

## Welcome to the 2016/2017 catalogue

*Dear Customer,*

*Thank you for your interest in CMT products.*

*Take a moment to browse our new catalogue and choose from a wider range of innovative and state-of-the-art woodworking tools, from router bits, saw blades, jig and sabre saw blades, hole saws, and boring bits to oscillating tools, CNC cutters, cutter heads, chucks, power tools, and so much more!*

*A detailed list of spare parts on each product category is also provided to guide you through your purchase.*

*We continually strive to develop our technical know-how and invest in research and development, but our priority is customer care.*

*A satisfied customer is worth more than any other achievement, therefore each page of this catalog contains CMT's highest commitment to the professional woodworker.*

*Should you not find a product that suits your needs, please let us know.*

*Our highly skilled engineers and design technicians are always keen to assist you with your woodworking operations.*

*Thank you for your interest in CMT Orange Tools.*

*Your CMT Team*

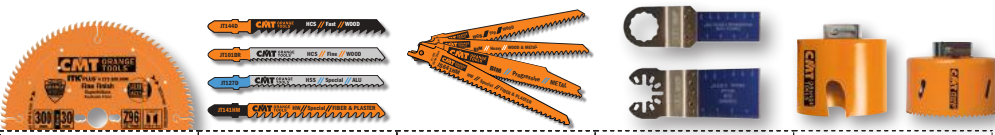


## Abbreviations

<b>A</b>	= Cutting angle	<b>Inches</b>	= Inches
$\alpha$	= Hook angle	<b>K</b>	= Kerf thickness
<b>ATB</b>	= Alternate top bevel grind	<b>L</b>	= Overall length
<b>B</b>	= Bore diameter	<b>L<sub>1</sub></b>	= Working length
$\beta$	= Type of grind	<b>LB</b>	= Adjusting length
<b>COMBI3</b>	= Pin-Hole 2/7/42 + 2/9/46,4 + 2/10/60	<b>LH</b>	= Left-hand rotation
<b>COMBI5</b>	= Pin-Hole 2/7/110 + 2/8,4/130 + 2/14/110 + 4/9/100 + 4/19/120	<b>MATB</b>	= Alternate top bevel with chamfer grind
<b>COMBI7</b>	= Pin-Hole 2/10/80 + 1/11/85 + 2/11/115 + 2/11/148 + 2/14/100 + 2/14/125 + 2/19/120	<b>MTCG</b>	= Triple chip grind (trapezoidal) with chamfer
<b>d</b>	= Small cutting diameter	<b>mm</b>	= Millimeters
<b>D</b>	= Diameter	<b>P</b>	= Plate thickness
<b>D<sub>2</sub></b>	= Overall diameter	<b>PTFE</b>	= Non-stick industrial coating, black and orange
<b>D<sub>3</sub></b>	= For shank diameter	<b>R</b>	= Radius
$\emptyset$	= Diameter	<b>R<sub>1</sub></b>	= Radius
<b>FFT</b>	= Flat flat trapezoidal	<b>RH</b>	= Right-hand rotation
<b>FTG</b>	= Flat top grind	<b>RPM</b>	= Round per minute
<b>FWF</b>	= Flat with alternate chamfer	<b>S</b>	= Shank diameter
<b>H</b>	= Cutting depth	<b>S<sub>1</sub></b>	= Shank diameter
<b>HDF</b>	= Hollow ground teeth	<b>T<sub>1</sub></b>	= Thickness / Maximum joint thickness
<b>I</b>	= Cutting length	<b>TCG</b>	= Triple chip grind (trapezoidal)
<b>l<sub>1</sub></b>	= Short cutting length	<b>V</b>	= Spurs
		<b>Z</b>	= Number of teeth
		$\square$	= On request
		$\bullet$	= Solid tungsten carbide

## THE RIGHT TOOLS FOR THE BEST RESULTS!

Quick reference charts and pictograms help you choose the right tools for your application.



	SAW BLADES	JIG SAW BLADES	SABRE SAW BLADES	MULTI-CUTTERS	HOLE SAWS
<b>WOOD</b>					CARBIDE
<b>WOOD &amp; METAL</b>			✓	✓	
<b>METAL</b>					BI-METAL
<b>ALUMINIUM</b>					
<b>MULTI-MATERIAL</b>					
<b>PLASTIC</b>					
<b>MASONRY</b>					DIAMOND
<b>SPECIAL</b>					

## SINCE 1962 - MADE IN ITALY THEN, STILL MADE IN ITALY TODAY

By now, the story has been told. After over 50 years of success and quality in manufacturing woodworking tools - orange woodworking tools, to be precise - word just sort of gets around. We have grown and we have changed, but one thing still remains the same: our commitment to making only the highest quality woodworking tools.



