





## Professional performance

### Advantages

- ▶ Powerful
- ▶ Long battery life
- ▶ Sturdy
- ▶ Lightweight
- ▶ Battery locks onto the machine by means of a sliding rail system.
- ▶ Ni-MH batteries: increased durability and battery life.





*The ultimate composite impact tool***Advantages**

- ▶ Powerful
- ▶ Quiet
- ▶ Lightweight
- ▶ Durable



N ▶ 575



## Safety first



- FACOM power tools comply with the machinery directive 98/37/EC
- FACOM pneumatic tools comply with the safety requirements of European EN 792 for pneumatic tools
- FACOM battery-powered electric tools comply with European standard EN 60745 on hand-held electric tools

*For maximum safety we recommend that you :*

- Always wear eye protection (See page 603) ►
- Always wear gloves and a face-mask (See page 604) ►
- Use only Impact grade sockets and accessories with impact tools (See page 243) ►
- Never remove original guards, safety catches, etc.
- Always switch off air supply before servicing tools



## INFORMATION

**N.m**



The power of impact wrenches needs to be measured under constant and ideal laboratory conditions. The maximum dynamic torques are values measured under these conditions. These make it possible to compare the values of different machines. They are difficult to achieve under normal workshop conditions. It is for this reason that we also measure the capacity of our tools under standard workshop conditions. This gives the guaranteed static torque.



**New**

**CORDLESS RANGE**

## PROFESSIONAL POWER AND PERFORMANCE

POWER

AUTONOMY

STRENGTH



### 1 INTEGRAL LIGHTING

- Perfect visibility in poorly lit working areas.
- Contrasting, directional white light.



### VARIABLE TRIGGER SPEED CONTROL

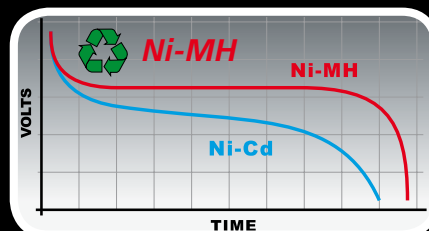
- Controls speed and power to protect the assembly.
- Optimum pre-tightening, precision and total control.

### 3 Ni-MH BATTERIES : CLEAN, EFFICIENT POWER

- No memory effect increased durability and battery life.
- Provides a constant level of power until the battery is completely discharged.
- Increased instantaneous power for quickrelease.
- Lighter than an Ni-Cd battery of equivalent power.
- Respects the environment and complies with the new 2006 European Directive.

### 4 SLIDING LOCK SYSTEM

- Battery locks onto the machine by means of a sliding rail system.
- Ensuring reliability, strength and durability of electrical contacts.
- The "Sliding Lock" system guarantees an optimum current.



### 7 Rotation reverse switch

### 6 Ergonomic Facom design

- Compact and lightweight
- Bi-material construction for reduced vibration and increased working comfort.
- Firm comfortable grip.

### 5 Bumpers

- Integral protective rubber bumpers providing improved impact resistance.
- Protect the machine and its environment.
- Prevents tool sliding on sloping surfaces.



**SLIDING LOCK**



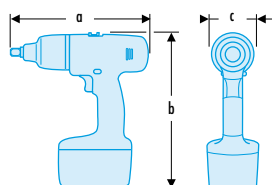
## 19.2V battery-powered 1/2" impact wrench

### CL.C1913

- Always available for quick on-site repairs.
- Powerful, reliable latest generation 19.2 V motor.
- Trigger speed adjustment and power control.
- Accessible, removable carbon brushes enabling simple, immediate repair.
- Integral lighting system for perfect visibility in poorly lit working areas
- Battery locks onto the machine by means of a sliding rail system ensuring reliability, strength and durability of electrical contacts.
- Ni-MH batteries.
- Integral elastomer bumpers.
- For use with FACOM NS Impact series sockets.

Contents of set CL.C1913

- Impact wrench : CL.C1913D - Universal charger : CL.CH919
- 2 Ni-MH batteries : CL.BA19 - Operating instructions
- Weight of machine + battery : 3.1 kg.



	□	a	b	c	ΔΔ
	"	mm	mm	mm	kg
CL.C1913	1/2	252	199	75,5	6,2



## Impact wrench

### CL.C1913

#### Specification

Max torque	330
hard screwdriving (Nm)	220
Free speed (rpm)	2000
Rated impact rate (impacts per minute)	1600
Interchangeable carbon brushes	Yes
Light	Yes
Electronic speed controller	Yes

#### Battery

Battery voltage	19,2
Battery capacity (Ah)	2,6
Battery technology	Ni-MH
Approx. charging time (min)	1h30

#### Dimensions

Length (mm)	252
Height (mm)	199
Weight including battery (kg)	3,2



### Freedom and power.



- Maximum torque 330 Nm and 2,500 Impacts per minute.
- Freedom of movement inside and outside the workshop, without hoses.
- Fast site repairs.
- 2 Ni-MH batteries providing sufficient power for over 300 operations between charges.

## Smart universal charger

### CL.CH919

- One charger fits all FACOM batteries, from 9.6 to 19.2 V, Ni-Cd or Ni-MH.
- Fast charging.
- Delta Volt (DV) technology stops charging at the optimum time.
- Charge monitoring and "maintenance" mode ensure long battery life.



	Voltage	Technology	a	b	c	ΔΔ
	V		mm	mm	mm	g
CL.CH919	from 9,6 to 19,2 DC	Ni-Mh & Ni-Cd	180	116	67	600



# Electric drill-drivers

## 10 mm / 12 V and 13 mm / 14.4 V battery-powered drill-driver

### CL.P1413

- Trigger speed adjustment and power control.
- No risk of over-torquing when starting or stopping a screwing operation : optimum pre-tightening, precision and protection of the assembly.
- Integral lighting system for perfect visibility in poorly lit working areas
- Battery locks onto the machine by means of a sliding rail system ensuring reliability, strength and durability of electrical contacts.
- Integral elastomer bumpers.
- For use with FACOM 6-series screwdriver bits.

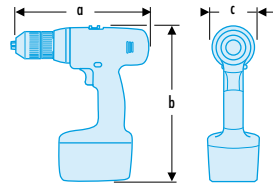
Contents of set CL.P1210

- Drill-driver : CL.P1210D - Universal charger : CL.CH919
- 2 Ni-Cd batteries : CL.BA12 - Operating instructions.

Contents of set CL.P1413

- Drill-driver : CL.P1413D - Universal charger : CL.CH919
- 2 Ni-MH batteries : CL.BA14 - Operating instructions.

	a	b	c	ΔΔ
	mm	mm	mm	kg
CL.P1413	232	199	64	4,9



## 14 VOLT DRILL-DRIVERS



CL.P1413

### Manoeuvrable and lightweight

- Firm comfortable grip.
- Bi-material handle : reduced vibration and increased working comfort.
- 10 mm chuck.

### Robust and mobile.

- Professional reliability : intensive use and difficult applications.
- 13 mm chuck and carbide jaws for heavy-duty tasks.

Specification	CL.P1413
Max torque - hard screwdriving (Nm)	44
Max torque - soft screwdriving (Nm)	24
Free speed, 1st gear (rpm)	340
Free speed, 2nd gear (rpm)	1180
Electronic speed controller	Yes
Automatic chuck	Yes
Torque settings	Yes
Levels of torque setting	16+1
<b>Battery</b>	
Battery voltage and capacity (Ah)	14,4
Battery voltage and capacity (Ah)	2,6
Battery technology	Ni-MH
Approx. charging time (min)	1h30
<b>Drilling diameter</b>	
Ø max. in wood (mm)	35
Ø max. in steel (mm)	13

## CL.BA Batteries

- Ni-MH batteries : clean, efficient power.

	Voltage V	For	Technologie	Capacité Ah	ΔΔ kg
CL.BA19	19,2 DC	CL.C1913D	Ni-Mh	2,6	1,1
CL.BA14	14,4 DC	CL.V146D & CL.P1413D	Ni-Mh	2,6	0,8





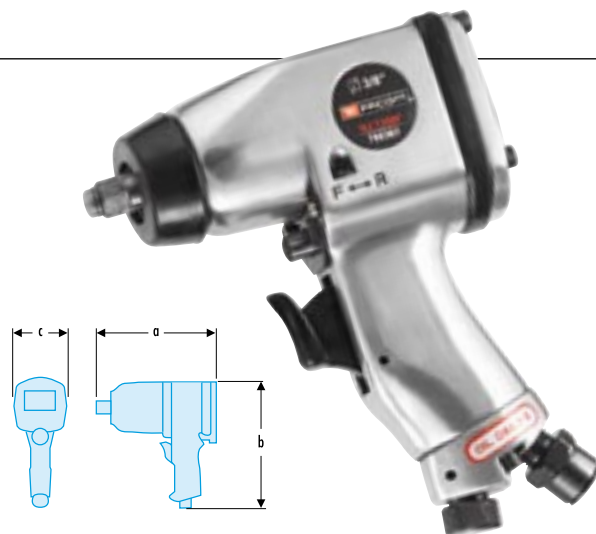
## ► Impact wrenches

### 3/8" impact wrench

#### NJ.1300F

- Speed controller.
- Pressure adjustment knob.
- Direction reversal knob.
- Free speed : 12,500 rpm.
- Recommended dynamic torque : 7 - 68 Nm.
- Maximum dynamic torque : 102 Nm.
- Guaranteed static torque : 82 Nm.
- Impact rate (per minute) : 600.
- Average air consumption : 85 l/min.
- Air inlet thread : 1/4".
- Working pressure : 6.2 bars.

	a mm	b mm	c mm	ΔΔ kg
<b>NJ.1300F</b>	137	167	49	1,24



### 3/8" impact wrench

#### NJ.2000F

- Very strong, lightweight steel/composite casing.
- Double-hammer mechanism.
- High working torque.
- Free speed : 10,000 rpm.
- Recommended dynamic torque : 30-300.
- Maximum dynamic torque : 380 Nm.
- Guaranteed static torque : 205 Nm.
- Impact rate (per minute) : 1,510.
- Average air consumption : 119 l/min.
- Air inlet thread : 1/4".
- 3 tightening torque settings.
- Direction reversal knob.
- Working pressure : 6.2 bars.

