

# SCRAP'AIR®

ERGONOMIC TOOL

SCRAPAIR.COM



# WHY CHOOSING MABI?



## MABI, THE REACTIVE AND TECHNICAL MANUFACTURER SINCE 1967

### **200M2 WORKSHOP**

to manufacture, maintenance and repair.

### **TECHNICIANS, EXPERIENCED AND CONTINUOUSLY TRAINED**

to answer to the specific requirements of users:  
fast maintenance and technical assistance.

### **1000M2 STORAGE AREA**

to allow for 80% of shipments within 24 hours.

### **200 REFERENCES OF MATERIALS**

for the building trade, civil engineering  
and industry. Strictly selected regarding norms, needs and  
requirements of the sector.

### **STRONG PARTNERSHIPS WITH OUR CUSTOMERS**

to improve our range concerning 5 main areas: ergonomics,  
safety, performance, profitability and design.

### **INGENIOUS SOLUTIONS**

### **WHICH ARE PROFITABLE**

What makes all the originality of MABI ® products, it is to be interested  
as much in the user as in the work itself.

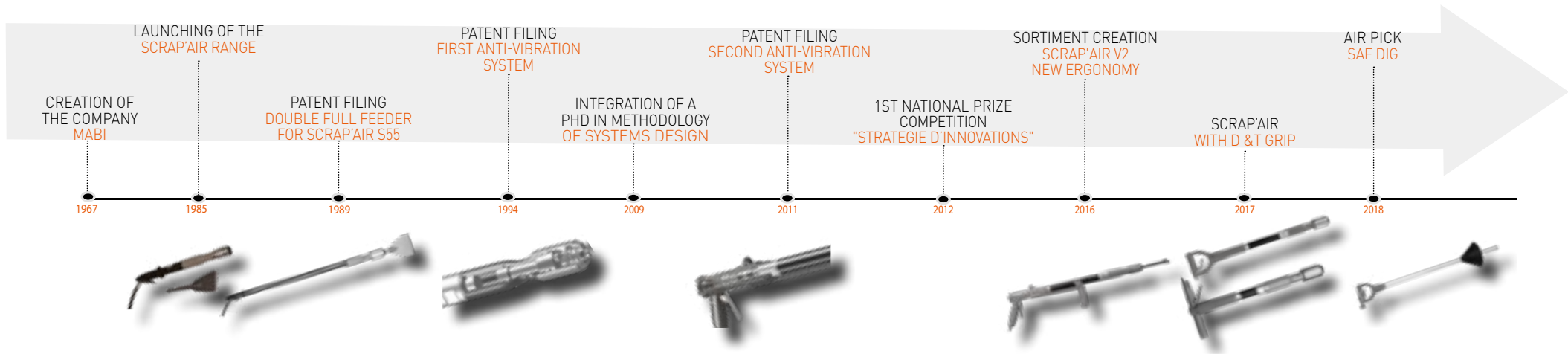
That means not only a reliable and performing equipment but as well  
easy to transport, to use and to maintain.