Pesaro, Italy



Greensboro, United States



Valencia, Spain

**NEW! CMT Global Web Site!**

- Full line catalogue available on line
- Instructional video on select products
- Instruction manuals available for download
- Listing of authorized CMT distributors
- Company history, tech information, testimonials and more!

**CMT ORANGE TOOLS**

**THE ART OF CUTTING**

Market Area: Where are you from?

Language: Choose favourite:

News: IWF 2008 - August 20-23, 2008 Atlanta [More news](#)

**OUR TOOLS** So, what does it take to make a CMT tool? Like all things of quality, it's not only what you do but how you do it. And anyone who works wood knows that you get out of a piece only what you put into it, and it is no different when manufacturing a tool. You choose your designs and materials carefully and you work using all of your skill and know-how. You'll be happy to know that's what we do at CMT too.

## DESIGN

Everything starts with a clear idea and having the potential to express it. We have both. At CMT, our technical department uses the best of both worlds - computer technology and hands-on experience - to engineer and design each tool so that it performs flawlessly each time you use it, and to guarantee that you'll be using it for a long, long time.

## MATERIALS

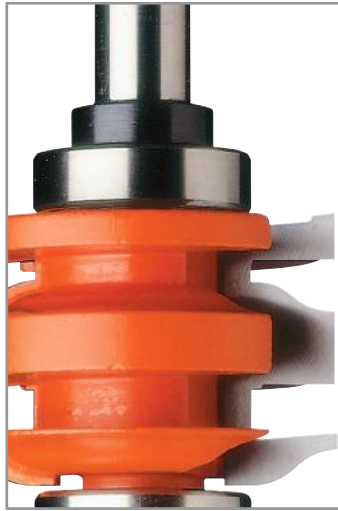
Turning a design into a finished product means finding the right material that will do the job and that lives up to the specifications set out in the design - quality performance from the final product depends on it. When it comes to selecting raw materials, we don't cut corners. At CMT, we know that high quality tools come only from high quality raw materials, so we use only solid bar stock steel and specially formulated micrograin carbide to manufacture our bits and blades.

## MANUFACTURING

Like we said, it's not just what you do but how you do it. Over the years we have continuously invested in the latest technology in CNC machining equipment and innovative software to manufacture our tools. The result is that now our entire manufacturing process, from turning and milling the steel shanks to brazing and sharpening the carbide cutting tips, is completely automated. And since a machine is only as intelligent as the person using it, everything is operated by specifically trained operators.

## THE FINAL TOUCH

A tool simply wouldn't be a CMT tool if it didn't have the trademark orange color non-stick PTFE coating on it. This unique industrial-strength surface coating is designed to withstand the physical stresses the tool undergoes during use while protecting it from residue build-up and burning. And we really like the orange color too.



## QUALITY CONTROL

Nobody's perfect, but we're trying. CMT uses rigorous quality control programs and equipment to ensure that each bit has been manufactured with precision and accuracy and that it will give the long-lasting performance you expect from a CMT orange tool. CMT is in the process of adopting the directives set out in ISO 9001 which will give SPC quality control by an independent party under the Common Market Directives ISO 9001. Quality control is the final step of the production process, but it's just as important as the first.

## WE RECYCLE

The water used during production must be pure and free from contaminants or hard minerals like iron or calcium which can build up and damage the machinery. CMT filters and purifies its water using a reverse osmosis system located inside the plant. Also the oil used in grinding and machining our tools must be clean and absolutely free of contaminants. Clean oil, after enough use, gets dirty, so we filter and reprocess dirty oil on the premises. This is our way of guaranteeing the quality of the oil we use, as well as contributing to help protect the environment.

## OUR TRADEMARK COLOR ORANGE

As the story goes, we began small. We also put orange color surface coating on our tools, then we put our tools on the market and soon our orange tools were all over the world. Now, any woodworker anywhere in the world can tell you that orange tools means CMT, and that CMT means quality. Here at CMT we know we produce quality. You should too. That's why we have trademarked the color orange on woodworking tools - it's your guarantee that you are getting a genuine high-quality CMT product.



Loading the automated multi-axis CNC sharpening machines.



Fully automated assembly and marking.



