

# MABI®

## ERGONOMIC AIR TOOLS

### RENOVATION, INDUSTRIAL, UTILITY



# WHY CHOOSE MABI?



## A RESPONSIVE AND TECHNICAL INNOVATOR SINCE 1967

Born out of our desire to make our customers more productive, safer and profitable, **MABI** tools offer innovation, performance and durability.

### 2500M2 PRODUCTION FACILITY

Dedicated to manufacturing with a local supply chain, ensuring a high quality product, with support for our global customer base.

### DEDICATED PEOPLE

An experienced, engaged team focussed on delivery outstanding products and service

### RELATIONSHIP FOCUSED

Built on over 50 years of experience.

### FORWARD THINKING DIGITAL INTEGRATION

A dedicated Ecommerce platform supported by our 1000m2 warehouse and logistics centre ensures our commitment to delivering 90% of shipments On-Time In-Full.

### CUSTOMER ENGAGEMENT

Our experience servicing the construction and industrial sectors through dedicated partnerships.

### WHAT MAKES THE MABI DIFFERENCE?

Our products are designed around the user, we understand that to be productive not only does a tool need to perform at the maximum, the user must also perform at the maximum.

The core focus behind the design of **MABI tools** is ergonomics, reducing vibration exposure and poor posture from heavy and unsuitable tools.

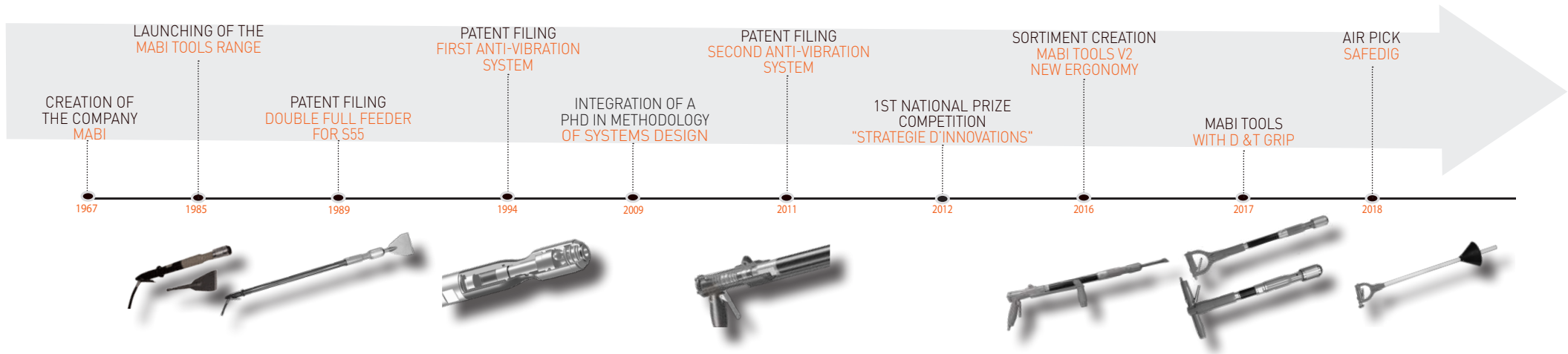
**MABI** tools offer a safer, lighter and higher performing solution for a wide range of removal, demolition and stripping applications.