### **WHICH RESULTS IN A HIGHER PRODUCTIVITY AS YOU CAN NOTICE AT THE END OF YOUR WORK.**



# MORE THAN 50 YEARS OF INNOVATION

## THE KEY DATES 1967-2019



### • INNOVATION

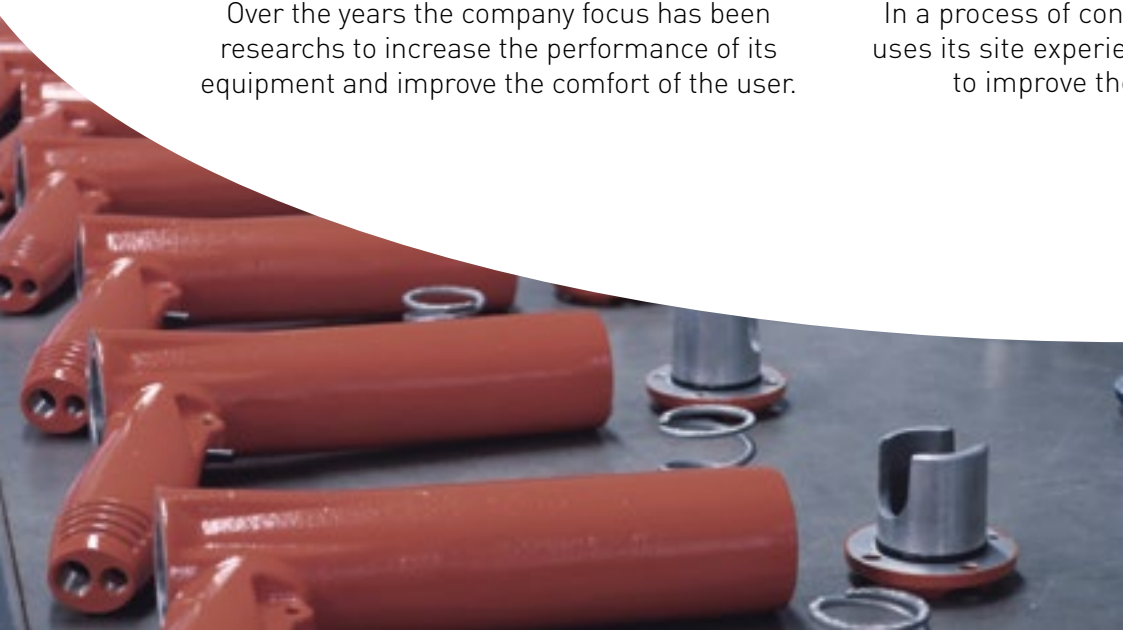
Over the years the company focus has been researches to increase the performance of its equipment and improve the comfort of the user.

### • EFFICIENCY

In a process of continuous improvement, MABI uses its site experience and technical know-how to improve the application methods.

### • PROFITABILITY

A rigorous selection and complete ranges to save you time and money.





# SCRAP'AIR BENEFITS: a range adapted to each project.



## MAKE YOUR CHOICE:

### 4 POWERS

Use the adapted power according to the materials that need to be removed:

#### 15 joules:

Recommended for fragile covering such as wood, stone, friable coats, ...  
(Scrap'air 24 pages 7 -8 )

#### 25 joules:

Perfect for buildings renovations, asbestos, glues, tiles and slab removal, ...  
(Scrap'air 36 pages 9 -10)

#### 30 joules:

Adapted to industrial maintenance : ovens, mixers, truck mixer, ...  
(Scrap'air 38 pages 11-14)

#### 35 joules:

Suitable for floors stripping as water-proofing removal, excavation, ...  
(Scrap'air 55 pages 15-18)

### 4 GRIPS

The ergonomic design of the different grips ensures optimal work positions.



Pistol Grip



Straight Grip



T-Grip



D-Grip

### 3 LENGTHS

The adapted handle length allows comfort during use and a secured handling (short, medium, long and tailor-made handle).



50 CM



80 CM



120 CM

### ANTI-VIBRATION SYSTEMS

The two patented anti-vibration systems, by dissociating head and handle, protect the user from vibration.



ANTI-VIBRATION IN THE NOZZLE HEAD



ANTI-VIBRATION IN THE HANDLE

# LIGHTWEIGHT, HANDINESS, EFFICIENCY,



## 1. COMFORT AND PERFORMANCE

- > Respecting a certain distance from the impact field which protects from fragments and rubbles.
- > Respecting an angle of action which grants a comfortable positioning of the back in case of working on floors.
- > Giving a 2.5 m range allowing works on ceilings without any scaffolding.

## 2. PATENTED ANTI VIBRATION SYSTEMS

Reduces vibration in hands and arms up to 60% and grants therefore better using conditions.

## 3. SAFETY-TOOL RETAINER

Easy and safe plug-in of the tool.

## 4. TOOLS

A choice of 25 strong tools "Made in Germany" developed in cooperation with professionals.