	a mm	b mm	c mm	ΔΔ kg
<b>NJ.2000F</b>	157	165	58	1,26



## Impact wrench specifications

Reference	NJ.1300F	NJ.2000F	NS.1010F	NS.1090LF	NS.1800F
Square drive	3/8"	3/8"	1/2"	1/2"	1/2"
Free speed (rpm)	12 500	10 000	8 000	8 000	8 000
Recommended dynamic torque (Nm)	7 - 68	30 - 300	30 - 500	30 - 500	65 - 550
Maximum dynamic torque (Nm)	102	380	610	610	813
Guaranteed static torque (Nm)	82	205	400	320	380
Impact rate (per minute)	600	1 510	1 100	1 100	1 200
Weight (kg)	1,24	1,3	2,6	2,82	2,25
Length (mm)	137	157	187	239	180
Average air consumption (l/min)	85	119	113	113	138
Air inlet thread (inches)	1/4	1/4	1/4	1/4	1/4
Ø int. air hose (mm)	10	10	10	10	10
Working pressure (bar)	6,2	6,2	6,2	6,2	6,2



## Impact wrench NS.1800F

### THE ULTIMATE COMBINATION : POWERFUL, SILENT AND LIGHTWEIGHT



Original air circulation system  
that increases the power  
of the wrench by over 10%

Composite body :  
• Minimises the  
weight

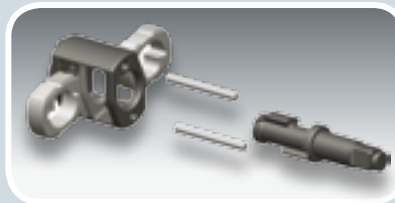
Non-slip grips

Exhaust  
in the handle

#### Twin-hammer mechanism.

Exclusive double-hammer mechanism.

- Better balance
- More power
- More durable



#### 4-position controller/ reverser.

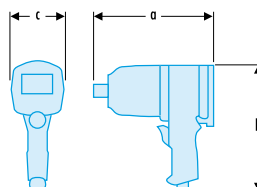


### Composite 1/2" impact wrench

#### NS.1800F

- Lightweight aluminium/composite body.
- Pressure and direction control knob.
- Double-hammer mechanism.
- Free speed : 8,000 rpm.
- Recommended dynamic torque : 65 - 550 Nm.
- Maximum dynamic torque : 813 Nm.
- Guaranteed static torque : 380 Nm.
- Impact rate (per minute) : 1,200.
- Average air consumption : 138 l/min.
- Air inlet thread : 1/4".
- Working pressure : 6.2 bars.

	a	b	c	ΔΔ
	mm	mm	mm	kg
NS.1800F	180	183	69	2,25



## 1/2" impact wrench

### NS.1010F

- Speed controller.
- Five-position pressure adjustment knob.
- Direction reversal knob.
- Double-hammer mechanism.
- Free speed : 8,000 rpm.
- Recommended dynamic torque : 30 - 500 N.m.
- Maximum dynamic torque : 610 Nm.
- Guaranteed static torque : 400 Nm.
- Impact rate (per minute) : 1,100.
- Average air consumption : 113 l/min.
- Air inlet thread : 1/4".
- Working pressure : 6.2 bars.

	a mm	b mm	c mm	ΔΔ kg
<b>NS.1010F</b>	187	188	69	2,6

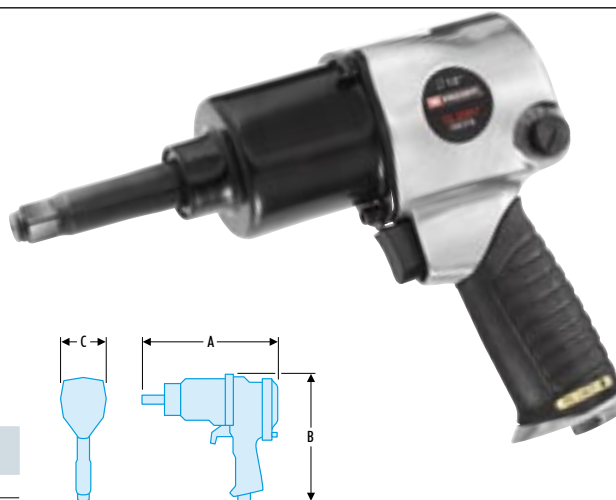


## Long-reach 1/2" impact wrench

### NS.1090LF

- Long-reach impact wrench.
- Five-position pressure adjustment knob.
- Direction reversal knob.
- Double-hammer mechanism.
- Free speed : 8,000 rpm.
- Recommended dynamic torque : 30 - 500 Nm.
- Maximum dynamic torque : 610 Nm.
- Guaranteed static torque : 320 Nm.
- Impact rate (per minute) : 1,100.
- Average air consumption : 113 l/min.
- Air inlet thread : 1/4".
- Working pressure : 6.2 bars.

	a mm	b mm	c mm	ΔΔ kg
<b>NS.1090LF</b>	239	188	69	2,8



## 1/2" impact wrench set

### NS.1010AE

- Comprehensive set :
- Socket size indicated.
- Compact set.
- Complete with case BP.NS990CE (326x295x106 mm) and tray PL.451.
- Comprising :
  - 1 impact wrench NS.1010F.
  - 13 impact sockets NS.10A, 11A, 12A, 13A, 14A, 16A, 17A, 18A, 19A, 21A, 22A, 24A and 27A.
  - 1 extension NS.215A.
  - 1 universal joint NS.240A
  - 1 male threaded fitting NBB.103.
  - 3 Rings and 3 locking pins (BA and GA).
- ΔΔ : 6.11 kg.





## 1/2" impact wrench set

### NS.1800FE

- Comprehensive set :
- Socket size indicated.
- Compact set.
- Complete with case BP.NS990CE (326x295x106 mm) and tray PL.451.
- Comprising :
  - 1 impact wrench NS.1800F.
  - 13 impact sockets NS.10A, 11A, 12A, 13A, 14A, 16A, 17A, 18A, 19A, 21A, 22A, 24A and 27A.
  - 1 extension NS.215A.
  - 1 universal joint NS.240A
  - 1 male threaded fitting NBB.103.
  - 3 Rings and 3 locking pins (BA and GA).
- ΔΔ : 5.52 kg.



## ▶▶ 3/4" impact wrenches

### 3/4" impact wrench

#### NK.990F

- Speed controller.
- Direction reversal knob.
- Double-hammer mechanism.
- Free speed : 7,200 rpm.
- Recommended dynamic torque : 130 - 700 Nm.
- Maximum dynamic torque : 1,020 N.m.
- Guaranteed static torque : 790 Nm.
- Impact rate (per minute) : 1,000.
- Average air consumption : 198 l/min.
- Air inlet thread 1/4".
- Working pressure : 6.2 bars.

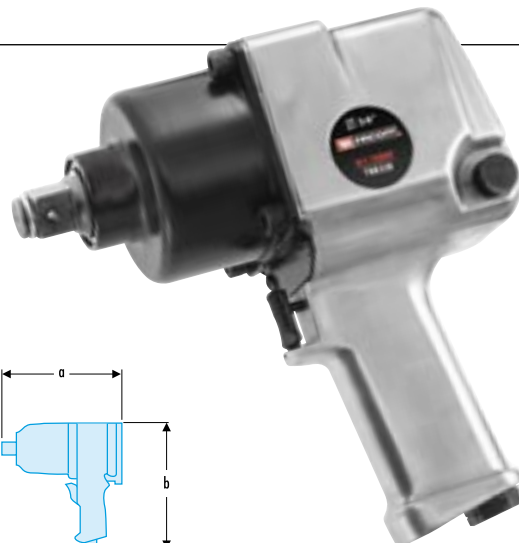


	a	b	c	ΔΔ
	mm	mm	mm	kg
NK.990F	235	203	80	4,5

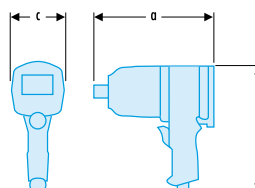
### 3/4" impact wrench

#### NK.1000F

- Speed controller.
- Direction reversal knob.
- Double-hammer mechanism.
- Free speed : 5,500 rpm.
- Recommended dynamic torque 270 - 1,220 Nm.
- Maximum dynamic torque 1,495 Nm.
- Guaranteed static torque : 880 Nm.
- Impact rate (per minute) : 820.
- Average air consumption : 269 l/min.
- Air inlet thread : 3/8".
- Working pressure : 6.2 bars.



	a	b	c	ΔΔ
	mm	mm	mm	kg
NK.1000F	222	233	93	5,6



## Composite 3/4" impact wrench

### NK.2000F

- Speed controller.
- 3 tightening torque settings.
- Direction reversal knob.
- Double-hammer mechanism.
- Free speed : 5,500 rpm.
- Recommended dynamic torque : 270 - 1,220 Nm.
- Maximum dynamic torque : 1,500 Nm.
- Guaranteed static torque : 810 Nm.
- Impact rate (per minute) : 1,050.
- Average air consumption : 600 l/min.
- Air inlet thread : 3/8".
- Working pressure : 6.2 bars.