# MORE THAN 50 YEARS OF INNOVATION

## OUR KEY MILESTONES 1967-2019



### • INNOVATION

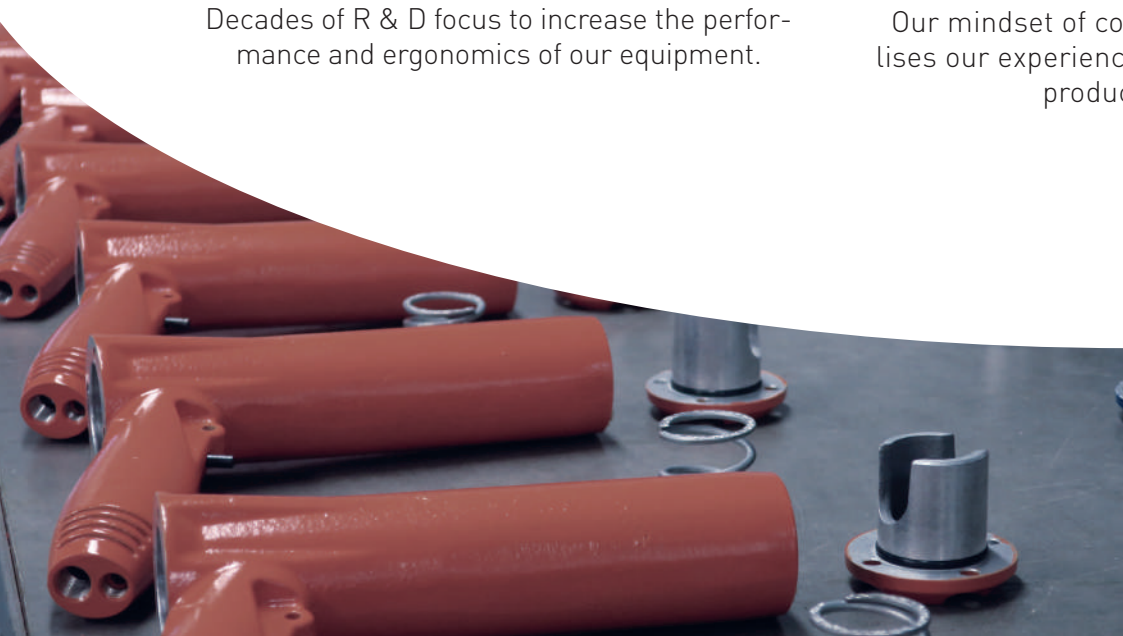
Decades of R & D focus to increase the performance and ergonomics of our equipment.

### • EFFICIENCY

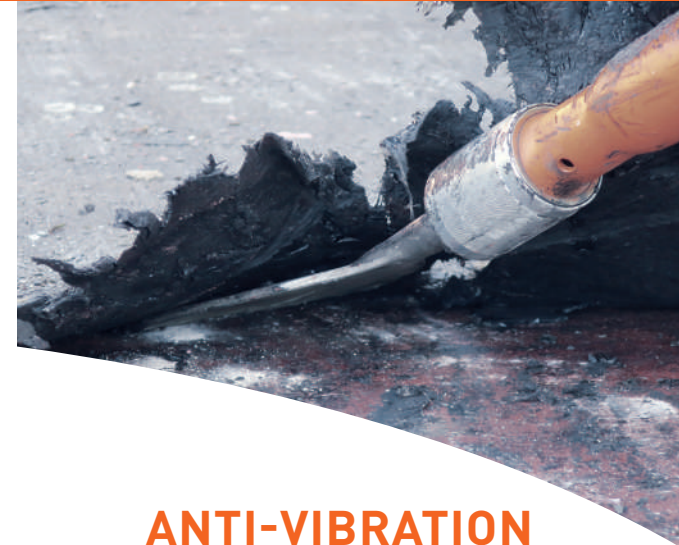
Our mindset of continuous improvement utilises our experience to advance our processes, products and service.

### • VALUE ADDING

Unique products and an adaptable approach makes MABI tools an ideal partner to add value to your business.



# MABI TOOLS BENEFITS: a range adapted to each project.



## MAKE YOUR CHOICE:

### 4 POWERS

Select the power according to the materials that need to be removed:

#### 15 JOULES:

Recommended for fragile covering such as wood, stone, peeling coatings. (S24 pages 7 -8 )

#### 25 JOULES:

Perfect for buildings renovations, asbestos, glues, tiles and slab removal. (S36 pages 9 -10)

#### 30 JOULES

Adapted to industrial maintenance : ovens, mixers, truck mixer. (S38 pages 11-14)

#### 35 JOULES:

Suitable for floors stripping and water-proofing removal, excavation. (S55 pages 15-18)

### 4 HANDLES

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



V2 Pistol Grip



V1 Straight Grip



T-Grip



D-Grip

### 3 LENGTHS

Select the handle length for comfort and reach according to application needs. Custom lengths available for specialist applications.