# QUALITY MATERIALS FOR MAXIMUM PRODUCTIVITY

Produced by following state-of-the-art processes, using high-tech machines and premium quality raw materials, these sabre saw blades have been specifically designed to ensure maximum lifetime and performance in all materials.

new



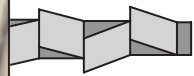
## The importance of geometry

### GROUND & TAPER GROUND TEETH



Easily cut construction wood, plywood, framing lumber and plastic.

### MILLED & SIDE SET TEETH



For quick and Xtreme cuts into soft or hardwood, aluminium, plastic, ferrous and non-ferrous metal.

### MILLED & WAVY SET TEETH



For fine and precise cuts into thin and thick metal, pipe, open and closed profiles.

**HCS** **High Carbon Steel**  
Use for cutting wood and plastic.

**BIM** **Bi-Metal with 8% Cobalt**  
Premium bi-metal with 8% cobalt provides Xtreme results in performance and lifetime when cutting metal, nail embedded wood and plastic.

**HW** **Tungsten Carbide Tipped**  
Use for cutting fiber cement board, brick and porous concrete.

## THE RIGHT BLADE FOR THE BEST RESULTS!

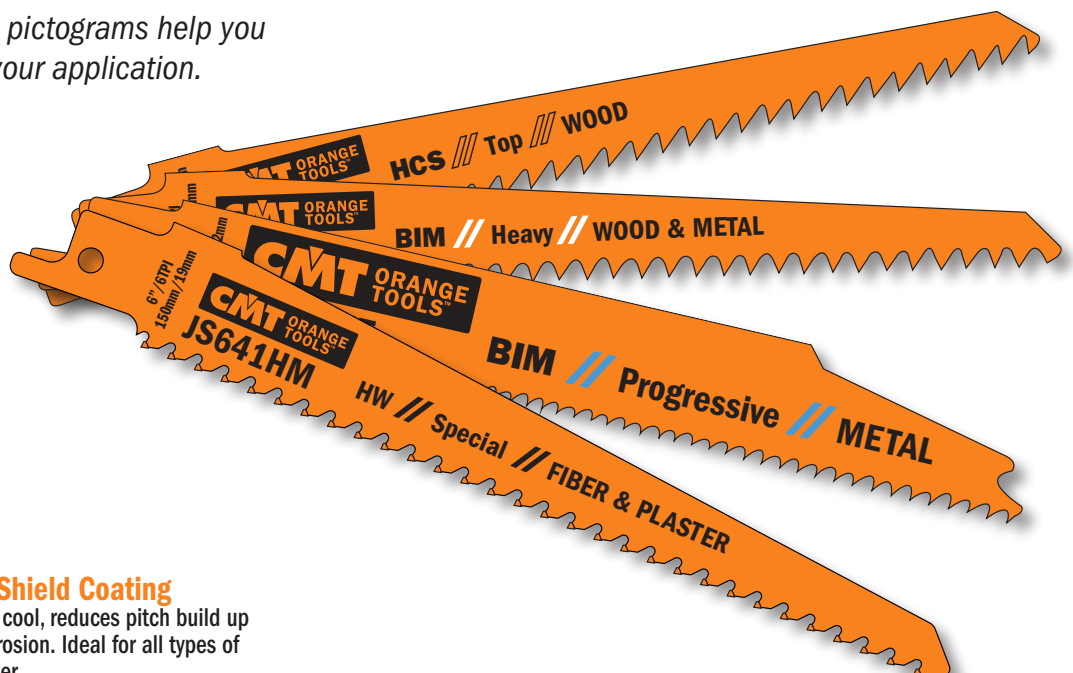
Quick reference charts and pictograms help you choose the right blade for your application.

Wood

Wood & Metal

Metal




Special



**Non-Stick Orange Shield Coating**  
Keeps the blade running cool, reduces pitch build up and protects against corrosion. Ideal for all types of wood including wet lumber.