## 3/4" impact wrench set

### NK.1101E

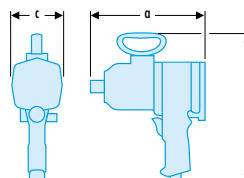
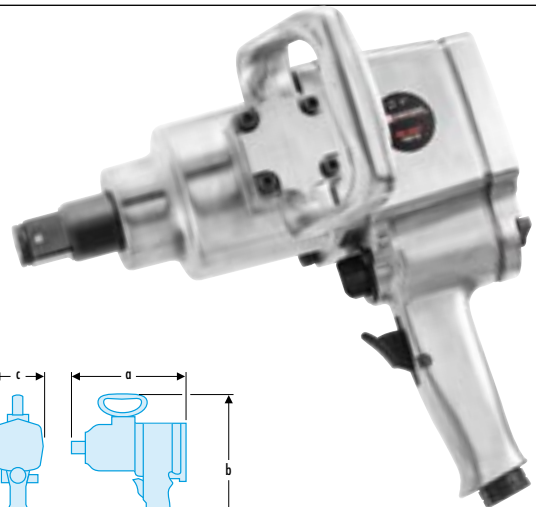
- 15-piece set comprising :
  - 1 impact wrench NK.1000F.
  - 11 impact sockets NK.19A, 21A, 22A, 23A, 24A, 26A, 27A, 28A, 29A, 30A and 32A.
  - 1 extension NK.210A.
  - 1 universal joint NK.240A.
  - 1 sleeve N.610.
  - 3 Rings and 3 locking pins (BA and GA).
- Complete with metal case BT.104 and tray PL.81B.
- ΔΔ : 19.6 kg.



## 1" impact wrench

### NM.1000F

- Speed controller.
- Direction reversal knob.
- Double-hammer mechanism.
- Free speed : 4,400 rpm.
- Recommended dynamic torque : 130-1,650 Nm.
- Maximum dynamic torque : 2,170 Nm.
- Guaranteed static torque : 1500 Nm.
- Impact rate (per minute) : 720.
- Average air consumption : 255 l/min.
- Air inlet thread : 1/2".
- Working pressure : 6.2 bars.



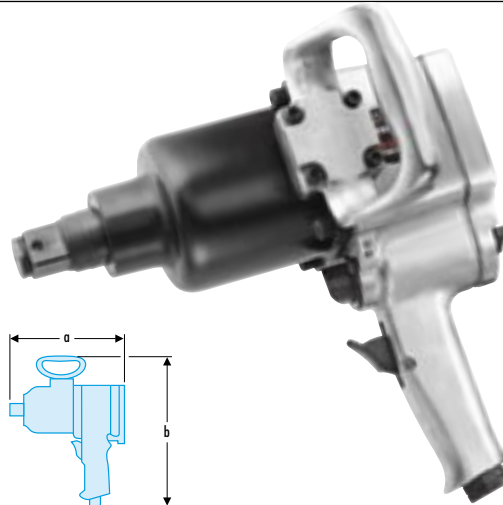
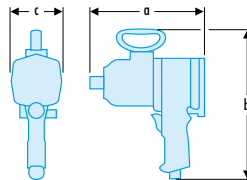
	a mm	b mm	c mm	ΔΔ kg
NM.1000F	300	290	205	9,84

## 1" impact wrench

### NM.1200F

- Air exhaust in the handle
- Speed controller.
- Direction reversal knob.
- Double-hammer mechanism.
- Free speed : 4,200 rpm.
- Recommended dynamic torque : 150-1,800 Nm.
- Maximum dynamic torque : 2,440 Nm.
- Guaranteed static torque : 1700 Nm.
- Impact rate (per minute) : 660.
- Average air consumption : 255 l/min.
- Air inlet thread : 1/2".
- Working pressure : 6.2 bars.

	a	b	c	ΔΔ
	mm	mm	mm	kg
NM.1200F	290	290	218	11,2

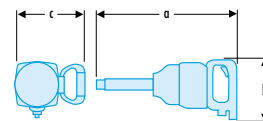


## Long-reach 1" impact wrench

### NM.1010LF

- 200 mm long shank.
- Speed controller.
- Direction reversal knob.
- 3-position power control.
- Double-hammer mechanism.
- Free speed : 4,500 rpm.
- Recommended dynamic torque : 130-1,650 Nm.
- Maximum dynamic torque : 2,170 Nm.
- Guaranteed static torque : 1500 Nm.
- Impact rate (per minute) : 720.
- Average air consumption : 255 l/min.
- Air inlet thread 1/2".
- Working pressure : 6.2 bars.

	a	b	c	ΔΔ
	mm	mm	mm	kg
NM.1010LF	523	172	202	11,3



## Impact wrench specifications

Reference	NK.990F	NK.1000F	NK.2000F	NM.1000F	NM.1200F	NM.1010LF
Square drive	3/4"	3/4"	3/4"	1"	1"	1"
Free speed (rpm)	7 200	5 500	5 500	4 400	4 200	4 500
Recommended torque (Nm)	130 - 700	270 - 1 220	270-1220	130 - 1650	150 - 1 800	130 - 1650
Maximum torque (Nm)	1 020	1 495	1500	2 170	2 440	2 170
Guaranteed static torque (Nm)	700	880	810	1 500	1 700	1 500
Impact rate (per minute)	1 000	820	1 050	720	660	720
Weight (kg)	4,55	5,6	3,88	9,84	11,2	11,4
Length (mm)	235	222	221	300	290	523
Average air consumption (l/min)	198	269	600	255	255	255
Air inlet thread (inches)	3/8	3/8	3/8	1/2	1/2	1/2
Ø int. air hose (mm)	13	13	13	19	19	19
Working pressure (bar)	6,2	6,2	6,2	6,2	6,2	6,2





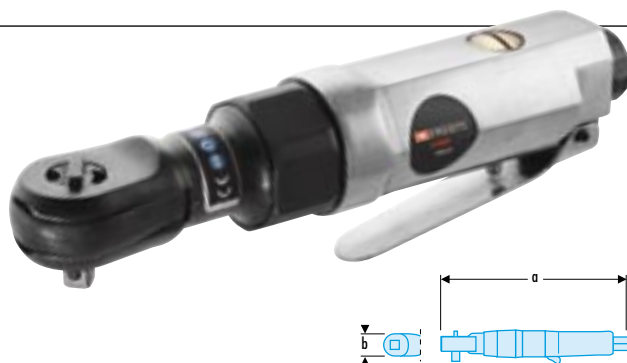
## Ratchets

### 1/4" ratchet

#### V.580F

- Compact size, ideal for confined spaces.
- Free speed : 250 rpm.
- Recommended working torque : 7-27 Nm.
- Average air consumption : 62 l/min.
- Air inlet thread : 1/4".
- Working pressure : 6.2 bars.
- Screw size : M6

	a mm	b mm	ΔΔ kg
V.580F	176	91	0,5



### 3/8" ratchet

#### V.910F

- Compact size.
- Free speed : 250 rpm.
- Recommended working torque : 7-27 Nm.
- Average air consumption : 62 l/min.
- Air inlet thread : 1/4".
- Working pressure : 6.2 bars.
- Screw size : M6

	a mm	b mm	ΔΔ kg
V.910F	176	91	0,5



### 1/2" ratchet

#### V.690F

- Composite handle for a better grip and reduced weight.
- Unique head design providing maximum protection against dust.
- Air exhaust turns through 360°.
- Free speed : 280 rpm.
- Recommended working torque : 14-68 Nm.
- Average air consumption : 113 l/min.
- Air inlet thread : 1/4".
- Working pressure : 6.2 bars.
- Screw size : M10.

	a mm	b mm	ΔΔ kg
V.690F	276	59,4	1,24



## Ratchet specifications

Reference	V.580F	V.910F	V.690F	V.950F
Square drive	1/4"	3/8"	1/2"	1/2"
Free speed (rpm)	250	250	280	270
Maximum torque (Nm)	27	27	81	108
Weight (kg)	0,5	0,52	1,24	1,62
Length (mm)	176	176	276	313
Average air consumption (l/min)	62	62	113	130
Air inlet thread (inches)	1/4"	1/4"	1/4"	1/4"
Ø int. air hose (mm)	10	10	10	10
Working pressure (bar)	6,2	6,2	6,2	6,2

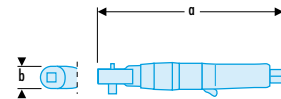
## 1/2" ratchet

### V.950F

- Unique head design providing maximum protection against dust.
- Air exhaust turns through 360°.
- Free speed : 270 rpm.
- Recommended working torque : 14-95 Nm.
- Average air consumption : 130 l/min.
- Air inlet thread : 1/4".
- Working pressure : 6.2 bars.
- Screw size : M12.



	a	b	ΔΔ
	mm	mm	kg
V.950F	313	52	1,62

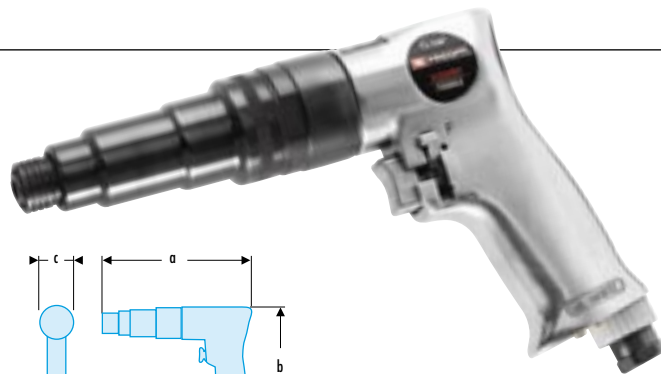


## ► Screwdrivers

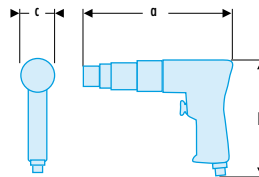
### Reversible screwdriver

#### V.620RF

- Free speed : 1,800 rpm.
- Recommended working torque : 13 Nm.
- Average air consumption : 110 l/min.
- Air inlet thread : 1/4".
- Working pressure : 6.2 bars.
- Screw size : M4.



	a	b	ΔΔ
	mm	mm	kg
V.620RF	216	163	1,2



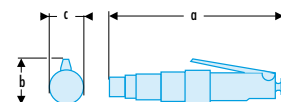
### Reversible screwdriver

#### V.610RF

- Free speed : 1,800 rpm.
- Recommended working torque : 13 Nm.
- Average air consumption : 110 l/min.
- Air inlet thread : 1/4".
- Working pressure : 6.2 bars.
- Screw size : M4.