SHORT



MEDIUM



LONG

### ANTI-VIBRATION SYSTEMS

Two Patented Anti-Vibration Systems isolate and protect the user from harmful vibration.



V1 ANTI-VIBRATION IN THE NOZZLE HEAD



V2 ANTI-VIBRATION IN THE HANDLE AND IN THE NOZZLE HEAD



# LIGHTWEIGHT, EFFECTIVE, PRACTICAL



## EVOLUTION

**THE LATEST GENERATION OF MABI TOOLS BRINGS TOGETHER OUR DECADES OF EXPERIENCE TO OFFER.**

- High Quality Chisels for multiple applications
- Rugged construction designed to meet the tough requirements of the construction field.
- Minimal maintenance for reduced downtime and maximum productivity
- Safety and ergonomics at the core of the design for user comfort and efficiency

### 1. COMFORT AND PERFORMANCE

- Extended reach protecting the operator from debris.
- The perfect match of Power and Lightweight construction maximises productivity and comfort.
- Ergonomic design to offer the most comfortable working position.
- Multiple available lengths to provide safe reach to areas otherwise hard to access with standard chisel tools, preventing overreaching and work in dangerous confined spaces.

### 2. PATENTED ANTI VIBRATION SYSTEMS

- 2 Anti Vibration systems protect operators from dangerous excessive levels of vibration. A 60% reduction offers operators a safer, more comfortable and therefore, more productive operation.

### 3. SAFETY-TOOL RETAINER

- Rugged retainer prevents failures and secures the chisel with no risk of ejection.

### 4. TOOLS

- A wide range of 25 specialist chisels offer solutions to the most demanding applications.

### 5. ERGONOMIC GRIPS

- The combination of strong polymer materials with cast aluminium construction produces a lightweight yet strong tool perfectly suited for easy operation with maximum performance.



# WHAT IS YOUR APPLICATION?

## LIGHT STRIPPING

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



### S24: Pages 7-8

Frequency: 4750 BLOWS/min  
Air consumption: 7,41 CFM  
Tools: 0,55''  
(All tools page 19)

## BUILDING RENOVATION

ASBESTOS / TILES / CARPET / LINO / GLUES



### S36: Pages 9-10

Frequency: 3500 BLOWS/min  
Air consumption: 8,82 CFM  
Tools: 0,55''  
(All tools page 19)



# WHAT IS YOUR APPLICATION?

## INDUSTRIAL CLEANING

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



Use  
**S38**  
With a power of 30 JOULES

**S38: Pages 11-14**

Frequency: 2950 BLOWS/min  
Air consumption: 9,88 CFM  
Tools: 0,55''  
(All tools page 19)

## FLOORING AND ROOFING WORKS

WATERPROOFING / FIRE-RESISTANT COATING /  
RESIN / EXCAVATION / REFRACTORY COATING



Use  
**S55**  
With a power of 35 JOULES

**S55: Pages 15-18**

Frequency: 2250 BLOWS/min  
Air consumption: 10,59 CFM  
Tools: 0,7''  
(All tools page 20)

## EXCAVATION WORKS

EXCAVATION / VACUUM TRUCK

# STRIPPING: S24

## LIGHT STRIPPING

WOOD / FACADE / TANK /  
COAT / STONE.

**AIR CONSUMPTION:** 7,41 CFM  
**TOOL SHANK:** HEXAGONAL 0,55"  
**POWER:** 11,06 ft·Lbf  
**FREQUENCY:** 4750 BLOWS/min  
**PRESSURE:** 90 PSI

## S24 V1 COMPACT



**WEIGHT:** 5,07 lbs  
**LENGTH:** 11,41"

V1





## S24 V1 SHORT



WEIGHT: 6,17 lbs  
LENGTH: 19,68"

V1

## S24 V1 MEDIUM



WEIGHT: 7,27 lbs  
LENGTH: 33,85"

V1



## KIT Compact / Peeling & Removing

S24® delivered in a heavy duty protective case:

