great use effectiveness
thanks to innovative design systems

Fiam air grinders and sanders are **extremely powerful** guaranteeing great use effectiveness

They guarantee a **great versatility of use:**

- **straight air grinders:** with shank and disc grinding wheels, rotary files, diamond wheels, wire and radial brushes for grinding, deburring, rubbing down, grooving, removing, sanding etc.
- **angle air grinder:** for deburring, finishing, cutting, grinding operations etc.
- **vertical air grinder** for cutting, grinding, cleaning and roughing operations etc.
- **angle, vertical, straight air sanders:** for honing and clearing operations using flexible abrasive discs, adhesive abrasive paper, wire brushes etc. These tools are used for sanding bodywork, mechanical constructions, fibreglass, marble and wood, as well as for cleaning rust off painted surfaces. The sanders for wet work are used on large bodywork surfaces

Straight grinders (only SM80D-1, SM100D-2, SM180D models), so as angle grinders (100SM125A, 230SM180A, 230SM230A models) and vertical grinders are equipped with a **speed governor** to obtain a constant work speed even during heavy work. In fact, this device prevents the grinder from exceeding the maximum possible speed

All air angle and vertical grinders (except for SMLES... and SMS..., SMY... models) have a practical "**disc locking**" device which guarantees extreme safety and eases disc replacement.

Customized solutions can be supplied upon request to meet specific customer's need

230SM230A



100SM125A



SMS30DCZ



Perfection
is in your hands

Ergonomics

Optimization of the tool performances in regard to ergonomics and operator safety

The grip design and use of special light alloys make these tools **lighter and more handy**

The models with discs diam. of 180 and 230 mm are equipped with **disc holding device with balancing system**

They have **compact dimensions**: they are recommended for working in areas of limited space or difficult access

They have an **auxiliary grip** which permits a reduction of the reaction on the operator's hand making heavy works easier: the angle models have a side auxiliary grip; instead vertical models feature twin grips

They guarantee maximum handiness, thanks to the **good power/weight ratio**, reducing operator's fatigue

They are equipped with a particular **safety lever** as standard, to avoid the possibility of accidental start (except for SMT10D/CC and 11SM10D models). Therefore, they feature a safe starting system in compliance with the standards currently in force

SMT10D/CC and 11SM10D models feature a **starting nut** which enables the speed of the tool to be gradually increased until reaching its maximum

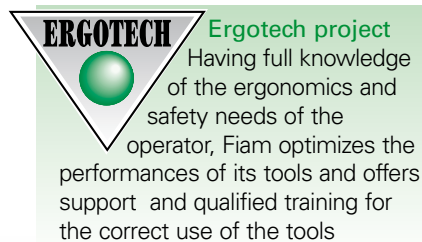
Effective extraction devices are available both for straight and angle grinders and sanders for removing the dust generated during work. These systems significantly reduce smoke and dust levels, considerably improving work conditions.

Model 100SM125A is supplied with an **exhaust air conveyor** for greater operator's comfort

These tools are equipped with **silencing system** to reduce the noise level caused by the exhaust air, guaranteeing operator's safety

When it comes **to reducing vibration levels**, Fiam' has developed and adopted effective solutions which range from the grip material to the gears, transmission components and system for fitting the abrasive tools

Where necessary, grinders and sanders are supplied as standard with wheel **guards complying** with EN 68 standard



Naturally
innovative

Ecology

Innovative systems designed paying even more attention with respect to environment and of its safeguard

The advanced design technology of the air motors ensures **a reduction of compressed air** without compromising tool performances

The design of the inner kinematic motions optimizes the output of the available power, which is being transmitted with **minimum dispersions**

The grinders supplied with **speed governor** ensure reduced air consumptions; thanks to this, they maintain a constant work speed even during heavy work

All the components are easy to dispose of because they are built using **recyclable materials**; therefore they don't represent a pollution risk or a danger for personal safety

All Fiam products are supplied with **eco-friendly packaging**



SMY115A

SMLES135



Straight air grinders

Straight air grinders

POWER:

from 50 to 1500 Watt

SPEED:

from 5300 to 70000 r.p.m.

APPLICATION FIELD:

used with shank and disc grinding wheels, rotary files, diamond wheels, wire and radial brushes for grinding, deburring, rubbing down, grooving, removing, sanding etc.