	a	b	ΔΔ
	mm	mm	kg
V.610RF	270	70	1,1



## Screwdriver specifications

Reference	V.620RF	V.610RF
Free speed (rpm)	1 800	1 800
Maximum effective torque (Nm)	13	13
Weight (kg)	1,2	1,1
Length (mm)	176	176
Average air consumption (l/min)	280	280
Air inlet thread (inches)	1/4"	1/4"
Ø int. air hose (mm)	10	10
Working pressure (bar)	6,2	6,2



## Drills

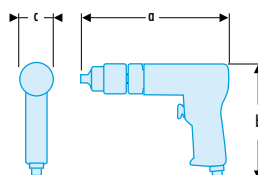
### Drill with self-locking 10 mm chuck

#### V.102MF

- Self-locking steel chuck.
- Free speed : 2,800 rpm.
- Average air consumption : 124 l/min.
- Air inlet thread : 1/4".
- Working pressure : 6.2 bars.
- Motor power rating : 0.44 kW.

	a mm	b mm	c mm	ΔΔ kg
V.102MF	200	135	44	1,33

	Description
V.102MFA1	10 mm chuck



### Drill with self-locking 13 mm chuck

#### V.96F

- Self-locking steel chuck.
- Free speed : 1,300 rpm.
- Average air consumption : 124 l/min.
- Air inlet thread : 1/4".
- Working pressure : 6.2 bars.
- Motor power rating : 0.44 kW.
- Supplied with side handle.

	a mm	b mm	c mm	ΔΔ kg
V.96F	246	137	153	1,5

	Description
V.96FA1	13 mm chuck



## Drill specifications

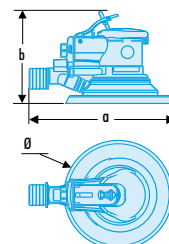
Reference	V.102MF	V.96F
Chuck capacity	10	13
Free speed (rpm)	2 800	1 300
Motor power rating (kW)	0,6	0,6
Weight (kg)	1,33	1,5
Length (mm)	200	246
Average air consumption (l/min)	113	113
Air inlet thread (inches)	1/4"	1/4"
d int. air hose (mm)	10	10
Working pressure (bar)	6,2	6,2

## Sanders

### Orbital sander 152 mm - 5 mm orbit

#### V.252F

- Can connect to a central exhaust unit.
- Speed of rotation : 10,000 rpm.
- Air inlet thread : 1/4".
- Working pressure : 6.2 bars.
- Pad diameter 152 mm.
- Supplied with a 6-hole Velcro pad.
- Orbit 5 mm.
- Average air consumption : 104 l/min.
- Rotation speed control system.



	a mm	b mm	ΔΔ kg
V.252F	225	115	0,74

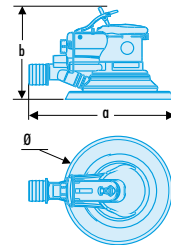
	Description
V.252F1	6 hole Velcro pad



## One-handed orbital sander Ø 150 mm - 2.5 mm orbit

### V.252

- Ultra-light one-handed sander, special high finish.
- Supplied with 6-hole Ø 150 mm.
- Powerful torque, comfortable thermal and vibration-insulated body.
- Compatible with all Ø 29 mm.
- Dust-proof double bearing.
- Speed can be varied during sanding using handle-mounted control.
- Air connection (female thread) 1/4".
- Recommended air hose (Ø int.) : 8 mm.
- Recommended fitting (thread - Ø int.) : 1/4"-6.
- Pressure : 6.3 bars.
- Speed of rotation : 10,000 rpm.
- Average air consumption : 380 l/min.
- Noise level : 77,8.
- Vibration level : < 2.5 m/s<sup>2</sup>.
- Ø Tray : 150 mm.
- Eccentric offset : 2.5 mm.

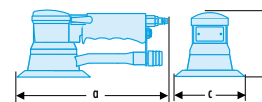


	a mm	b mm	Ø mm	ΔΔ kg		Description
V.256	205	125	150	0,87	V.256A1	6 hole Velcro pad Ø 150 mm.

## Two-handed orbital sander Ø150 mm - 8 mm orbit

### V.252

- Easy to handle, lightweight roughing sander.
- Supplied with 6-hole Ø 150 mm.
- Double bearing, comfortable thermal and vibration-insulated body.
- Compatible with all Ø 29 mm.
- Variable speed control from 5,000 to 10,000 rpm.
- Air connection (female thread) 1/4".
- Recommended air hose (Ø int.) : 8.
- Recommended fitting (thread - Ø int.) : 1/4"-6.
- Pressure : 6.3 bar.
- Speed of rotation : 10,000 rpm.
- Average air consumption : 340 l/min.
- Noise level (dB(A)) : 76.1.
- Vibration level : 3 m/s<sup>2</sup>.
- Ø Tray : 150 mm.
- Eccentric offset : 8 mm.

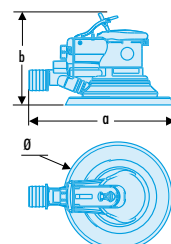


	a mm	b mm	c mm	ΔΔ kg		Description
V.258	305	140	150	1,5	V.258A1	6 hole Velcro pad Ø 150 mm

## Two-handed orbital sander

### V.254F

- Rotation speed control system.
- Can connect to a central exhaust unit.
- Speed of rotation : 9,000 rpm.
- Air inlet thread : 1/4".
- Working pressure : 6.2 bars.
- Pad diameter 152 mm.
- Supplied with a 6-hole Velcro pad.
- Orbit 5 mm.
- Average air consumption : 115 l/min.



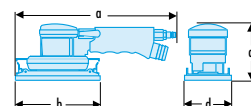
	a mm	b mm	Ø mm	ΔΔ kg		Description
V.254F	275	110	150	1,3	V.252F1	6 hole Velcro pad

## Vibrating sanders

### Vibrating sander - 95 x 170 mm - 8 holes

#### V.252

- Easy to handle, lightweight roughing sander.
- Supplied with pad and 8-hole abrasive perforator.
- High-quality chrome-plated aluminium motor, comfortable thermally-insulated body.
- Clips for standard abrasives.
- Compatible with all Ø 29 mm.
- Variable speed control from 5,000 to 10,000 rpm.
- Air connection (female thread) : 1/4".
- Recommended air hose (Ø int.) : 8 mm.
- Recommended fitting (thread - Ø int.) : 1/4"-6.
- Pressure : 6.3 bars.
- Speed of rotation : 10,000 rpm.
- Average air consumption : 360 l/min.
- Noise level : 74.
- Vibration level : 5.4 m/s<sup>2</sup>.
- Eccentric offset : 5 mm.



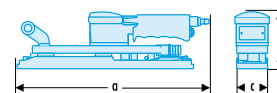
	a mm	b mm	c mm	d mm	ΔΔ kg
V.260	320	170	120	95	1,7

	Description
V.260A1	8 hole punch
V.260SAV50B	95 x 170 mm pad

### Long vibrating sander - 70 x 400 mm - 14 holes

#### V.252

- Air connection (female thread) : 1/4".
- Recommended air hose (Ø int.) : 8 mm.
- Recommended fitting (thread - Ø int.) : 1/4"-6.
- Pressure : 6.3 bars.
- Speed of rotation : 10,000 rpm.
- Average air consumption : 360 l/min.
- Noise level : 73,5.
- Vibration level : 6.8 m/s<sup>2</sup>.
- Ø pad : 70 x 400 mm.
- Eccentric offset : 5 mm.
- Long sound-proofed sander for sanding large areas.
- Supplied with 14-hole Velcro pad 70 x 400 mm.
- High-quality chrome-plated aluminium motor with sealed double bearing.
- Clips for standard abrasives, insulated handle and motor body.
- Compatible with all Ø 29 mm pipe extraction systems.
- Variable speed control from 5,000 to 10,000 rpm.



	a mm	b mm	c mm	ΔΔ kg
V.262	435	129	70	2,5

	Description
V.262SAV51	70 x 400 mm pad

## Vibrating sander specifications

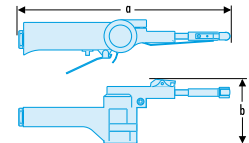
Reference	V.256	V.252F	V.254F	V.258	V.260	V.262
Orbit (mm)	2,5	5	5	8		
Pad dimensions (mm)	150	152	152	150	95 x 170	70 x 400
Free speed (rpm)	10 000	10 000	10 000	10 000	10 000	10 000
Weight (kg)	0,87	0,74	0,8	1,5	1,7	2,5
Length (mm)	205	225	275	305	320	435
Average air consumption (l/min)	380	368	360	340	360	360
Air inlet thread (inches)	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"
Ø int. air hose (mm)	8	10	10	8	8	8
Working pressure (bar)	6,2	6,2	6,2	6,2	6,2	6,2

## ►► Belt sanders

### Belt sander - 10 x 330 mm

#### V.252

- Surface roughing and cleaning.
- Multi-position adjustable handle.
- Quick-change belt system.
- Supplied with 3 belts (one ready-mounted) : 2 x 120 grit, 1 x 80 grit.
- Air connection (female thread) : 1/4".
- Recommended air hose (Ø int.) : 8 mm.
- Recommended fitting (thread - Ø int.) : 1/4"-6.
- Pressure : 6.3 bars.
- Speed of rotation : 15,000 rpm.
- Average air consumption : 400 l/min.
- Noise level : 79,4.
- Vibration level : < 2.5 m/s<sup>2</sup>.
- Belt size : 10 x 330 mm.
- Each belt reference corresponds to a single belt.
- Minimum order = 10 belts.