- 1 delta knife 3" sharpened / Ref. 07030142
- 1 chisel 1 1/2" / Ref. 07030180
- 1 in-line oiler / Ref. 08020061
- 1 oil-bottle / Ref. 08020020
- 1 PPE kit / Ref. 05030024



07030124 S24 V1 COMPACT KIT

07030224 S24 V1 SHORT KIT

07030223 S24 V1 MEDIUM KIT

# STRIPPING: S36

## BUILDING RENOVATION

ASBESTOS / TILES /  
PLASTER / CARPET

**AIR CONSUMPTION:** 8,82 CFM  
**TOOL SHANK:** HEXAGONAL 0,55"  
**POWER:** 18,43 ft-lbf  
**FREQUENCY:** 3500 BLOWS/min  
**PRESSURE:** 90 PSI

### S36 V1 SHORT



**ANTI-VIBRATION:** NOZZLE HEAD  
**WEIGHT:** 7,49 lbs  
**LENGTH:** 20,47"

V1

### S36 V2 SHORT



**ANTI-VIBRATION:** NOZZLE HEAD & HANDLE  
**WEIGHT:** 9,03 lbs  
**LENGTH:** 19,68"

V2





## S36 V1 MEDIUM



**ANTI-VIBRATION:** NOZZLE HEAD **V1**  
**WEIGHT:** 8,81 lbs  
**LENGTH:** 34,64"

## S36 V2 MEDIUM



**ANTI-VIBRATION:** NOZZLE HEAD & HANDLE **V2**  
**WEIGHT:** 11,24 lbs  
**LENGTH:** 33,85"

## S36 V2 LONG



**ANTI-VIBRATION:** NOZZLE HEAD & HANDLE **V2**  
**WEIGHT:** 12,78 lbs  
**LENGTH:** 46,85"

## KIT Renovation

S36® delivered in a heavy duty protective case:

- 1 delta knife 3" / Ref. 07030135
- 1 chisel 1 1/2" / Ref. 07030180
- 1 pointed chisel / Ref. 07030161
- 1 in-line oiler / Ref. 08020061
- 1 oil-bottle / Ref. 08020020
- 1 PPE kit / Ref. 05030024



07060015	S36 V1 SHORT RENOVATION KIT
07070510	S36 V2 SHORT RENOVATION KIT
07060016	S36 V1 MEDIUM RENOVATION KIT
07070600	S36 V2 MEDIUM RENOVATION KIT
07030223	S36 V2 LONG RENOVATION KIT

# STRIPPING: S38

## INDUSTRIAL STRIPPING

MIXER / TRUCK MIXER /  
CONVEYOR / MOLDS

**AIR CONSUMPTION:** 9,88 CFM  
**TOOL SHANK:** HEXAGONAL 0,55"  
**POWER:** 22,12 ft·lbf  
**FREQUENCY:** 2950 BLOWS/min  
**PRESSURE:** 90 PSI

### S38 V1 SHORT



**ANTI-VIBRATION:** NOZZLE HEAD  
**WEIGHT:** 8,37 lbs  
**LENGTH:** 20,47"

V1

### S38 V2 SHORT



**ANTI-VIBRATION:** NOZZLE HEAD & HANDLE  
**WEIGHT:** 9,7 lbs  
**LENGTH:** 20,86"

V2





## S38 V1 MEDIUM



**ANTI-VIBRATION:** NOZZLE HEAD  
**WEIGHT:** 9,25 lbs  
**LENGTH:** 35,03"

V1

## S38 V2 MEDIUM



**ANTI-VIBRATION:** NOZZLE HEAD & HANDLE  
**WEIGHT:** 11,9 lbs  
**LENGTH:** 34,64"

V2

## KIT Removing & Demolition

S38® delivered in a heavy duty protective case:

- 1 chisel 0,98" / Ref. 07030175
- 1 chisel 1 1/2" / Ref. 07030180
- 1 pointed chisel / Ref. 07030161
- 1 in-line oiler / Ref. 08020061
- 1 oil-bottle / Ref. 08020020
- 1 PPE kit / Ref. 05030024



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



PARIS  
C/NO  
MADE IN TAIWAN  
R. O. C.