Sabre Saw Blades Application Chart











Series	Material	Material Thickness  mm	Line	L	Fine Straight 	Coarse Straight 	Curve 	Fine Angle Cut  Accurate angle cut	Flush Cut  Flush cut	Thin & Thick 	Demolition 	TPI	Page
WOOD	Coarse wood (free of nails)	<100	Basic			JS617K	JS617K					3	56
	Pruning green wood	<175	Basic			JS1111K						3	56
	Coolant: dry	<190	Top			JS1531L						5	56
	MAX RPM 2500	<250	Basic			JS1617K						3	56
	Construction wood	<100	Top	150	JS644D		JS644D					6	56
	Coolant: dry	<150	Progressive	200	JS2345X					JS2345X		6~10	57
	MAX RPM 2500	<150	Pallet	200	JS725VFR			JS725VFR		JS725VFR	JS725VFR	8~12	57
	Boards	<60	Top	150	JS644D		JS644D					6	56
	Coolant: dry	<60	Progressive	200	JS2345X					JS2345		6~10	57
	MAX RPM 2500	<60	Pallet	200	JS725VFR			JS725VFR		JS725VFR		8~12	57
	Wooden wall cutout	<100	Top	150	JS644D		JS644D					6	56
	Coolant: dry	<150	Progressive	200	JS2345X					JS2345X		6~10	57
	MAX RPM 2500	<150	Pallet	200	JS725VFR			JS725VFR		JS725VFR	JS725VFR	8~12	57
		<190	Top	240		JS1531L						5	56
WOOD & METAL	Plastic	<100	Top	150	JS644D		JS644D					6	56
	Coolant: water MAX RPM 500	<150	Progressive	200	JS2345X					JS2345X		6~10	57
	Wood with nails/metal	<100	Flexible	150	JS922HF							10	57
	Coolant: dry	<100	Flexible	150	JS922VF							10~14	58
	MAX RPM 2500	<100	Heavy	150	JS641HM	JS611DF	JS711DF					6	58,60
		<100	Heavy	150		JS610VF		JS610VF			JS610VF	5~8	59
		<150	Progressive	200		JS3456XF				JS3456XF		6~12	57
		<150	Pallet	200	JS725VFR			JS725VFR		JS725VFR	JS725VFR	8~12	57
		<175	Flexible	225	JS1122HF				JS1122HF			10	57
		<175	Flexible	225	JS1122VF				JS1122HF			10~14	58
		<175	Heavy	225		JS1111DF						6	59
		<175	Heavy	225		JS1110VF		JS1110VF			JS1110VF	5~8	59
		<250	Flexible	300	JS1222VF				JS1222VF			10~14	58
		<250	Heavy	300		JS1210VF		JS1210VF			JS1210VF	5~8	59
		<250	Heavy	300		JS1411DF						6	59
	Pallets	<100	Flexible	150	JS922HF	JS641HM						10	57,60
	Coolant: dry	<150	Pallet	200	JS725VFR			JS725VFR		JS725VFR	JS725VFR	8~12	57
	MAX RPM 2500	<175	Flexible	225	JS1122HF				JS1122HF			10	57
	Wood, chipboard	<100	Heavy	150		JS611DF	JS711DF					6	58
	Coolant: dry	<100	Heavy	150		JS610VF		JS610VF			JS610VF	5~8	59
	MAX RPM 2500	<150	Progressive	200		JS3456XF				JS3456XF		6~12	57
		<150	Pallet	200	JS725VFR			JS725VFR		JS725VFR	JS725VFR	8~12	57
		<175	Heavy	225		JS1111DF						6	59
		<175	Heavy	225		JS1110VF		JS1110VF			JS1110VF	5~8	59
		<250	Heavy	300		JS1210VF		JS1210VF			JS1210VF	5~8	59
		<250	Heavy	300		JS1411DF						6	59
	Sheet metals	3~10	Flexible	150	JS922VF							10~14	58
	Coolant: cutting oil	3~10	Flexible	225	JS1122VF				JS1122HF			10~14	58
	MAX RPM 500~2000	3~10	Flexible	300	JS1222VF				JS1222HF			10~14	58
		3~18	Progressive	200		JS3456XF				JS3456XF		6~12	57
	Pipes, profiles	<100	Flexible	150	JS922VF							10~14	58
	Coolant: cutting oil	<150	Progressive	200		JS3456XF				JS3456XF		6~12	57
	MAX RPM 1500	<175	Flexible	225	JS1122VF				JS1122HF			10~14	58
		<250	Flexible	300	JS1222VF				JS1222VF			10~14	58
	Plastic, pipes, profiles	<100	Heavy	150		JS611DF	JS711DF					6	58
	Coolant: water	<150	Progressive	200		JS3456XF				JS3456XF		6~12	57
	MAX RPM 500	<175	Heavy	225		JS1111DF						6	59
		<250	Heavy	300		JS1411DF						6	59
	Glass fiber reinforced plastic/epoxy	<50	Heavy	150		JS611DF	JS711DF					6	58
	Coolant: water	<60	Heavy	300		JS1411DF						6	59
	MAX RPM 500	<60	Heavy	150		JS610VF		JS610VF			JS610VF	5~8	59
		<60	Heavy	225		JS1111DF						6	59
		<60	Heavy	225		JS1110VF		JS1110VF			JS1110VF	5~8	59
		<100	Flexible	150	JS922VF	JS641HM						10~14	58,60
		<150	Progressive	200		JS3456XF				JS3456XF		6~12	57
		<175	Flexible	225	JS1122VF				JS1122HF			10~14	58
		<250	Flexible	300	JS1222VF				JS1222VF			10~14	58
		<250	Heavy	300				JS1210VF			JS1210VF	5~8	59

Tip: Using a lubricant can extend blade lifetime up to 500%.