SMT10D/CC

11SM10D



SMZ15D



SMY50D2



SM100D-2



SMS30DCZ



SMY50DC2

Type of grinder		Power	Idle speed	Max capacity collet chuck	Equipped with collet	Max dimensions (referred to the accessory)	Starting system	Air exhaust	Weight	Dimensions (mm)	Air consumption
Model	Code	Watt	rpm	mm	Ø mm	Ø / mm	Type	Type	Kg	Ø x L	l/s
SMT10D/CC	140113005	50	70.000	3	3	10		Front	0,31	50x182	2,5
11SM10D	149561006	110	55.000	3	3	10		Rear	0,125	19,5x120	2,5
SMZ15D	142313001	130	22.000	3	3	15		Rear	0,37	32x155	6
SMS30DC	144613001	300	24.000	7	6	30		Front	0,62	40x190	9
SMS30DCZ	144613002	300	22.000	7	6	30		Rear	0,62	40x190	9
SMS30DZ	144613003	300	22.000	7	6	30		Rear	0,83	40x245	9
SMY50DC2	146313006	400	15.000	10	6	50		Rear	1,06	48x235	10
SMY50D2	146313007	400	15.000	10	6	50		Rear	1,30	48x330	10
SM80D-1	149530018	500	12.000	–	–	80x13x10*		Side	1,60	48x335	6÷11
SM100D-2	149530038	700	9.000	–	–	100x20x16*		Side	2,48	53x430	6÷13
SM180D	149530037	1500	5.300	–	–	180x25x16*		Side	5,15	72x560	9÷25

OUT OF PRODUCTION!

Legend

Starting system with lever with safety device

Starting with sliding valve

Starting with rotary valve

- The figures shown are measured at a pressure of 6,3 bar (ISO 2787, the recommended operating pressure).
- The code number must be used when ordering.

* Max disc dimensions recommended for grinding operations with radial disc (Ø disc x thickness x Ø drive).

Models on catalogue are supplied without accessories (except SMT10D/CC - see standard equipment). Photos are purely indicative.

Standard equipment (supplied with the tool)

- Mod. SMT10D/CC: supplied with plastic case; 3 mt. rubber supply hose flexible and with a steel core with couplings; 5 abrasive disks of various sizes and dressing stone; 2 spanners to lock the collet.
- Mod. 11SM10D: supplied with 2 mt. rubber supply hose and exhaust air conveyor.
- Models. SM80D-1, SM100D-2 and SM180D: are supplied with speed governor flanges to lock the wheel, wheel guard (standard EN 68).
- All the models reported in the table (except SM80D-1, SM100D-2 and SM180D) are supplied with spanners to lock the collet.
- Eco-friendly packaging.
- Use and maintenance manual.

Accessories available upon request

- Collets for SMT10D/CC, 11SM10D, SMZ15D, SMS30 and SMY50...: see page 12.
- To drive away and convey the exhaust air, are available special exhaust air hose conveyors and offset air conveyors: see page 15.
- Other accessories for compressed air system: see page 12.

Other technical features

Models	Air inlet	Recommended hose bore	Supply hoses recommended*	
SMT10D/CC, SMZ15D	1/8" gas	Ø 5 mm	Rubber	Spiral
11SM10D	1/4" gas	Ø 5 mm	693511020	-
			693511021	693011015
SMS30DC, SMS30DCZ SMS30DZ, SMY50DC2, SMY50D2	1/4" gas	Ø 8 mm	693511022	693011020
SM80D-1	3/8" gas	Ø 13 mm	693511023	-
SM100D-2	1/2" gas	Ø 13 mm	693511024	-
SM180D	1/2" gas	Ø 16 mm	693511024	-

* For features of hoses see p. 13

Angle and vertical air grinders

Angle air grinders

POWER:

from 300 to 2300 Watt

SPEED:

from 6600 to 13500 rpm

APPLICATION FIELD:

used in a wide range of different applications, including deburring, finishing, cutting, grinding etc.

Vertical air grinders

POWER:

from 2350 to 2400 Watt

SPEED:

from 6000 to 8500 rpm

APPLICATION FIELD:

used for cutting, grinding, cleaning and roughing operations etc.