Canon

i-SENSYS

FAX-L140

LAZER FAX

SALOMON



## S38 V1 LONG



**ANTI-VIBRATION:** NOZZLE HEAD  
**WEIGHT:** 11,68 lbs  
**LENGTH:** 44,48"

V1

## S38 V2 LONG



**ANTI-VIBRATION:** NOZZLE HEAD & HANDLE  
**WEIGHT:** 13,44 lbs  
**LENGTH:** 46,85"

V2

## KIT Floor Removing

S38® delivered in a heavy duty protective case:

- 1 carpet knife [01] / Ref. 07030204
- 2 extra steel blades [02] / Ref. 07030222
- 1 chisel 1,96" [03] / Ref. 07030256
- 1 in-line oiler [06] / Ref. 08020061
- 1 oil-bottle [08] / Ref. 08020020
- 1 PPE kit [09] / Ref. 05030024

## KIT Floor Demolition

S38® delivered in a heavy duty protective case:

- 1 chisel 1,57" [04] / Ref. 07030180
- 1 chisel 0,98" [05] / Ref. 07030175
- 1 pointed chisel [10] / Ref. 07030161
- 1 in-line oiler [06] / Ref. 08020061
- 1 oil-bottle [08] / Ref. 08020020
- 1 PPE kit [09] / Ref. 05030024



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





# STRIPPING: S55

## FLOOR WORKS

WATERPROOFING / RESIN /  
EXCAVATION

**AIR CONSUMPTION:** 10,59 CFM

**TOOL SHANK:** HEXAGONAL 0,7"

**POWER:** 25,81 ft·lbf

**FREQUENCY:** 2250 BLOWS/min

**PRESSURE:** 90 PSI





## S55 V1 LONG



**ANTI-VIBRATION:** NOZZLE HEAD  
**WEIGHT:** 13,66 lbs  
**LENGTH:** 46,06"

V1

## S55 V2 LONG



**ANTI-VIBRATION:** NOZZLE HEAD & HANDLE  
**WEIGHT:** 14,99 lbs  
**LENGTH:** 48,42"

V2

## KIT Floor Removing

S55® delivered in a heavy duty protective case:

- 1 carpet knife (01) / Ref. 07030239
- 2 extra steel blades (02) / Ref. 07030222
- 1 delta knife 5,9" curved (03) / Ref. 07030240
- 1 asphalt chisel (04) / Ref. 07030245
- 1 chisel 1,96" (05) / Ref. 07030255
- 1 in-line oiler (06) / Ref. 08020061
- 1 Fitting claw (07) / Ref. 08020009
- 1 oil-bottle (08) / Ref. 080200020
- 1 PPE kit (09) / Ref. 05030024

## KIT Floor Demolition

S55® delivered in a heavy duty protective case:

- 1 delta knife 5,9" curved (03) / Ref. 07030240
- 1 chisel 1,96" (05) / Ref. 07030255
- 1 pointed chisel (10) / Ref.07030285
- 1 in-line oiler (06) / Ref. 08020061
- 1 Fitting claw (07) / Ref. 08020009
- 1 oil-bottle (08) / Ref. 080200020
- 1 PPE kit (09) / Ref. 05030024



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



# EXCAVATION: S55T & S55D

## S55 T



V2

**ANTI-VIBRATION:**  
NOZZLE HEAD & HANDLE  
**WEIGHT:** 13 lbs  
**LENGTH:** 32,28"



## S55 D



V2

**ANTI-VIBRATION:**  
NOZZLE HEAD & HANDLE  
**WEIGHT:** 12,56 lbs  
**LENGTH:** 32,08"



## KIT Excavation

S55® delivered in a heavy duty protective case:

- 1 spade 5,9" / Ref. 07030164
- 1 chisel 1,96" / Ref. 07030255
- 1 in-line oiler / Ref. 08020061
- 1 Fitting claw / Ref. 08020009
- 1 oil-bottle / Ref. 08020020
- 1 PPE kit / Ref. 05030024



07070550

S55T EXCAVATION KIT

07080750

S55D EXCAVATION KIT



# SAFEDIG: SD70 AIR EXCAVATOR

EXCAVATION IN URBAN AREAS REQUIRES SAFE METHODS FOR WORKING AROUND BURIED GAS AND ELECTRIC INFRASTRUCTURE.