# Sabre Saw Blades Application Chart

new

**CMT ORANGE TOOLS™**

Series	Material	Material Thickness 	Line	L	Fine Straight 	Coarse Straight 	Curve 	Fine Angle Cut 	Flush Cut 	Thin & Thick 	Demolition 	TPI	Page
<b>METAL</b>	Sheet, perforated metals, (thin & thick) Coolant: cutting oil MAX RPM 500~2000	0,7~3	Flexible	150	JS922AF							24	60
		0,7~3	Flexible	225	JS1122AF				JS1122AF			24	60
		1~8	Progressive	150	JS123XF					JS123XF		8~14	61
		1,5~4	Flexible	150	JS922EF							18	60
		1,5~4	Flexible	225	JS1122EF				JS1122EF			18	60
		2~10	Heavy	150	JS925VF						JS925VF	10~14	61
		2~10	Heavy	200	JS1025VF						JS1025VF	10~14	61
		2~10	Heavy	225	JS1125VF						JS1125VF	10~14	61
		2~10	Heavy	300	JS1225VF						JS1225VF	10~14	62
		3~8	Flexible	150	JS922BF							14	61
		3~8	Flexible	225	JS1122BF				JS1122BF			14	61
		4~12	Heavy	150		JS920CF		JS920CF			JS920CF	9	62
		4~12	Heavy	225		JS1120CF		JS1120CF			JS1120CF	9	62
	Pipes, profiles, thin-walled (open & closed) Coolant: cutting oil MAX RPM 500~2000	<100	Flexible	150	JS922AF							24	60
		<100	Flexible	150	JS922EF							18	60
		<100	Progressive	150	JS123XF					JS123XF		8~14	61
		<100	Heavy	150	JS925VF						JS925VF	10~14	61
		<150	Heavy	200	JS1025VF						JS1025VF	10~14	61
		<175	Flexible	225	JS1122AF				JS1122AF			24	60
		<175	Flexible	225	JS1122EF				JS1122EF			18	60
		<175	Heavy	225	JS1125VF						JS1125VF	10~14	61
		<250	Heavy	300	JS1225VF						JS1225VF	10~14	62
	Pipes, profiles, thick-walled (open & closed) Coolant: cutting oil MAX RPM 500~2000	<100	Flexible	150	JS922BF							14	61
		<100	Progressive	150	JS123XF					JS123XF		8~14	61
		<100	Heavy	150	JS925VF						JS925VF	10~14	61
		<100	Heavy	150		JS920CF		JS920CF			JS920CF	9	62
		<150	Heavy	200	JS1025VF						JS1025VF	10~14	61
		<175	Flexible	225	JS1122BF				JS1122BF			14	61
		<175	Heavy	225	JS1125VF						JS1125VF	10~14	61
		<175	Heavy	225		JS1120CF		JS1120VF			JS1120CF	9	62
		<250	Heavy	300	JS1225VF						JS1225VF	10~14	62
	Pipes, profiles (solid) Coolant: cutting oil MAX RPM 500~2000	<100	Progressive	150	JS123XF					JS123XF		8~14	61
		<100	Flexible	150	JS922BF							14	61
		<100	Heavy	150		JS920CF		JS920CF			JS920CF	9	62
		<175	Flexible	225	JS1122BF					JS1122BF		14	61
		<175	Heavy	225		JS1120CF		JS1120CF			JS1120CF	9	62
<b>SPECIAL</b>	Plasterboard	<100	Heavy	150	JS641HM	JS611DF	JS711DF					6	58,60
	Fibre Cement panels	<215	Special	305		JS1243HM		JS1243HM				2	62
		<365	Special	455		JS2243HM		JS2243HM				2	62
	Porous concrete, red brick	<215	Special	305		JS1243HM		JS1243HM				2	62
		<365	Special	455		JS2243HM		JS2243HM				2	62

**Tip:** Using a lubricant can extend blade lifetime up to 500%.

## BLADES LINE DESCRIPTION

Different lines help you choose the ideal blade for optimal results!