SMY115A



100SM125A



SMLES135











SMS100A



240SM230V



230SM180A

Type of grinder			Power	Idle speed	Disc/accessory dimensions	Starting system	Weight	Dimensions (mm)	Air consumption
Model	Code		Watt	rpm	Ø / mm	Type	Kg	Ø x L x H	l/s
SMLES135	144693001	3	300	13.500	30		0,86	40x185x71	9
SMS100A	144691001	2	300	13.500	100x5x16 *		1,00	40x190x77	9
SMY115A	146395012	2	400	9.000	115x6,5x22 *		1,65	47x225x80	10
100SM125A	149561001	1 2	1000	12.200	125x3-4-6x22		2,3	L 254xH 106	11,6÷20
230SM180A	149561002	1 2	2300	8.400	180x10x22		4,4	L 349xH 119	28÷41
230SM230A	149561003	1 2	2300	6.600	230x10x22		4,6	L 349xH 119	20÷41
240SM180V	149561004	1 2	2400	8.500	180x6-8-10x22		5,5	L 335xH 220	18÷37
240SM230V	149561005	1 2	2350	6.000	230x6-8-10x22		5,6	L 335xH 220	11÷33

Legend



Vertical grinder: starting system with lever with safety device



Angle grinder: starting system with lever with safety device

- The figures shown are measured at a pressure of 6,3 bar (ISO 2787, the recommended operating pressure).
- The code number must be used when ordering.

* Max disc dimensions recommended for grinding operations with depressed centre disc (Ø disc x thickness x Ø drive).

Models on catalogue are supplied without accessories. Photos are purely indicative.

Standard equipment (supplied with the tool)	Accessories available upon request	Models available upon request
<ul style="list-style-type: none"> 1 Models with speed governor. 2 Models which can be used with depressed centre grinding disc (code FEPA, code 27). 3 SMLES135 model: supplied with Ø 6 mm collet for rotary files and radial abrasive paper flap brushes; spanners to lock the collet. This model can use collets of different diameters (see page 12). • SMS100A model: supplied with flange to lock disc and wheel guard (standard EN68); spanners to lock the disc. • SMY115A, 100SM125A, 230SM180A, 230SM230A models: supplied with flange to lock disc and wheel guard (standard EN68); spanners to lock the disc, side auxiliary handle EN792-7). • 230SM180A, 230SM230A, 240SM180V, 240SM230V models have a disc holding device with balancing system and a "disc locking" device. • 100SM125A model is supplied with an exhaust air conveyor • Eco-friendly packaging • Use and maintenance manual. 	<ul style="list-style-type: none"> • Collets for SMLES135: see page 12. • To drive away and convey the exhaust air, are available special exhaust air hose conveyors and offset air conveyors: see page 15. • Other accessories for compressed air system: see page 12. 	<ul style="list-style-type: none"> • For models designed according to the customer's needs, please contact Fiam Technical Assistance Service.

Other technical features

Models	Air inlet	Recommended hose bore	Rubber	Spiral
SMS100A, SMLES135, SMY115A	1/4" gas	Ø 8 mm	693511022	693011020
100SM125A	3/8" gas	Ø 13 mm	693511023	-
230SM230A, 230SM180A, 240SM180V, 240SM230V	1/2" gas	Ø 16 mm	693511024	-

* For features of hoses see page 13

Vertical straight and angle sanders

Air sanders

POWER:

from 300 to 375 Watt

SPEED:

from 1700 to 13500 rpm

APPLICATION FIELD:

available for honing and clearing operations using flexible abrasive discs, adhesive abrasive paper, wire brushes etc.



SMLES135



LES34












LEN22




LES30SP

LEN17U



Type of sander			Power	Idle speed	Disc/accessory dimensions	Starting system	Weight	Dimensions (mm)	Air consumption
Model	Code		Watt	rpm	Ø / mm	Type	Kg	Ø x L x H	l/s
SMLES135	144693001	1	300	13500	60		0,86	39x185x71	9
LES45	144695400	2	300	4500	75		1,00	40x245x44	9
LES34	144695300	2	300	3400	75		1,00	40x245x44	9
LEN42	146095400	3	375	4200	180		2,10	51x280x112	10
LEN22	146095200	3	375	2200	180		2,10	51x280x112	10
LEN17	146095100	3	375	1700	180		2,10	51x280x112	10
LEN42-M14	146095402	4	375	4200	180		2,10	51x280x112	10
LEN17U	146095103	5	375	1700	200		2,60	51x280x112	10
LES30SP	144631101	6	300	3000	80		0,70	Ø 40 x L 175	9

Legend

 **Angle sander: lever start with safety device**

 **Straight sander: lever start with safety device**

- The figures shown are measured at a pressure of 6,3 bar (ISO 2787, the recommended operating pressure).
- The code number must be used when ordering.