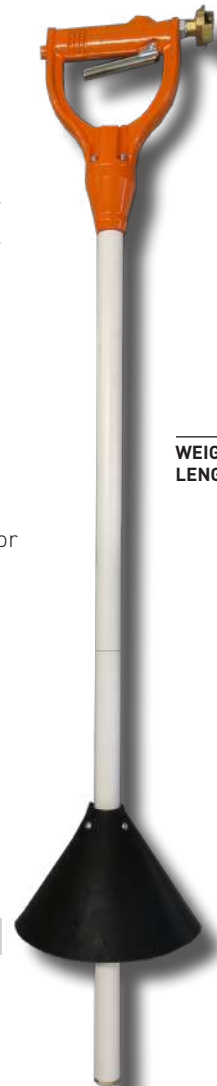
**AIR CONSUMPTION:** 70,62 CFM  
**TUBE DIAMETER:** 1,18"  
**PRESSURE:** BETWEEN 101,52 - 145,03 PSI  
**ELECTRIC ISOLATION:** 40 000 VOLT

## PERFORMANCE

- Lightweight, insulated barrel.
- Special non sparking nozzle accelerates and directs air accurately to the target area leaving adjacent areas undisturbed.
- Adjustable Cone to protect operator from debris.

## SAFETY

- Controlled, safe excavation.
- Removes risks associated with manual digging.
- Reduces fatigue with zero vibration and removes the need for heavy manual work.



**WEIGHT:** 5,51 lbs  
**LENGTH:** 50"



07090000

SAFEDIG SD70 AIR EXCAVATOR

# TOOL SELECTOR



## FOR TOOLS S24, S36, S38 HEXAGONAL SHANK 0,55"

		Light demolition	Chiseling	Removing very hard coatings	Renovation	Removing of crumbling coatings	Removing of soft coatings	Roughening and leveling	Cutting of bituminous coatings	Wood working	Excavation	Mortar raking	Removing parquet
07030161	01. Pointed chisel hexagonal	X											
07030175	02. Chisel 0,98"	X	X	X									
07030156	03. Chisel 1,37" with carbide teeth											X	
07030180	04. Chisel 1,57"		X	X	X	X							
07030256	05. Chisel 1,96"			X	X	X			X				
07030266	06. Chisel 3,14"			X	X	X			X				
07030135	07. Delta knife 3,14" straight			X	X	X	X		X				
07030142	08. Delta knife 3,14" straight sharpened									X			
07030145	09. Delta knife 4,72" straight				X	X	X						
07030150	10. Delta knife 4,72" curved				X	X	X						
07030147	11. Delta knife 5,9" curved				X	X	X						
07030204	12. Carped knife steel						X						
07030222	13. Blade steel						X						
07030210	14. Toothed blade												X
07030195	15. Bushing tool holder							X					
07030191	16. Bushing tool 16 steel teeth							X					