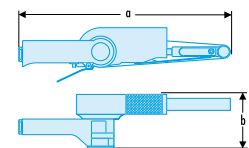
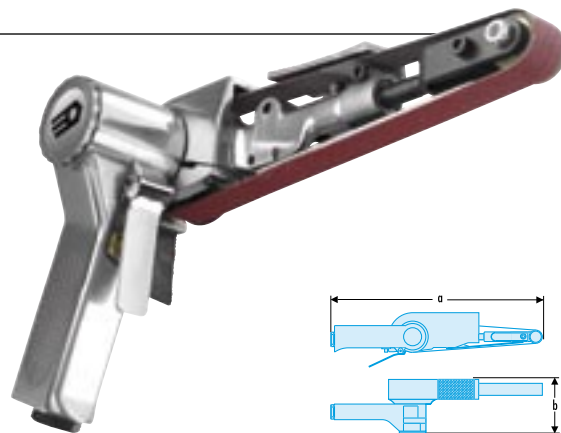
	a mm	b mm	ΔΔ g
<b>V.402</b>	284	76	800

	Description
<b>V.402A1</b>	80 grit belt 10 x 330
<b>V.402A2</b>	120 grit belt 10 x 330

### High capacity belt sander - 20 x 520 mm

#### V.252

- Surface roughing and cleaning.
- Multi-position adjustable handle.
- Quick-change belt system.
- Supplied with 2 belts (one ready-mounted) : 1 x 120 grit, 1 x 80 grit.
- Air connection (female thread) : 1/4".
- Recommended air hose (Ø int.) : 8 mm.
- Recommended fitting (thread - Ø int.) : 1/4"-6.
- Pressure : 6,3 bar.
- Speed of rotation : 17,000 rpm.
- Average air consumption : 400 l/min.
- Noise level : 78.
- Vibration level : < 2.5 m/s<sup>2</sup>.
- Belt size : 20 x 520 mm.
- Each belt reference corresponds to a single belt.
- Minimum order = 10 belts.



	a mm	b mm	ΔΔ kg
<b>V.403</b>	353	89	1,15

	Description
<b>V.403A1</b>	80 grit belt 20 x 520
<b>V.403A2</b>	120 grit belt 20 x 520

## Belt sander specifications

Reference	V.402	V.403
Free speed (rpm)	15 000	17 000
Weight (kg)	0,8	1,15
Length (mm)	284	353
Average air consumption (l/min)	400	400
Air inlet thread (inches)	1/4	1/4
Ø int. air hose (mm)	8	8
Working pressure (bar)	6,3	6,3



## ► Grinders

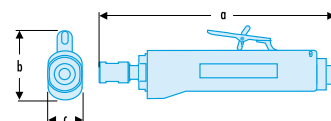
### ►► Straight grinders - 6 mm collet

#### Straight grinder - 6 mm collet

##### V.445F

- Front air exhaust.
- Air hose bore 10 mm.
- Speed of rotation : 20,000 rpm.
- Air inlet thread : 1/4".
- Working pressure : 6.2 bars.
- Average air consumption : 180 l/min.

	a mm	b mm	Ø mm	ΔΔ kg
V.445F	207	80	43	0,9

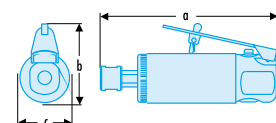


#### Straight grinder

##### V.345F

- Speed of rotation : 20,000 rpm.
- Speed controller.
- Front air exhaust.
- Air inlet thread : 1/4".
- Working pressure : 6.2 bars.
- Average air consumption : 113 l/min.
- Power : 0.4 hp.

	a mm	b mm	c mm	ΔΔ kg
V.345F	145	58	40	0,5



## Grinder specifications

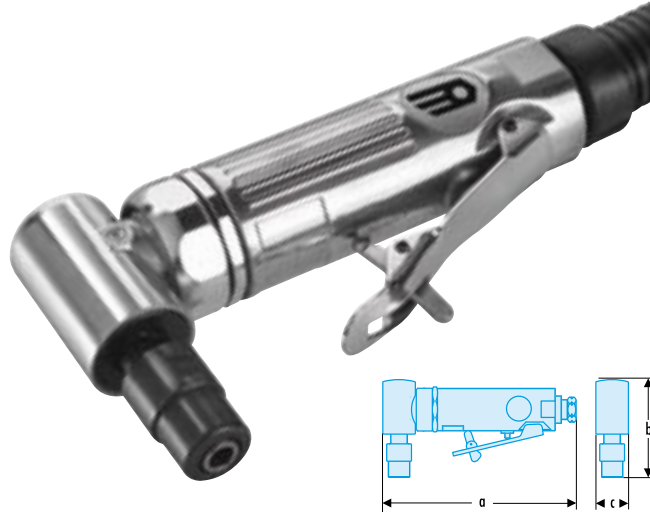
Reference	V.445F	V.345F	V.347
Free speed (rpm)	20 000	22 000	18 000
Collet or shaft diameter (mm)	6	6	6
Weight (kg)	0,96	0,6	0,7
Length (mm)	207	138	158
Average air consumption (l/min)	180	113	300
Air inlet thread (inches)	1/4"	1/4"	1/4"
Ø int. air hose (mm)	10	10	10
Working pressure (bar)	6,2	6,2	6,2

## ►► Angle grinders - 6 mm collet

### Angle grinder - 6 mm collet

#### V.252

- Angle grinder for grinding wheels with shank.
- For cutting and cleaning.
- Compact motor with sturdy blades.
- Compact angled head for difficult-to-reach places.
- Exhaust air duct with integral air supply pipe.
- Supplied with 6 mm collet and 2 open-end wrenches.
- Air connection (female thread) : 1/4".
- Recommended air hose (Ø int.) : 8 mm.
- Recommended fitting (thread - Ø int.) : 1/4"-6.
- Pressure : 6.3 bar.
- Speed of rotation : 18,000 rpm.
- Average air consumption : 300 l/min.
- Noise level (dB(A)) : 83.
- Vibration level : < 2.5 m/s<sup>2</sup>.
- Collet : 6 mm.



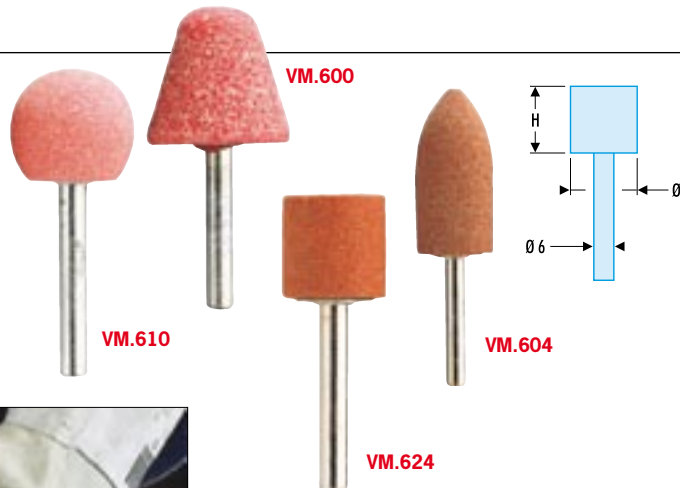
	a mm	b mm	c mm	ΔΔ g
<b>V.347</b>	158	78	27	400

## ►► Grinding wheels on 6 mm dia. shank

### Grinding wheels on Ø 6 mm shank

- Specifications to ISO 2933.

	Type	Ø x H mm	Free speed rev/min
<b>VM.600</b>	A.4	30 x 32	17 000
<b>VM.602</b>	A.5	30 x 20	30 000
<b>VM.604</b>	A.11	28 x 45	18 000
<b>VM.606</b>	A.12	20 x 30	30 000
<b>VM.610</b>	A.25	25	25 000
<b>VM.612</b>	A.26	17	54 000
<b>VM.624</b>	W.206	32 x 21	30 000

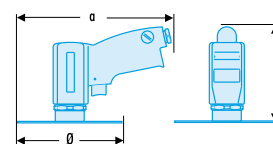


## ► Disc sanders

### Pistol-grip 127 mm rotary disc sander

#### V.401F

- Speed controller.
- Speed of rotation 16,000 rpm.
- Air inlet thread : 1/4".
- Working pressure : 6.2 bars.
- Average air consumption : 120 l/min.

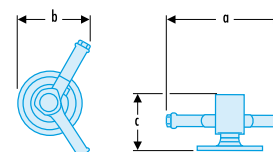


	a mm	b mm	ΔΔ kg
V.401F	112	126	1,2
	Description		
V.401F1	2 pads - 76 and 127 mm dia.		

### Pistol-grip 178 mm rotary disc sander

#### V.410F

- Two-handed grip.
- Air exhaust in the handle.
- Speed of rotation 4,200 rpm.
- Air inlet thread : 1/4".
- Working pressure : 6.2 bars.
- Average air consumption : 130 l/min.



	a mm	b mm	ΔΔ kg
V.410F	198	190	2,6
	Description		
V.410FA1	Pad		

## Disc sander specifications

Reference	V.401F	V.410F	V.411
Pad dimensions (mm)	127	178	175
Free speed (rpm)	18 000	5 000	4 500
Weight (kg)	1,2	2,0	1,8
Length (mm)	160	203	320
Average air consumption (l/min)	450	170	490
Air inlet thread (inches)	1/4	1/4"	1/4"
Ø int. air hose (mm)	10	10	8
Working pressure (bar)	6,2	6,2	6,2

## Angle sander Ø 178 mm

### V.411

- Surface roughing and cleaning.
- Designed for use with 178 mm dia. fibre disc.
- Powerful, 4-blade motor.
- Supplied with handle and one 178 mm dia. fibre pad.
- Air connection (female thread) : 1/4".
- Recommended air hose (Ø int.) : 8 mm.
- Recommended fitting (thread - Ø int.) : 1/4"-6.
- Pressure : 6.3 bar.
- Speed of rotation : 4,500 rpm.
- Average air consumption : 490 l/min.
- Noise level (dB(A)) : 86.9.
- Vibration level : < 2.5 m/s<sup>2</sup>.
- Pad size : 178 mm.



	a mm	b mm	c mm	Ø mm	ΔΔ kg
V.411	320	103	235	175	1,8
Description					
V.411A1	178 mm dia. pad				

## ► Angle grinders/cutters

### Angle grinder/cutter - 100 mm dia.

#### V.462F

- Side handle.
- Speed of rotation : 12,000 rpm.
- Working pressure : 6.2 bars.
- Average air consumption : 120 l/min.
- Air inlet thread : 1/4".
- Power : 0.8 kW.
- Shaft thread 3/8"

	Ø d1 mm	Ø d2 mm	a mm	b mm	ΔΔ kg
V.462F	100	110	220	85	1,6
Description					
V.460A	deburring wheel 100 mm dia.				