Models on catalogue are supplied without accessories. Photos are purely indicative.

Standard equipment (supplied with the tool)

- 1 SMLES135 model: supplied with Ø 6 mm collet chuck and spanner to lock the collet.
- 2 LES... models: supplied with M14 threaded output shaft and spanner for fixing accessory.
- 3 LEN... models: supplied with 5/8" W threaded output shaft, nut for disc locking, spanner to lock the nut, 6 mm hex. spanner, side auxiliary handle.
- 4 LEN42-M14 model: supplied with M14 threaded output shaft, nut for disc locking, spanner to lock the nut, 6 mm hex. spanner, side auxiliary handle.
- 5 LEN17U model: supplied with 5/8" W threaded output shaft, tap for water feed, splash guard, 6 mm hex. spanner, side auxiliary handle.
- 6 LES30SP model: supplied with female M8x1,25 threaded output shaft and hanging ring.
- Eco-friendly packaging
- Use and maintenance manual.

Accessories available upon request

- Wheel guard and sisal brush for LES30SP: see page 13.
- To drive away and convey the exhaust air, are available special exhaust air hose conveyors and offset air conveyors: see page 15.
- Other accessories for compressed air system: see page 12.

Models available upon request

- For models designed according to the customer's needs, please contact Fiam Technical Assistance Service.

Other technical features

Models	Air inlet	Recommended hose bore	Supply hoses recommended*	
Rubber	Spiral			
SMLES135, LES..., LEN..., LEN...-M14, LEN17U, LES30SP	1/4" gas	Ø 8 mm	693511022	693011020

* For features of hoses see page 13

Collets

Collets for SMT10D/CC and 11SM10D



Ø collet hole mm	Code
2,5-3/32"	660312231
3	660312301

Collets for SMZ15D



Ø collet hole mm	Code
1	660421010
1,5	660421015
2	660421020
2,5-3/32"	660421025
3	660421030
3,5-1/8"	660421035
4	660421040
4,5	660421045
5-3/16"	660421050

Collet tightening capacities: 0,5 mm

Collets for SMS30... and SMLES135



Ø collet hole mm	Code
1	660431010
1,5	660431015
2	660431020
2,5-3/32"	660431025
3	660431030
3,5-1/8"	660431035
4	660431040
4,5	660431045
5-3/16"	660431050
5,5	660431055
6	660431060
6,5-1/4"	660431065
7	660431070

Collet tightening capacities: 0,5 mm

Collets for SMY50...



Ø collet hole mm	Code
1	660441010
1,5	660441015
2	660441020
2,5-3/32"	660441025
3	660441030
4-1/8"	660441040
5-3/16"	660441050
6	660441060
7-1/4"	660441070
8-5/16"	660441080
9	660441090
10	660441100

Collet tightening capacities:

- from 1 to 3 mm = 0,5 mm
- over 3 mm = 1 mm

FRL Group - Filter, pressure regulator, lubricator

The FRL group is recommended for filtering, regulating and lubricating the compressed air supply for air tools. This system eliminates solids and humidity while supplying a precise air flow and suitable lubrication. Where necessary, it is indicated for obtaining the required torque values by adjusting the pressure of the air supply.



Threaded attack	Flow rate l/s	Complete assembly Code	Reduction compl. of gauge Code	Lubricator Code
1/4" gas	1,7 ÷ 16	697331020	697331025	697281020
3/8" gas	4,2 ÷ 20	697351020	697351025	697291020
1/2" gas	8 ÷ 43	697371020	697371025	697301020

Other accessories

Rubber back-up pads



Coupling	Ø mm	Code	For models
Ø 6 mm	60	663061060	SMLES135

Rubber pad



Female thread	Ø mm	Code	For models
M 14	80	663141075	LES...

Rubber pads



Female thread	Ø mm	Code	For models
5/8 W	200	663581200	LEN...U

Rubber pad



Female thread	Ø mm	Code	For models
5/8 W	120	663581120	LEN...

Wheel guard



For model	Code
LES30SP	667141080

Sisal brush



Thread	Ø mm	Code	For models
M 8	80	666001800	LES30SP

Fiber pad



Drive	Ø mm	Code	For models
Ø 16,5 mm	170	662031170	LEN...