## HIGH QUALITY TOOLING

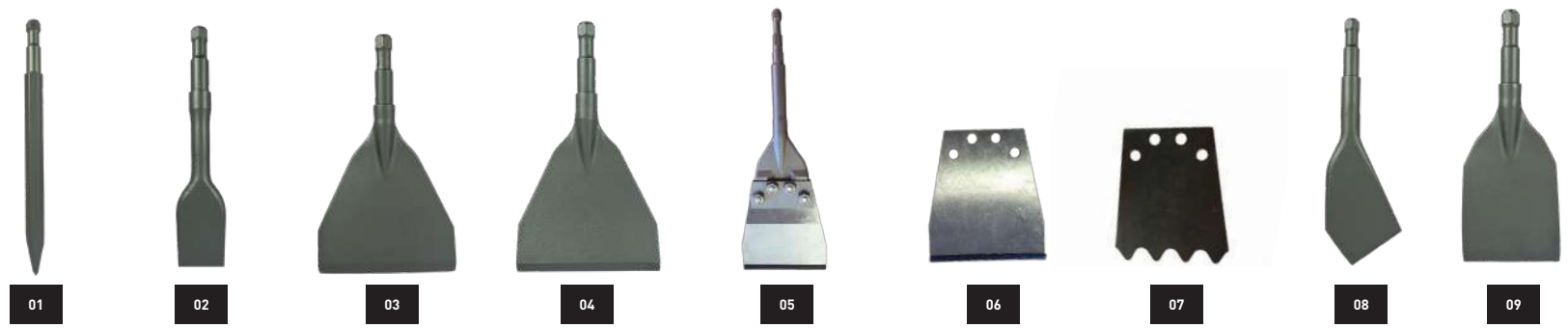
The quality of our tools along with their continuous development is appreciated by professional users throughout many industries and applications.

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

The chisel retainer offers an easier, safer and faster change of tools. According to their needs, the user will adapt the choice to the requested impact angle. Several applications for a single device.

The wide range of sizes, angles and blades provides a versatile range of options to ensure maximum productivity for each application.

- Wide and low impact angle chisels and blades protect the substrate and quickly strip and remove delaminating and brittle materials.
- A range of chisel widths allows the impact to be tailored to the hardness of the material, narrow chisels able to break and fracture hard materials while wider blades make fast work of many materials.



### FOR S55 HEXAGONAL SHANK 0,7"

		Light demolition	Chiseling	Removal very hard coatings	Renovation	Removal of crumbling coatings	Removal of soft coatings	Cutting of bituminous coatings	Excavation	Removal parquet	Cutting asphalt
07030285	01. Pointed chisel hexagonal	X									
07030255	02. Chisel 1,96"		X	X	X	X					
07030235	03. Delta knife 5,9" straight				X	X	X				
07030240	04. Delta knife 5,9" curved				X	X	X				
07030239	05. Carped knife steel						X				
07030222	06. Blade steel						X	X			
07030210	07. Toothed blade steel									X	
07030245	08. Asphalt knife 3,14"							X			X
07030164	09. Spade 5,9" x 11,81"								X		



# COMPRESSORS & ACCESSORIES

## COMPRESSOR

### MABI B3800

**TANK:** 2x2,90 gal  
**FLOW:** 11,12 CFM  
**MAX PRESSURE:** 101,52 PSI  
**POWER:** 2.2 KW  
**WEIGHT:** 165,34 lbs  
**SIZE:** 35,43" x 25,59" x 31,88"

Reminder: MABI tools air require:  
S24: 7,41 CFM  
S36: 8,82 CFM  
S38: 9,88 CFM  
S55: 10,59 CFM

Recommended for: 90 PSI

08010150



## PNEUMATIC HOSE 82FT



Air hose with fast brass fittings -  
pressure max 290,07 PSI.

08020003

## IN-LINE OILER



Inline oiler with fast fittings (connect inline oiler after  
tools small hose)

08020061





## HEALTH

The risk of injury to workers has become an important factor in the choice of equipment by contractors and equipment suppliers alike. Musculoskeletal Disorders (MSD's) such as Hand Arm Vibration Syndrome are a significant occupational hazard.

With its Patented Anti-Vibration systems the MABI Tool range offers a high reduction in vibration. Combined with the unique construction utilising special materials, chosen for their combination of lightweight and strength, MABI tools improve working conditions through optimised ergonomics.

With respect to European Council Directives 2002/44/ EC MABI set about developing our patented Anti Vibration systems alongside the UTBM, one of Frances most highly respected engineering institutions.

Our 2 stage Anti Vibration system fitted to all V2 models features one patented dampening system in the handle along with the original V1 system in the tool head. Combined these produce a 60% reduction in vibration emissions.