## 5. ERGONOMIC GRIPS

Ideal prehension adapted to all users. Grip made in light aluminum for optimum weight (from 3.1kg up to 6.8kg according to the model).

## STAY AHEAD !

**THE NEW SCRAP'AIR GENERATION HAS BEEN STUDIED AND PRODUCED WITH THE LATEST TECHNOLOGIES.**

- Use high quality tools adapted to specific work.
- Benefit from machines with maximal long lifespan «made in France» with less maintenance.
- Work safely with high efficiency thanks to a proven range for professionals.



# WHAT IS YOUR ACTIVITY?

## LIGHT STRIPPING & DEBURRING

WOOD / FACADE / TANK / COAT / STONE / FOUNDRY PIECES / ETC...



### SCRAP'AIR 24: Pages 7-8

Frequency: 4750 BLOWS/min  
Air consumption: 210 L/min  
Tools: Ø14 mm  
(All insertion tools page 19)

## BUILDING RENOVATION

ASBESTOS / TILES / EARTHENWARE / CARPET / LINO / GLUES / ETC ...



### SCRAP'AIR 36: Pages 9-10

Frequency: 3500 BLOWS/min  
Air consumption: 250 L/min  
Tools: Ø14 mm  
(All insertion tools page 19)



## INDUSTRIAL STRIPPING

MIXER / TRUCK MIXER / CONVEYOR / MOLDS / OVENS / FOUNDRY LADLE /  
CONDUIT / PRODUCTION MAINTENANCE / GLUES / RESIN ETC...



Use  
**SCRAP'AIR S38**  
With a power of 30 joules!

### SCRAP'AIR 38: Pages 11-14

Frequency: 2950 BLOWS/min  
Air consumption: 280 L/min  
Tools: Ø14 mm  
(All insertion tools page 19)

## FLOOR WORKS

WATERPROOFING / FIRE-RESISTANT COATING / RESIN / EXCAVATION / GRUBBING /  
FOUNDRY LADLE / REFRACTORY COATING / ETC...



Use  
**SCRAP'AIR S55**  
With a power of 35 joules!

### SCRAP'AIR 55: Pages 15-18

Frequency: 2250 BLOWS/min  
Air consumption: 300 L/min  
Tools: Ø18 mm  
(All insertion tools page 20)

# SCRAP'AIR 24<sup>®</sup>

## LIGHT STRIPPING

WOOD / FACADE / TANK /  
COAT / STONE / ETC...

**AIR CONSUMPTION:** 210L/min  
**TOOL SHANK:** HEXAGONAL 14 mm  
**POWER:** 15 JOULES  
**FREQUENCY:** 4750 BLOWS/min  
**PRESSURE:** 6-8 BAR

## S24 WITHOUT HANDLE



**WEIGHT:** 2,3 KG  
**LENGTH:** 29 CM

V1





## S24 SHORT V1



WEIGHT: 2.8 KG  
LENGTH: 50 CM

V1



## KIT Compact / Peeling & Removing

SCRAP'AIR 24® delivered in a handy-box including:

- 1 delta knife 8 CM sharpened / Ref. 07030142
- 1 chisel 4 CM / Ref. 07030180
- 1 in-line oiler / Ref. 08020061
- 1 oil-can / Ref. 08020020
- 1 protection kit / Ref. 05030024



07030124 KIT **COMPACT** S24 WITHOUT HANDLE

07030224 KIT **COMPACT** S24 HANDLE 20CM

# SCRAP'AIR 36®

## BUILDING RENOVATION

ASBESTOS / TILES /  
EARTHENWARE / CARPET / ETC...