- BASIC:** Cost effective
- FLEXIBLE:** Breakproof, long lifetime
- PROGRESSIVE:** Fast cutting through thin and thick material
- TOP:** Fast and efficient
- HEAVY:** Sturdy and precise

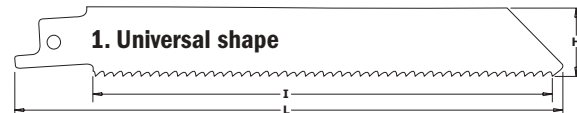
## 1/2" UNIVERSAL SHANK

Fits: AEG, B&D, Bosch, DeWalt, Fein, Flex, Hilti, Makita, Metabo, Milwaukee, Porter Cable, Ridgid, Rothenberger, Ryobi, Skil.



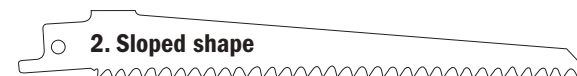
## BLADES SHAPES & THICKNESS

Sabre Saw Blades can be manufactured in many various shapes and thickness. Shape and thickness are adjusted to fit the application and required flexibility. Demanding applications such as cutting tube/pipe require thick blades, while less demanding applications require narrower blades. Blade shapes are divided into three categories below:



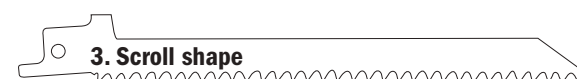
### 1. Universal shape

Universal blades are for general use. Their even width guarantees good cutting stability and excellent control. This enables straight edge cutting through many different materials.



### 2. Sloped shape

Sloped blades are commonly used for cutting wood and for demolition applications. Their narrow tip allows for plunge and curve cutting. This shape is rarely used for metal, since the tip does not have the strength required for this application.



### 3. Scroll shape

Scroll blades are especially used for curve cutting. The narrower the blade, the smaller the radius it can cut.



SAW BLADES

JIG SAW BLADES

SABRE SAW BLADES

TOOLS FOR MULTI-CUTTERS

TOOLS WITH BORE & KNIVES

ROUTER BITS & SETS

CNC ROUTER CUTTER & CHUCKS

INDUSTRIAL DOWEL DRILLS

BITS FOR HAND POWER TOOLS

HOLE SAW BLADES

POWER TOOLS & ACCESSORIES

DISPLAY CABINETS & SPARE PARTS

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## Sabre Saw Blades

new

**CMT** ORANGE TOOLS™

### JS617K

**WOOD** MILLED & SIDE SET TEETH GREAT VALUE BASIC CUT HCS



Cuts coarse wood, free of nails (<100mm), pruning green wood (diameter <100mm), excellent for curved and plunge cutting.

Pack Quantity	L mm	I mm	H mm	K mm	TS mm	TPI	ORDER NO.
5	150	130	19	1,25	8,5	3	JS617K-5



### JS1111K

**WOOD** MILLED & SIDE SET TEETH GREAT VALUE BASIC CUT HCS



Coarse wood, free of nails (<175mm), firewood (diameter <175mm).

Pack Quantity	L mm	I mm	H mm	K mm	TS mm	TPI	ORDER NO.
5	225	205	19	1,25	8,5	3	JS1111K-5



### JS1617K

**WOOD** MILLED & SIDE SET TEETH GREAT VALUE BASIC CUT HCS



Coarse wood, free of nails (<250mm), pruning green wood (diameter <250mm).

Pack Quantity	L mm	I mm	H mm	K mm	TS mm	TPI	ORDER NO.
5	300	280	19	1,25	8,5	3	JS1617K-5



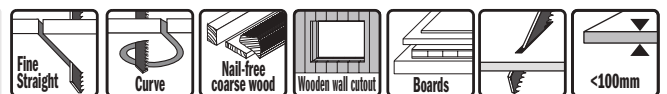
### JS644D

**WOOD** GROUND & TAPER GROUND TEETH FINE CUT HCS



Cuts construction wood (<100mm), wooden wall (<100mm), boards: chipboard, MDF (6-60mm), plywood, plastic (<100mm), excellent for plunge cuts.

Pack Quantity	L mm	I mm	H mm	K mm	TS mm	TPI	ORDER NO.
5	150	130	19	1,25	4,3	6	JS644D-5



### JS1531L

**WOOD** GROUND & TAPER GROUND TEETH FAST CUT HCS



Coarse wood, free of nails (<190mm), pruning green wood (diameter <190mm), firewood (diameter <190mm).