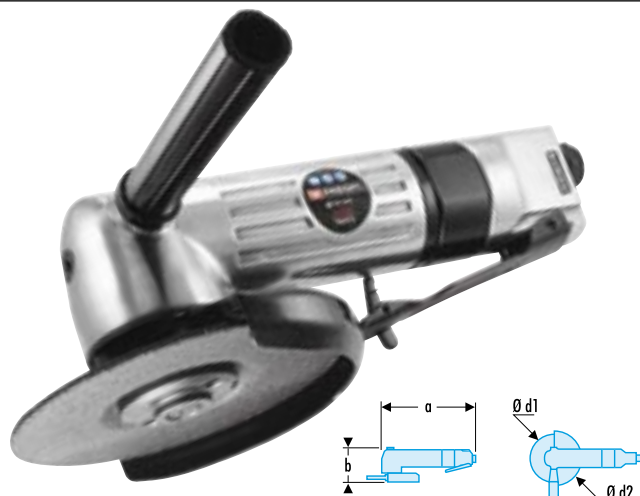


### Angle grinder/cutter - 127 mm dia.

#### V.472F

- Side handle.
- Speed of rotation : 12,000 rpm.
- Working pressure : 6.2 bars.
- Average air consumption : 120 l/min.
- Air inlet thread : 1/4".
- Power : 0.8 kW.
- Shaft thread 3/8"

	Ø d1 mm	Ø d2 mm	a mm	b mm	ΔΔ kg
V.472F	125	138	220	85	1,86
Description					
V.471A1	Deburring wheel Ø 127 mm				
V.471A2	Cutting wheel Ø 127 mm				





## Composite angle grinder/cutter Ø 125 mm

### V.582F

- 1 HP motor for difficult work.
- Air exhaust in handle.
- Free speed : 11,000 rpm.
- Collet or shaft diameter : M14 x 2.
- Average air consumption : 180 l/min.
- Air inlet thread : 1/4".
- Ø int.air hose : 10 mm.

	a mm	b mm	c mm	ΔΔ kg
<b>V.582F</b>	225	108	130	1,96



## Vertical angle grinder/cutter Ø 180 mm

### V.482

- Built-in wheel guard.
- Automatically locking control lever.
- Speed/power controller.
- Free speed : 6,000 rpm.
- Motor power rating : 1.5 kW.
- Collet or shaft diameter : 5/8" - 11.
- Average air consumption : 168 l/min.
- Air inlet thread : 1/2".
- Ø int.air hose : 19 mm.

	Ø d1 mm	Ø d2 mm	a mm	b mm	ΔΔ kg
<b>V.482</b>	180	204	155	170	4
	Description				
<b>V.480A1</b>	Deburring wheel Ø 180 mm				
<b>V.480A2</b>	Cutting wheel Ø 180 mm				



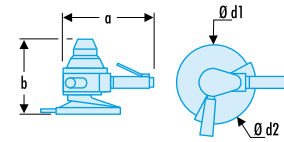
## Grinder/cutter specifications

Reference	V.462F	V.472F	V.582F	V.482	V.492
Free speed (rpm)	12 000	12 000	12 000	6 000	6 000
Dimension	100	125	125	180	230
Weight (kg)	1,8	1,9	1,9	4	4
Length (mm)	229	229	230	155	155
Average air consumption (l/min)	170	170	150	168	168
Air inlet thread (inches)	1/4"	1/4"	1/4"	1/2"	1/2"
Ø int. air hose (mm)	10	10	10	19	19
Working pressure (bar)	6,2	6,2	6,2	6,2	6,2

## Vertical grinder/cutter Ø 230 mm

### V.492

- Built-in wheel guard.
- Automatically locking control lever.
- Speed/power controller.
- Free speed : 6,000 rpm.
- Motor power rating : 1.5 kW.
- Collet or shaft diameter : 5/8" - 11.
- Average air consumption : 168 l/min.
- Air inlet thread : 1/2".
- Ø int.air hose : 19 mm.



	Ø d1 mm	Ø d2 mm	a mm	b mm	ΔΔ kg
<b>V.492</b>	230	254	155	170	4

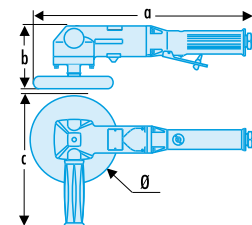
	Description
<b>V.490A1</b>	Deburring wheel Ø 230 mm
<b>V.490A2</b>	Cutting wheel Ø 230 mm

## ► Angle polisher

### Angle polisher 178 mm.

### V.902

- Buffing and polishing.
- Heavy-duty machine.
- Supplied with 1 handle, 1 pad 178 mm dia, 1 195 mm polishing pad.
- Air connection (female thread) : 1/4".
- Recommended air hose (Ø int.) : 8 mm.
- Recommended fitting (thread - Ø int.) : 1/4"-6.
- Pressure : 6.3 bar.
- Speed of rotation : 2,000 rpm.
- Average air consumption : 470 l/min.
- Noise level (dB(A)) : 82.4.
- Vibration level : < 2.5 m/s<sup>2</sup>.
- Tray : 178 mm.



	a mm	b mm	c mm	Ø mm	ΔΔ kg
<b>V.902</b>	320	103	230	178	1,8

	Description
<b>V.902A1</b>	178 mm pad
<b>V.902A2</b>	195 mm polishing pad.
<b>V.902A3</b>	160 mm foam pad



## ► Power chisels

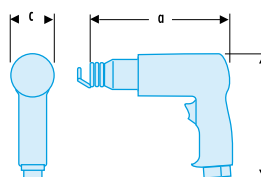
### Power chisel with hexagonal shank

#### V.320FH

- Built-in power regulator.
- Impact rate 3,000/min.
- Working pressure : 6.2 bars.
- Average air consumption : 280 l/min.
- Air inlet thread : 1/4".
- Power : 0.8 kW.
- Piston stroke : 67 mm.

	a mm	b mm	ΔΔ kg
<b>V.320FH</b>	171	160	1,58

	Description
<b>V.320HA1</b>	Straight chisel
<b>V.320HA2</b>	Punch (hexagonal shank)
<b>V.320HA3</b>	Weld point cutter (hexagonal shank)
<b>V.320HA4</b>	Sheet metal cutter (hexagonal shank)
<b>V.320HA5</b>	Double edge sheet-metal cutter (hexagonal shank)
<b>V.320RRN1</b>	Spring



### Power chisel set

#### V.321

- Comprising :
  - 1 Sheet-metal cutter.
  - 1 double edge sheet-metal cutter.
  - 1 weld point cutter.
  - 1 straight chisel.
  - 1 punch.

	Power chisel	ΔΔ kg
<b>V.321AH</b>	V.320FH	6,3



## ► Saws

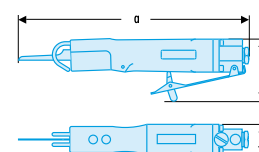
### Sabre saw

#### V.770F

- Seamless straight and curved cutting.
- Suitable for flat and convex surfaces.
- Adjustable blade guide.
- Supplied with 3 x 10 teeth/cm blades and 3 x 12 teeth/cm blades.
- Strokes per minute : 10,000.
- Average air consumption 220 l/min.
- Air inlet thread : 1/4".
- Ø int. air hose : 10 mm.



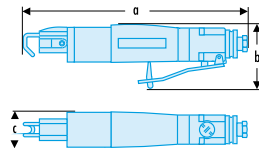
	a mm	b mm	c mm	ΔΔ kg
<b>V.770F</b>	229	75	36	0,7
	Description			
<b>V.770F1</b>	Set of 6 blades - fine (12 teeth/cm)			
<b>V.770F2</b>	Set of 6 blades - standard (10 teeth/cm)			



## Super-duty sabre saw

### V.775F

- Suitable for intensive use.
- Anti-vibration rubber handle.
- Air exhaust in handle.
- Supplied with 3 x 10 teeth/cm blades. and 3 x 12 teeth/cm blades.
- Strokes per minute : 5,750.
- Average air consumption : 720 l/min.
- Air inlet thread : 1/4".
- Ø int. air hose : 10 mm.