**AIR CONSUMPTION:** 250L/min  
**TOOL SHANK:** HEXAGONAL 14 mm  
**POWER:** 25 JOULES  
**FREQUENCY:** 3500 BLOWS/min  
**PRESSURE:** 6-8 BAR

### S36 SHORT V1



**ANTI-VIBRATION:** NOZZLE HEAD  
**WEIGHT:** 3.4 KG  
**LENGTH:** 52 CM

V1

### S36 SHORT V2



**ANTI-VIBRATION:** NOZZLE HEAD & HANDLE  
**WEIGHT:** 4.1 KG  
**LENGTH:** 50 CM

V2



# S36 MEDIUM V1



**ANTI-VIBRATION:** NOZZLE HEAD **V1**  
**WEIGHT:** 4 KG  
**LENGTH:** 88 CM

# S36 MEDIUM V2



**ANTI-VIBRATION:** NOZZLE HEAD & HANDLE **V2**  
**WEIGHT:** 5.1 KG  
**LENGTH:** 86 CM

# KIT Renovation

SCRAP'AIR 36® delivered in a handy-box including:

- 1 delta knife 8 CM / Ref. 07030135
- 1 chisel 4 CM / Ref. 07030180
- 1 pointed chisel / Ref. 07030161
- 1 in-line oiler / Ref. 08020061
- 1 oil-can / Ref. 08020020
- 1 protection kit / Ref. 05030024



07060015	KIT RENOVATION S36 V1 SHORT
07070510	KIT RENOVATION S36 V2 SHORT
07060016	KIT RENOVATION S36 V1 MEDIUM
07070600	KIT RENOVATION S36 V2 MEDIUM



# SCRAP'AIR 38®

## INDUSTRIAL STRIPPING

MIXER / TRUCK MIXER /  
CONVEYOR / MOLDS / ETC...

**AIR CONSUMPTION:** 280L/min  
**TOOL SHANK:** HEXAGONAL 14 mm  
**POWER:** 30 JOULES  
**FREQUENCY:** 2950 BLOWS/min  
**PRESSURE:** 6-8 BAR

### S38 SHORT V1



**ANTI-VIBRATION:** NOZZLE HEAD  
**WEIGHT:** 3.8 KG  
**LENGTH:** 52 CM

V1

### S38 SHORT V2



**ANTI-VIBRATION:** NOZZLE HEAD & HANDLE  
**WEIGHT:** 4.4 KG  
**LENGTH:** 53 CM

V2



## S38 MEDIUM V1



**ANTI-VIBRATION:** NOZZLE HEAD  
**WEIGHT:** 4.2 KG  
**LENGTH:** 89 CM

V1

## S38 MEDIUM V2



**ANTI-VIBRATION:** NOZZLE HEAD & HANDLE  
**WEIGHT:** 5.4 KG  
**LENGTH:** 88 CM

V2

## KIT Removing & Demolition

SCRAP'AIR 38® delivered in a handy-box including:

- 1 chisel 2.5 CM / Ref. 07030175
- 1 chisel 4 CM / Ref. 07030180
- 1 pointed chisel / Ref. 07030161
- 1 in-line oiler / Ref. 08020061
- 1 oil-can / Ref. 08020020
- 1 protection kit / Ref. 05030024



07060507	KIT REMOVING & DEMOLITION S38 V1 SHORT
07070520	KIT REMOVING & DEMOLITION S38 V2 SHORT
07060508	KIT REMOVING & DEMOLITION S38 V1 MEDIUM
07070610	KIT REMOVING & DEMOLITION S38 V2 MEDIUM







## S38 LONG V1



**ANTI-VIBRATION:** NOZZLE HEAD  
**WEIGHT:** 5.3 KG  
**LENGTH:** 113 CM

V1

## S38 LONG V2



**ANTI-VIBRATION:** NOZZLE HEAD & HANDLE  
**WEIGHT:** 6.1 KG  
**LENGTH:** 119 CM

V2

## KIT Floor Removing

SCRAP'AIR 38® delivered in a handy-box including:

- 1 carpet knife [01] / Ref. 07030200
- 2 extra steel blades [02] / Ref. 07030225
- 1 chisel 5 CM [03] / Ref. 07030256
- 1 in-line oiler [06] / Ref. 08020061
- 1 oil-can [08] / Ref. 08020020
- 1 protection kit [09] / Ref. 05030024