Spiral supply hoses with couplings

Polyurethane spiral supply hoses with a maximum extended length of 8 m. Extremely flexible and resistant, they take up less space thanks to their reduced external diameters.

To choose the most suitable supply hose, see pages 7, 9 and 11.



Polyurethane hose (green) Ø internal x Ø external mm	Length mm	Swivelling male coupling	Fixed female coupling	Code
6,5x10	1180 ÷ 8000	1/4" gas	1/4" gas	693011015
8x12	1140 ÷ 8000	1/4" gas	1/4" gas	693011020

Rubber supply hoses with couplings

Rubber supply hoses with coupling made with inner duct in synthetic rubber and high resistance reinforced textile chase.

They can be used with compressed air, water, cutting oil and antifreeze liquids.

They are extremely flexible and versatile and above all safe and resistant in time.

To choose the most suitable supply hose, see pages 7, 9 and 11.

Hoses with different lengths are available upon request.

Please contact FiamTechnical Assistance Service



Hose mm Ø internal x Ø external mm	Length mm	Male coupling	Female coupling	Code
4,8x9,4	3000	1/8" gas M	1/4" gas F	693511020
6,3x12,7	3000	1/4" gas M	1/4" gas F	693511021
9,5x15,9	3000	1/4" gas M	1/4" gas F	693511022
9,5x15,9	3000	3/8" gas M	3/8" gas F	693511023
12,7x19,8	3000	1/2" gas M	1/2" gas M	693511024

Quick coupling and nipples

To choose the most **suitable quick coupling**, refer to pages 7, 9 and 11.



Male



Female

Recommended hose bore	Air inlet threading	Male quick coupling Code	Female quick coupling Code
Ø 5 mm	1/8" gas	695411018	695431018
Ø 6 mm	1/4" gas	695411014	695431014
Ø 8 ÷ 10 mm	1/4" gas	695411114	695431114
Ø 13 mm	3/8" gas	695411138	695431138
Ø 16 mm	1/2" gas	695411212	695431212

To choose the most **suitable quick nipples** refer to pages 7, 9 and 11.



Male



Female

Recommended hose bore	Air inlet threading	Male quick coupling Code	Female quick coupling Code
Ø 5 mm	1/8" gas	695311018	695331018
Ø 6 mm	1/4" gas	695311014	695331014
Ø 8 ÷ 10 mm	1/4" gas	695311114	695331114
Ø 13 mm	3/8" gas	695311138	695331138
Ø 16 mm	1/2" gas	695311212	695331212

Flexible couplings




These light and compact couplings improve the operators' working conditions; they prevent twisting of supply hoses and reduce vibrations.

Model	Coupling F/M	Code
RS 25 FM	1/4"	695091015
RS 30 FM	3/8"	695091020



Exhaust air hose conveyors

Used to drive away the tool exhaust air from the operator and therefore making the workplace more ergonomical.

For models	Code	
SMZ15D	693751013	
SMS30..., SMLES135, SMS100A, LES...	693751002	
SMY50..., SMY115A, LEN...	693751003	

Offset air conveyors

OUT OF PRODUCTION

Recommended to convey the exhaust air to special suction systems. (Exhaust air hose conveyors to be ordered separately - cod. 693751001).

For more information please contact Fiam Technical Assistance Service.

For models	Code
SMZ15D	693751007



Balancer

The use of the balancer allows the operator to work in safety and without effort, at the same time guaranteeing the maximum care of the tool.

In conformity with Machine Directives (Law 89/392/CEE).

Capacity Kg min - max	Cable length mm	Code
0,4 ÷ 1	1600	690011160
1 ÷ 2	1600	690021160
2 ÷ 4	2000	690041200
4 ÷ 6	2000	690061200
6 ÷ 8	2000	690081200
8 ÷ 10	2500	690101250



Balancer with built-in supply hose

Particularly indicated to support and to feed at the same time straight air tools. The balancer is provided with a hose that can be connected directly to the main air feed so that the tool is supplied directly.

Capacity Kg min - max	Length mm	Male coupling	Code
1,2 ÷ 2,5	1350	1/4" gas	691021202



Lubricating oil for air tools

Used to lubricate the internal components of the motor group.

Code
699011008



1 liter bottle



PEOPLE AND SOLUTIONS

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Quality Management
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