Pack Quantity	L mm	I mm	H mm	K mm	TS mm	TPI	ORDER NO.
5	240	220	19	1,50	5	5	JS1531L-5





## JS2345X

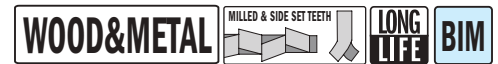


Cuts construction wood (<150mm), boards: chipboard, MDF (6-60mm), plywood, plastic (<150mm), wooden wall (<150mm). Effortless fine cutting.

Pack Quantity	L mm	I mm	H mm	K mm	TS mm	TPI	ORDER NO.
5	200	180	19	1,25	2,4-4	6-10	JS2345X-5

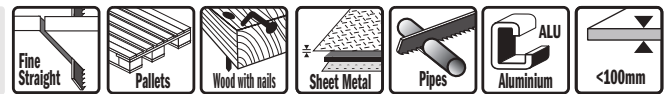


## JS922HF



For pallet repair, wood with nails/metal (<100mm), sheet metal, pipe, aluminium profiles (3-12mm).

Pack Quantity	L mm	I mm	H mm	K mm	TS mm	TPI	ORDER NO.
5	150	130	19	0,90	2,5	10	JS922HF-5

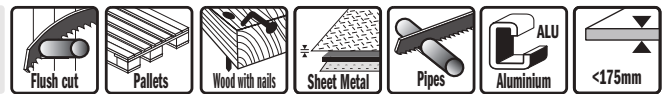


## JS1122HF



For pallet repair, wood with nails/metal (<175mm), sheet metal, pipe, aluminium profiles (3-12mm), flexible flush cut.

Pack Quantity	L mm	I mm	H mm	K mm	TS mm	TPI	ORDER NO.
5	225	205	19	0,90	2,5	10	JS1122HF-5
20	225	205	19	0,90	2,5	10	JS1122HF-20



## JS3456XF



Cuts wood with nails/metal, chipboard (<150mm), sheet metal, aluminium profiles (3-18mm), glass fiber reinforced plastic/epoxy (<150mm).

Pack Quantity	L mm	I mm	H mm	K mm	TS mm	TPI	ORDER NO.
5	200	180	19	1,25	2,1-4,3	6-12	JS3456XF-5



## JS725VFR



Special saw blade for pallet repairs. Cutting depth 150mm. Optimized saw blade dimensions for low vibration.

Pack Quantity	L mm	I mm	H mm	K mm	TS mm	TPI	ORDER NO.
5	200	180	19	1,27	2,1-3,2	8-12	JS725VFR-5
20	200	180	19	1,27	2,1-3,2	8-12	JS725VFR-20



SAW BLADES

JIG SAW BLADES

SABRE SAW BLADES

TOOLS FOR MULTI-CUTTERS

TOOLS WITH BORE & KNIVES

ROUTER BITS & SETS

CNC ROUTER CUTTER & CHUCKS

INDUSTRIAL DOWEL DRILLS

BITS FOR HAND POWER TOOLS

HOLE SAW BLADES

POWER TOOLS & ACCESSORIES

DISPLAY CABINETS & SPARE PARTS

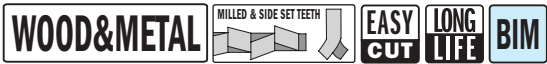
51 88

## Sabre Saw Blades

new

CMT ORANGE TOOLS™

### JS922VF

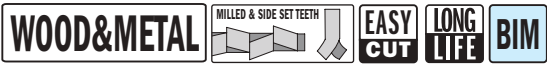


Cuts wood with nails/metal (<100mm), sheet metal, pipe, aluminium profiles (3-10mm), glass fiber reinforced plastic/epoxy (<100mm).

Pack Quantity	L mm	I mm	H mm	K mm	TS mm	TPI	ORDER NO.
5	150	130	19	0,90	1,8-2,6	10-14	JS922VF-5



### JS1122VF

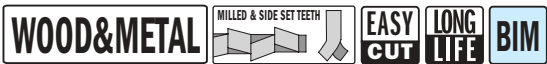


Cuts wood with nails/metal (<175mm), sheet metal, aluminium profiles (3-10mm), glass fiber reinforced plastic/epoxy (<175mm), flexible flush cut.

Pack Quantity	L mm	I mm	H mm	K mm	TS mm	TPI	ORDER NO.
5	225	205	19	0,90	1,8-2,6	10-14	JS1122VF-5



### JS1222VF

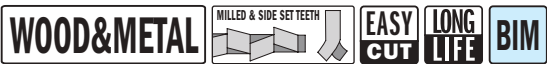


Cuts wood with nails/metal (<250mm), sheet metal, aluminium profiles (3-10mm), glass fiber reinforced plastic/epoxy (<250mm), flexible flush cut.