## KIT Floor Demolition

SCRAP'AIR 38® delivered in a handy-box including:

- 1 chisel 4 CM [04] / Ref. 07030180
- 1 chisel 2.5 CM [05] / Ref. 07030175
- 1 pointed chisel [10] / Ref. 07030161
- 1 in-line oiler [06] / Ref. 08020061
- 1 oil-can [08] / Ref. 08020020
- 1 protection kit [09] / Ref. 05030024



07060506	KIT FLOOR REMOVING S38 V1 LONG
07070700	KIT FLOOR REMOVING S38 V2 LONG
07070731	KIT FLOOR DEMOLITION S38 V1 LONG
07070730	KIT FLOOR DEMOLITION S38 V2 LONG

# SCRAP'AIR 55®

## FLOOR WORKS

WATERPROOFING / RESIN /  
EXCAVATION / ETC...

**AIR CONSUMPTION:** 300L/min  
**TOOL SHANK:** HEXAGONAL 18 mm  
**POWER:** 35 JOULES  
**FREQUENCY:** 2250 BLOWS/min  
**PRESSURE:** 6-8 BAR





## S55 LONG V1



**ANTI-VIBRATION:** NOZZLE HEAD  
**WEIGHT:** 6.2 KG  
**LENGTH:** 117 CM

V1

## S55 LONG V2



**ANTI-VIBRATION:** NOZZLE HEAD & HANDLE  
**WEIGHT:** 6.8 KG  
**LENGTH:** 123 CM

V2

## KIT Roofing Removing

SCRAP'AIR 55® delivered in a handy-box including:

- 1 carpet knife [01] / Ref. 07030234
- 2 extra steel blades [02] / Ref. 07030225
- 1 delta knife 15 CM courbe [03] / Ref. 07030240
- 1 asphalt chisel [04] / Ref. 07030245
- 1 chisel 5 CM [05] / Ref. 07030255
- 1 in-line oiler [06] / Ref. 08020061
- 1 Fitting claw [07] / Ref. 08020009
- 1 oil-can [08] / Ref. 080200020
- 1 protection kit [09] / Ref. 05030024

## KIT Floor Demolition

SCRAP'AIR 55® delivered in a handy-box including:

- 1 delta knife 15 CM courbe [03] / Ref. 07030240
- 1 chisel 5 CM [05] / Ref. 07030255
- 1 pointed chisel [10] / Ref. 07030285
- 1 in-line oiler [06] / Ref. 08020061
- 1 Fitting claw [07] / Ref. 08020009
- 1 oil-can [08] / Ref. 080200020
- 1 protection kit [09] / Ref. 05030024



07070014	KIT ROOFING REMOVING S55 V1 LONG
07070710	KIT ROOFING REMOVING S55 V2 LONG
07070012	KIT FLOOR DEMOLITION S55 V1 LONG
07070720	KIT FLOOR DEMOLITION S55 V2 LONG



## S55 T-GRIP V2



V2

**ANTI-VIBRATION:**  
NOZZLE HEAD & HANDLE  
**WEIGHT:** 5,9 KG  
**LENGTH:** 82 CM



## S55 D-GRIP V2



V2

**ANTI-VIBRATION :**  
NOZZLE HEAD & HANDLE  
**WEIGHT:** 5,7 KG  
**LENGTH:** 81,5 CM



## KIT Excavation

SCRAP'AIR 55® delivered in a handy-box including:

- 1 spade 15 CM / Ref. 07030164
- 1 chisel 5 CM / Ref. 07030255
- 1 in-line oiler / Ref. 08020061
- 1 Fitting claw / Ref. 08020009
- 1 oil-can / Ref. 080200020
- 1 protection kit / Ref. 05030024



07070550

KIT **EXCAVATION** S55 V2 T-GRIP

07080750

KIT **EXCAVATION** S55 V2 D-GRIP

# SAF'DIG: AIR PICK

EXCAVATION IN URBAN AREA NEEDS SECURED WORK CONDITIONS DUE TO GAS AND ELECTRIC PIPELINES.