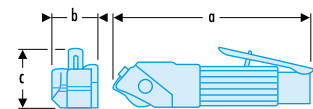


	Description
<b>V.770F1</b>	Set of 6 blades - fine (12 teeth/cm)
<b>V.770F2</b>	Set of 6 blades - standard (10 teeth/cm)

## Sabre saw

### V.750A

- For mid-panel straight cuts and wide curves in flat sections, double skins, welded sheet metal.
- Guide ensures precision cutting.
- Clean cut 1 mm wide.
- Cutting depth :
  - 7.5 mm with 45 dia. blade.
  - 10 mm with 50 dia. blade.
- V.750RN1 : Maintenance kit



	a mm	b mm	c mm	ΔΔ kg
<b>V.750A</b>	245	56	75	1,4

	Ø mm	Thickness to cut mm
<b>V.750A1</b>	45	0,8
<b>V.750A2</b>	50	2,0
<b>V.750A3</b>	50	7/10

## Saw specifications

Reference	V.770F	V.775F	V.750A
Free speed (rpm)	...	...	3 000
Weight (kg)	0,6	0,7	1,4
Length (mm)	229	236	245
Average air consumption (l/min)	220	720	...
Air inlet thread (inches)	1/4"	1/4"	1/4"
Ø int. air hose (mm)	10	10	10
Working pressure (bar)	6,2	6,2	6,2



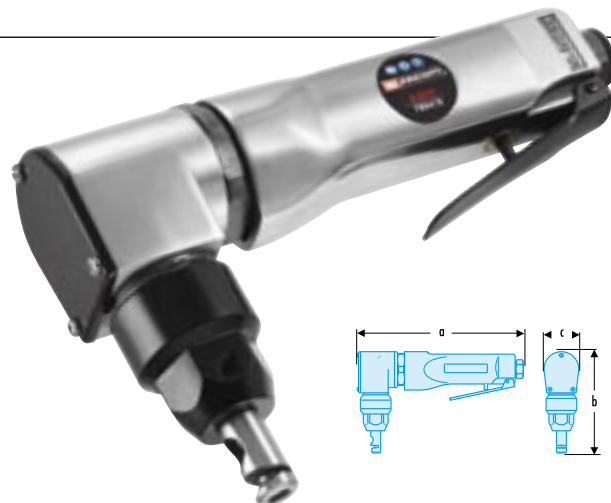
## Other

### Nibbler

#### V.850F

- Lever throttle for precise control and low-speed start.
- Can produce rounded edges up to 6.5 mm radius.
- Max. thickness 1.2 mm - speed 1.8 m/min.
- Strokes per minute : 4,300.
- Average air consumption : 110 l/min.
- Air inlet thread : 1/4".
- Ø int. air hose : 10 mm.

	a mm	b mm	c mm	ΔΔ kg
V.850F	179	118	40,5	0,9
V.850FKR2	Description Kit			

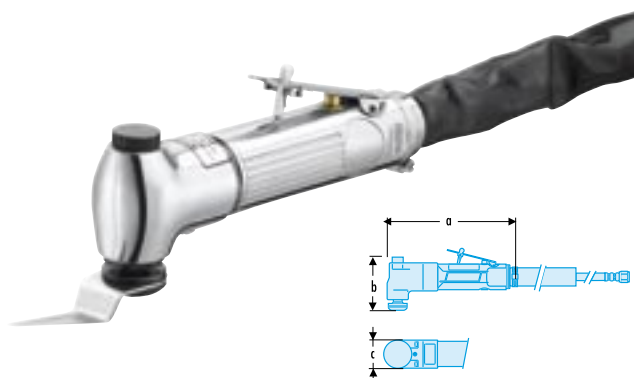


### Windscreen cutter

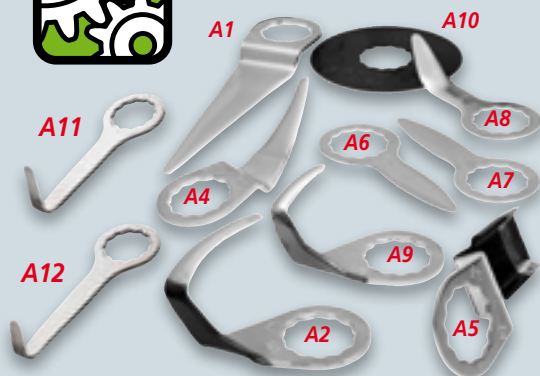
#### CAD.P300F

- Faster windscreen replacement.
- Safety trigger.
- Air exhaust in handle.
- 3° pendular motion.
- Supplied with instructions, without blades.
- Strokes per minute : 20,000.
- Average air consumption : 120 l/min.
- Air inlet thread : 1/4".
- Ø int. air hose : 10 mm.

	a mm	b mm	c mm	ΔΔ kg
CAD.P300F	209	85	45	1,21



## Windscreen cutters



Blade*	Description
CAD.P300A1	Long flat blade 90 mm
CAD.P300A2	Hook blade 36 mm
CAD.P300A4	Curved blade 30 mm
CAD.P300A5	Scraper blade 8 mm
CAD.P300A6	Straight blade 35 mm
CAD.P300A7	Thin straight blade 35 mm
CAD.P300A8	Straight angled blade 35 mm
CAD.P300A9	Hook blade 24 mm
CAD.P300A10	Disc 60 mm
CAD.P300A11	Long angled blade
CAD.P300A12	Long angled blade

\* Each blade reference corresponds to a single blade

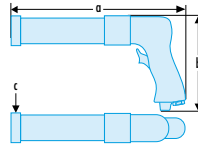
Specifications	CAD.P300
Oscillations per minute	20 000
Weight (kg)	1,21
Length (mm)	208
Average air consumption (l/min)	120
Air inlet thread (inches)	1/4
d int. air hose (mm)	10
Working pressure (bar)	6,2

CAD.P300

## Caulking gun - 50 x 215 mm cartridge

### V.801

- For applying silicon, mastics, adhesives, etc.
- Variable flow.
- Automatic pressure release halting flow of mastic.
- Air connection (female thread) : 1/4".
- Recommended air hose (Ø int.) : 10 mm.
- Recommended fitting (thread - Ø int.) : 1/4"-8.
- Pressure 6.2 bar.
- Noise level 70.
- Vibration level : < 2.5 m/s².
- Standard cartridge : 50 x 215 mm.

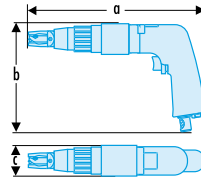
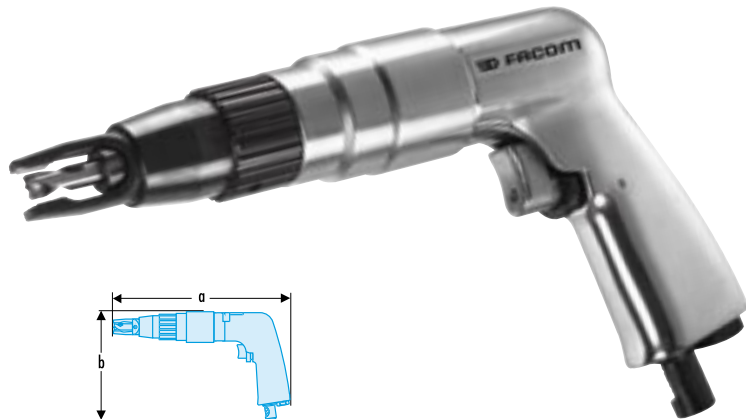


	a mm	b mm	c mm	ΔΔ kg
<b>V.801F</b>	305	168	62	1,3

## Spot weld remover

### V.781

- Air connection (female thread) : 1/4".
  - Recommended air hose (Ø int.) : 8 mm.
  - Recommended fitting (thread - Ø int.) : 1/4"-6.
  - Pressure : 6.3 bar.
  - Speed of rotation : 1,800 rpm.
  - Average air consumption : 460 l/min.
  - Noise level (dB(A)) : 74.1.
  - Vibration level : < 2.5m/s².
  - Milling cutter diameter : 8 mm.
  - For accurate removal of spot welds.
  - Caution : not to be used with a stop.
  - Avoids damage to the second layer of metal.
  - Also takes 8.2 mm milling cutters.
  - Supplied with 1 x 8 mm milling cutter.
  - Each milling reference corresponds to a single milling cutter.
- Minimum order per reference = 5.



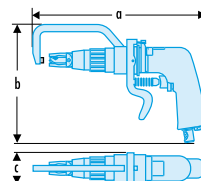
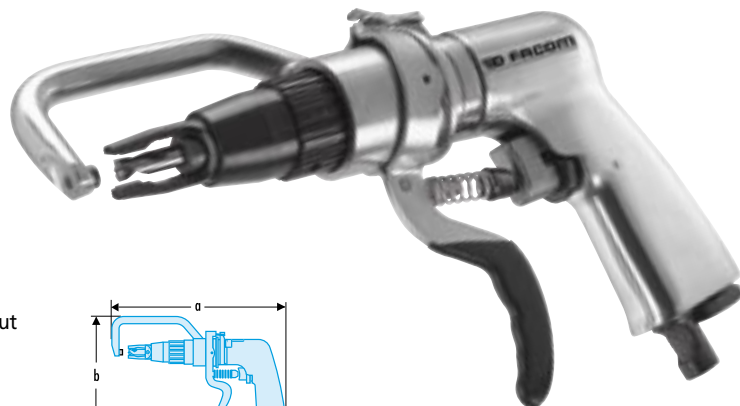
	a mm	b mm	c mm	ΔΔ kg
<b>V.781</b>	242	160	46	1,35

	Description
<b>V.781A1</b>	Milling cutter □ 8 mm

## Spot weld remover with stop

### V.781B

- Air connection (female thread) : 1/4".
- Recommended air hose (Ø int.) : 8 mm.
- Recommended fitting (thread - Ø int.) : 1/4"-6.
- Pressure : 6.3 bar.
- Speed of rotation : 1,800 rpm.
- Average air consumption : 460 l/min.
- Noise level (dB(A)) : 74; 1.
- Vibration level : < 2.5 m/s².
- Milling cutter diameter : 8 mm.
- For accurate removal of spot welds.
- Fitted with a stop to hold the workpiece in position without slipping.
- Also takes 8.2 mm milling cutters.
- Supplied with 1 milling cutter. Ø 8 mm.
- Each milling reference corresponds to a single milling cutter.
- Minimum order per reference = 5.



	a mm	b mm	c mm	ΔΔ kg
<b>V.781B</b>	270	198	53	1,6

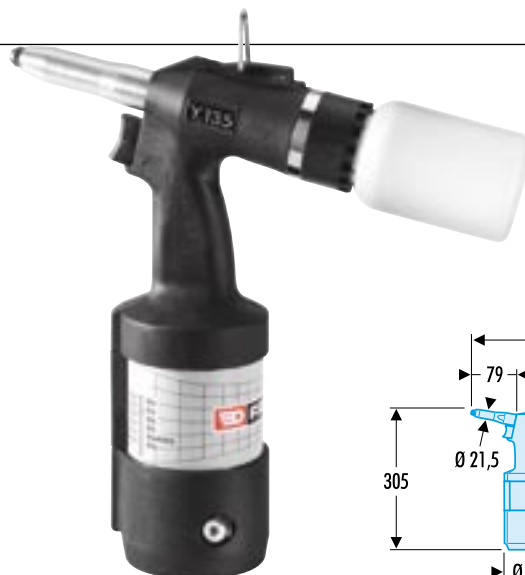
	Description
<b>V.781A1</b>	Milling cutter □ 8 mm



## Suction riveter

### Y.135

- Capacity : Ø 5 mm in any material.
  - Traction travel 17 mm.
  - Force 1,100N.
  - Adjustable pin-suction.
  - Spent-nail holder.
  - Swivel air-connection fits under or to the side of the gun.
  - Supplied with nozzles for 2 - 3 - 4 and 5 mm diameter rivets.
- ΔΔ : 2.47 kg.