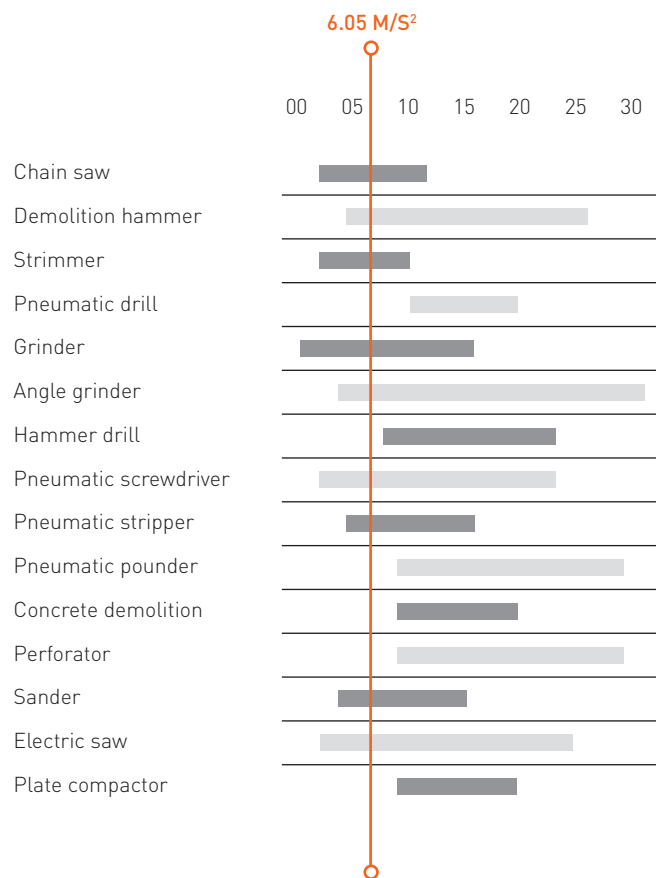
The S36, tested on a Triple Axis meter by the French National Development Centre (LNE) resulted in a maximum vibration level of 6.05m/s<sup>2</sup>.

The graph opposite compares the S36 with other tools (Extracted from good practice guide "GUIDE DE BONNES PRATIQUES") in order to provide guidance on the European Council Directives 2002/44/ EC related to the minimum hygiene and safety requirements for employees exposure to physical risks such as vibration.

## EFFICIENCY

Tests performed with customers on site, confirms the significant benefits and the level of efficiency provided by the alliance between ergonomics and the power that the MABI tools product range offers.

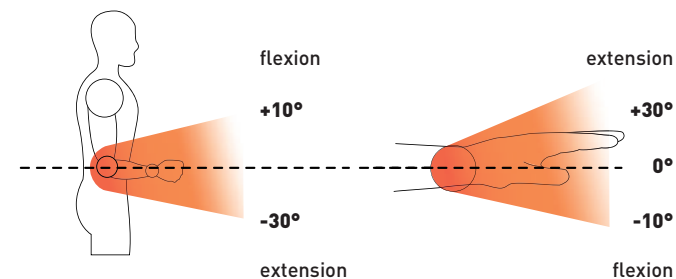
ESTIMATION OF RISKS and wrist Comparison of vibration levels of common and authorised tools in the European Market.

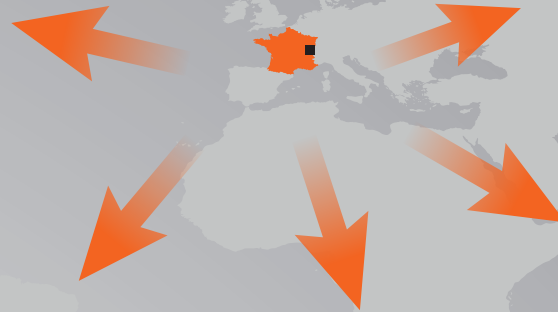


## COMFORT

Working closely with End users has allowed MABI to optimise our tools to the workers needs providing an optimal working position for the comfort of the back, shoulder and elbow.

Angles for comfort





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



FRENCH MANUFACTURER



3 PATENTS FILING



50 YEARS EXPERIENCE

**MABI** SARL

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