## BENEFITS

Handling : appreciated asset on constructions sites, length only 125cm.

Lightweight: only 2.6kg for optimal work conditions.

Easy to use and powerful: the pneumatic jet is driven by the actuation of the secured trigger.

Effective up to 10cm. The guard cone protects the user against flying debris.

Resistance: long lifespan due to the quality of the material.

Tube with high electric isolation, robust grip, with no moving part, ...

Uncompressing and digging soils using the power of the pneumatic jet from air pick Saf'Dig allow :

- Pipelines release without damage,
- Users protection against risks linked to gas and electricity,
- Time saving and high reactivity in urban constructions sites.

**AIR CONSUMPTION:** 2000 L/min

**TUBE DIAMETER:** 3 cm

**PRESSURE:** BETWEEN 7 -10 BAR

**ELECTRIC ISOLATION:** 40 000 VOLT

**WEIGHT:** 2.5 KG  
**LENGTH:** 127 CM

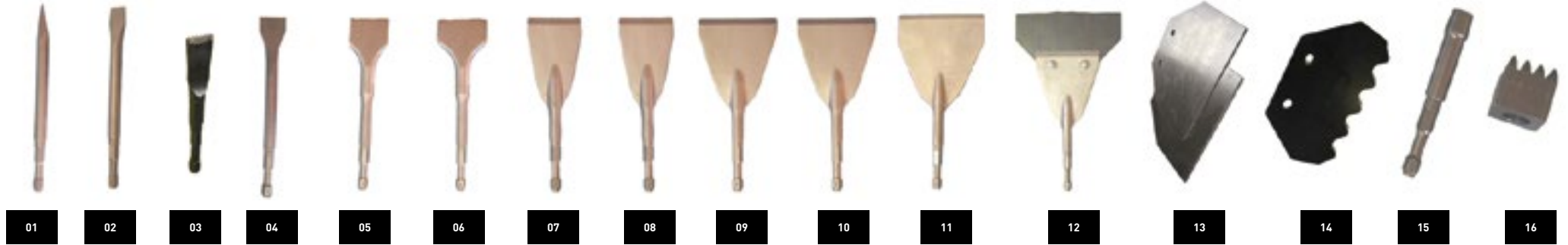
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AIR PICK SAF'DIG





# 25 TOOLS MADE IN GERMANY



**FOR SCRAP'AIR 24,36,38**  
**HEXAGONAL SHANK 14 MM**

		Light demolition	Chiseling	Removing of very resistant coatings	Renovation	Removing of crumbling coatings	Removing of soft coatings	Rock work	Cutting of bituminous coatings	Wood working	Excavation	Tracing grooves	Removing parquet
07030161	01. Pointed chisel hexagonal	X											
07030175	02. Chisel 2.5 cm	X	X	X									
07030156	03. Chisel 3.5 cm with carbide teeth											X	
07030180	04. Chisel 4 cm		X	X	X	X							
07030256	05. Chisel 5 cm			X	X	X			X				
07030266	06. Chisel 8 cm			X	X	X			X				
07030135	07. Delta knife 8 cm straight			X	X	X	X		X				
07030142	08. Delta knife 8 cm straight sharpened									X			
07030145	09. Delta knife 12 cm straight				X	X	X						
07030150	10. Delta knife 12 cm curved				X	X	X						
07030147	11. Delta knife 15 cm curved				X	X	X						
07030200	12. Carped knife steel						X						
07030225	13. Blade steel						X						
07030209	14. Blade Toothed												X
07030195	15. Stocker holder							X					
07030191	16. Stocker 16 steel teeth							X					





# HIGH QUALITY INSERTION TOOLS

The quality of our tools (Made in Germany) as well as their steady development is very appreciated by professionals:

- Tempered steel with high resistance for a longer life.
- Grit blasted surface to protect against oxidation.
- Hexagonal shank to limit the wear out.

The intuitive plug-in allows an easier, safer and faster changing of the tools.