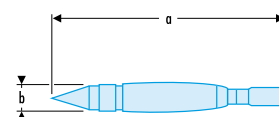
## Engraving pen

### V.820

- With an impact rate of 600 cycles/sec, the tungsten carbide tip will engrave hard materials such as treated steel, stone, glass or ceramic.
- Air control ring.
- Complete with 1.5 m hose, 1/4" threaded male fitting and standard tip.
- Number of cycles : 36,000 impacts per min.
- No-load air consumption : 0.03 m³/min.
- Ø int. air hose : 5 mm.
- Air connection (female thread) : 1/4" .
- Working pressure : 5-7 bars.
- Noise level : 78.4 dBA.



	a x b mm	ΔΔ g
<b>V.820</b>	160 x 17	360
	Description	
<b>V.820A1</b>	Standard tip	
<b>V.820A2</b>	Fine tip	



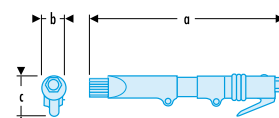
## Rust remover

### V.352

- Cleans, derusts and strips metal surfaces.
- Reaches into cracks and grooves.
- Complete with needles Ø 2 mm.
- Impact rate : 4,200 per minute.
- Average air consumption : 0.135 m³/min.
- Ø int. air hose : 10 mm.
- Air connection (female thread) : 3/8" .
- Recommended working pressure : 5-7 bars.



	a mm	b mm	c mm	ΔΔ kg
<b>V.352</b>	360	36	75	1,53
	Description			
<b>V.352A1</b>	Set of spare needles for rust remover Ø 2 mm			
<b>V.352A1D3</b>	Set of spare needles Ø 3 mm			
<b>V.352-137D3</b>	Comb for needle Ø 3 mm			

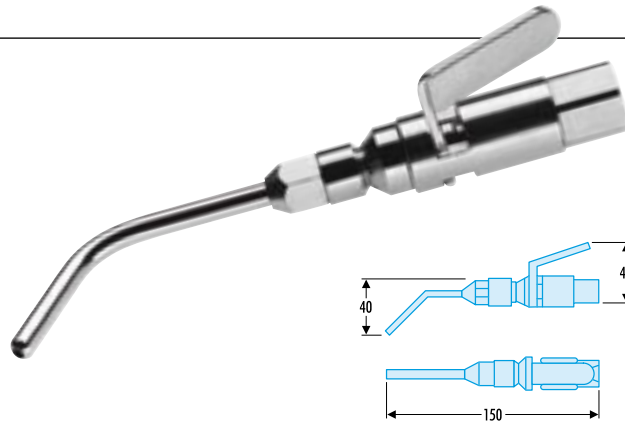


## Air jet

### V.999A

- Air screen prevents dust blowing back towards operator.
- Supplied with nozzle V.999A10.
- Air connection 1/4" (female thread).
- Ø 8 mm pipe.
- Air consumption : 0.53 m³/min.
- Jet pressure : 2 bar.
- $\Delta\Delta$  : 170 g.

	Description
V.999A10	Angled nozzle 100 mm.
V.999A20	Angled nozzle 200 mm.
V.999A30	Straight nozzle 300 mm



## ► Air supply

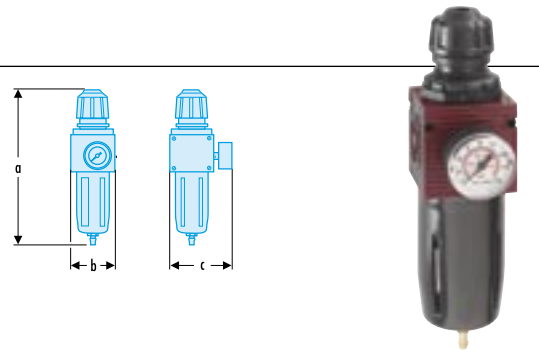
## ►► Filters regulators lubricators

### 3/8" filter-regulator

#### N.555D

- Similar specification to N.558D, but without the lubrication tank.
- Designed to deliver non-lubricated air for air jets, paint spraying, etc.

	a x b x c mm	$\Delta\Delta$ kg
N.555D	258 x 109 x 65	0,84

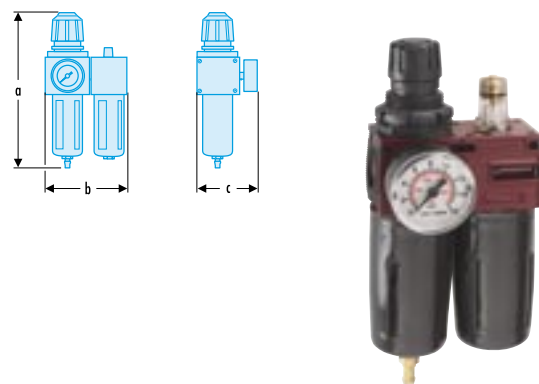


### 1/4" filter-regulator-lubricator

#### N.553D

- Monobloc regulator/filter with sintered bronze filter element.
- Filtration to 40 microns.
- Semi-automatic purge.
- Oil-mist lubricator.
- Max. primary pressure :  
14 bars at 20°C, 8 bars at 50°C with protective tank,  
12 bars at 20°C without protective tank.
- Secondary pressure range : 0.5 to 8.4 bars.
- Allowable temperature range : - 25°C to + 50°C.
- Recommended oil : Engler viscosity at 50°C : 2 to 2.5.

	Thread	a x b x c mm	Flow (l/min)	Bowl capacity (cl)	$\Delta\Delta$ g
N.553D	1/4	188 x 80 x 74	1400	6	440

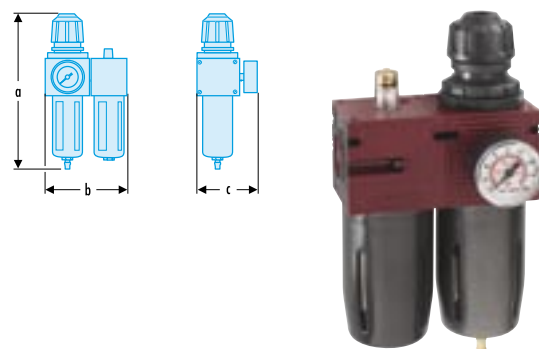


### 3/8" filter-regulator-lubricator

#### N.558C

- Monobloc regulator/filter with sintered bronze filter element.
- Filtration to 40 microns.
- Semi-automatic purge.
- Oil-mist lubricator.
- Max. primary pressure :  
14 bars at 20°C, 8 bars at 50°C with protective tank,  
12 bars at 20°C without protective tank.
- Secondary pressure range : 0.5 to 8.4 bars.
- Allowable temperature range : - 25°C to + 50°C.
- Recommended oil : Engler viscosity at 50°C : 2 to 2.5.

	Thread	a x b x c mm	Flow (l/min)	Bowl capacity (cl)	$\Delta\Delta$ kg
N.558D	3/8	231 x 120 x 93	2800	16	1,701

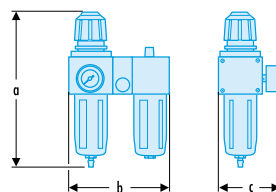




## 3/8" filter-regulator-lubricator + dry air

### N.560D

- Similar specification to N.558D, but with a selector valve for dry air (air jet, paint spraying, etc.) or lubricated air.

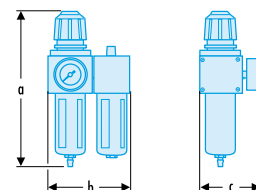


	Thread	a x b x c mm	Flow (l/min)	Bowl capacity (cl)	$\Delta\Delta$ kg
N.560D	3/8	143 x 145 x 93	2800	16	1,912

## 1/2" filter-regulator-lubricator

### N.565

- Monobloc regulator/filter with sintered bronze filter element.
- Filtration to 40 microns.
- Semi-automatic purge.
- Oil-mist lubricator.
- Max. primary pressure :  
14 bars at 20°C, 8 bars at 50°C with protective tank  
12 bars at 20°C without protective tank
- Secondary pressure range : 0.5 to 8.4 bars.
- Allowable temperature range : - 25°C to + 50°C.
- Recommended oil : Engler viscosity at 50°C : 2 to 2.5.
- Lubricator priming flow rate : 100 l/min.



	Thread	a x b x c mm	Flow (l/min)	Bowl capacity (cl)	$\Delta\Delta$ kg
N.565D	1/2	231 x 120 x 93	2800	16	1,681

## 2 litres of lubricator oil

### NS.557-04

- Engler viscosity 2 to 2.5 at 50°C.

## Fittings



## Fittings

*FACOM air tools can be used with a variety of fitting options offering useful connection flexibility.*

When choosing your connector :

- Check air inlet specification (from table for the relevant tool).
- Select connector type (A to D) from the diagram below.

	Threaded male connectors		Tapped female connectors
	Threaded male coupler		Tapped female coupler

- Fitting and coupler specifications are shown below :