According to his needs, the user will adapt the choice to the requested impact angle. Several applications for a single device.

- Low angle of impact with large and bent knives, to protect the base and remove crumbling materials.
- Wide angle of attack, thin and straight chisel to penetrate into the base (medium) and strip the hard and resistant materials.



## FOR SCRAP'AIR 55 HEXAGONAL SHANK 18 MM

		Light demolition	Chiseling	Removal of very resistant coatings	Renovation	Removal of crumbling coatings	Removal of soft coatings	Cutting of bituminous coatings	Excavation	Removal parquet	Cutting asphalt stripes
07030285	01. Pointed chisel hexagonal	X									
07030255	02. Chisel 5 cm		X	X	X	X					
07030235	03. Delta knife 15 cm straight				X	X	X				
07030240	04. Delta knife 15 cm curved				X	X	X				
07030234	05. Carped knife steel						X				
07030225	06. Blade steel						X	X			
07030209	07. Toothed blade steel									X	
07030245	08. Asphalt knife 8 cm							X			X
07030164	09. Spade 15 cm x 30 cm								X		



# COMPRESSORS & ACCESSORIES

## COMPRESSOR

### MABI B3800

**TANK:** 2x11L  
**FLOW:** 315L/MIN  
**MAX PRESSURE:** 7 BAR  
**POWER:** 2.2 KW  
**WEIGHT:** 75 KG  
**SIZE:** 90 X 65 X 81 CM

Reminder: Scrap'air air needs :  
Scrap'Air S24: 210 L/MIN  
Scrap'Air S36: 250 L/MIN  
Scrap'Air S38: 280 L/MIN  
Scrap'Air S55: 300 L/MIN

Recommended for: 6 - 8 BAR

08010150



## PNEUMATIC HOSE 25M



Air hose with fast brass fittings -  
pressure max 20 bars.

08020003

## IN-LINE OILER



Inline oiler with fast fittings (connect inline oiler after  
Scrap'air small hose)

08020061



## HEALTH

The **SCRAP'AIR®** range offers a high reduction of vibration with its system patented by **MABI®**.

Musculoskeletal disorders (MSDs) cause most of the occupational diseases. Referring to these problems, many informing campaigns have been mobilized during the last years.

Improving working conditions by using the right device (light, ergonomic and with low vibration) minimizes the risk of occupational diseases.

The European Council Directives 2002/44/EC have fixed minimum vibration levels affecting hands and arms.

Thus, **MABI®** developed, in partnership with the **UTBM**, one of the most important French school for technical engineers, a new concept patented in 2010: a second anti-vibration system integrated in the handle, completing the one in the nozzle head.

The vibration has been reduced considerably. For example our **SCRAP'AIR® 36** at the 3-dimensional tests executed by the French National Development-Center (LNE) resulted with a maximum vibration level of  $6.05\text{m/s}^2$ .

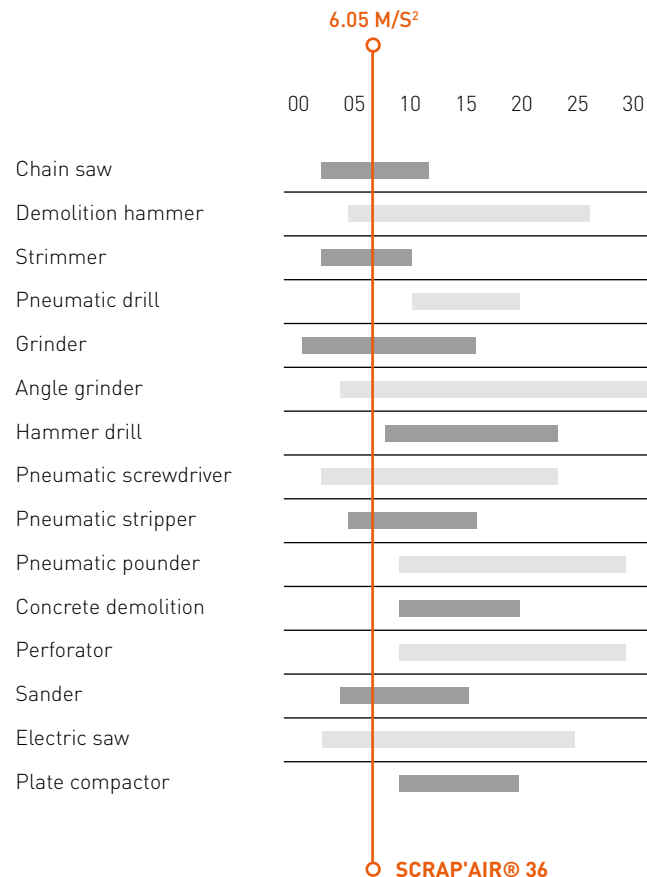
The graph opposite compares our **Scrap' Air® 36** with other tools. (Extracted from a consultative guide of good practice "GUIDE DE BONNES PRATIQUES" in order to apply the European Council Directives 2002/44/EC related to the minimal hygiene and safety requirements for the employees' exposure to physical acting risks such as vibration).

## EFFICIENCY

Tests we performed together with our customers on various construction sites confirm without any doubt the enormous level of efficiency given by the alliance between ergonomics and the power of our **SCRAP'AIR®**.

### ESTIMATION OF RISKS

Comparison of vibration levels of common and authorised tools in the European Market.

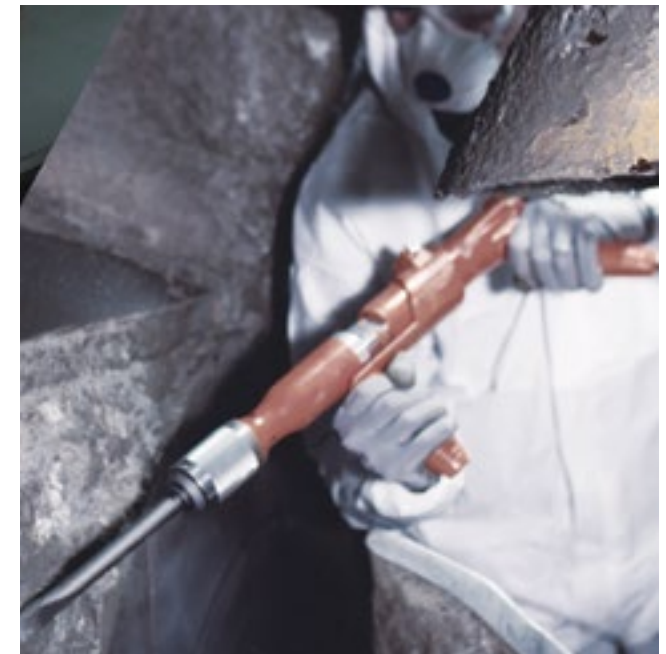
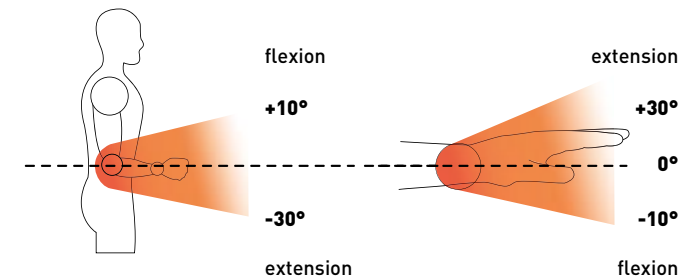


## COMFORT

The results of **MABI®** observing users at work has allowed ergonomics and design to optimize comfort in the new range.

The concept of the new grip is a direct result of ergonomics that favours an optimal working position for comfort of the back, shoulders, elbow and wrist

### Angles for comfort







**EUROPEAN LEADER, PRESENT IN MORE THAN 30 COUNTRIES AROUND THE WORLD.**



FRENCH MANUFACTURER



3 PATENTS FILING



50 YEARS EXPERIENCE

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