Pack Quantity	L mm	I mm	H mm	K mm	TS mm	TPI	ORDER NO.
5	300	280	19	0,90	1,8-2,6	10-14	JS1222VF-5



### JS611DF

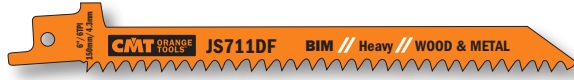


Cuts wood with nails/metal, chipboard (<100mm), plastic profiles (<100mm), glass fiber reinforced plastic/epoxy (<50mm), window frames: wood and metal, plasterboard, excellent for plunge cuts.

Pack Quantity	L mm	I mm	H mm	K mm	TS mm	TPI	ORDER NO.
5	150	130	19	1,25	4,3	6	JS611DF-5



### JS711DF



Cuts wood with nails/metal, chipboard (<100mm), glass fiber reinforced plastic/epoxy (<50mm), plasterboard, excellent for curved cuts.

Pack Quantity	L mm	I mm	H mm	K mm	TS mm	TPI	ORDER NO.
5	150	130	12	1,25	4,3	6	JS711DF-5



## JS1111DF



Cuts wood with nails/metal, chipboard (<175mm), plastic profiles (diameter <175mm), glass fiber reinforced plastic/epoxy (<50mm).

Pack Quantity	L mm	I mm	H mm	K mm	TS mm	TPI	ORDER NO.
5	225	205	19	1,25	4,3	6	JS1111DF-5



## JS1411DF



Cuts wood with nails/metal, chipboard (<250mm), glass fiber reinforced plastic/epoxy (<60mm).

Pack Quantity	L mm	I mm	H mm	K mm	TS mm	TPI	ORDER NO.
5	300	280	19	1,25	4,3	6	JS1411DF-5



## JS610VF



Cuts wood with nails/metal, wood, chipboard (<100mm), glass fiber reinforced plastic/epoxy and solid (<100mm), wall cut-outs: wood and metal (<100mm). Excellent for rescue/demolition work.

Pack Quantity	L mm	I mm	H mm	K mm	TS mm	TPI	ORDER NO.
5	150	130	22	1,60	3,2-5	5-8	JS610VF-5



## JS1110VF



Cuts wood with nails/metal, wood, chipboard (<175mm), glass fiber reinforced plastic/epoxy, and solid (<175mm), wall cut-outs: wood and metal (<175mm). Excellent for rescue/demolition work.

Pack Quantity	L mm	I mm	H mm	K mm	TS mm	TPI	ORDER NO.
5	225	205	22	1,60	3,2-5	5-8	JS1110VF-5



## JS1210VF



Cuts wood with nails/metal, wood, chipboard (<250mm), glass fiber reinforced plastic/epoxy (<250mm), wall cut-outs: wood and metal (<250mm). Excellent for rescue/demolition work.

Pack Quantity	L mm	I mm	H mm	K mm	TS mm	TPI	ORDER NO.
5	300	280	22	1,60	3,2-5	5-8	JS1210VF-5





## Sabre Saw Blades

new

**CMT ORANGE TOOLS™**

### JS641HM



Cuts porous concrete, red brick, fibre cement, plasterboard, glass fibre reinforced plastic/epoxy (<100mm), wood & nails, Eternit®, MDF.

Pack Quantity	L mm	I mm	H mm	K mm	TS mm	TPI	ORDER NO. Universal shank
2	150	130	19	1,25	4,3	6	<b>JS641HM-2</b>



### JS922AF



Cuts thin sheet metal (0,7-3mm), fine pipe and profiles (diameter <100mm), effortless fine cuts.

Pack Quantity	L mm	I mm	H mm	K mm	TS mm	TPI	ORDER NO. Universal shank
5	150	130	19	0,90	1	24	<b>JS922AF-5</b>



### JS1122AF



Cuts thin sheet metal (0,7-3mm), fine pipe and profiles (diameter <175mm), effortless fine cuts and flexible flush cuts.

Pack Quantity	L mm	I mm	H mm	K mm	TS mm	TPI	ORDER NO. Universal shank
5	225	205	19	0,90	1	24	<b>JS1122AF-5</b>



### JS922EF



Cuts thin sheet metal (1,5-4mm), pipe and profiles (diameter <100mm).

Pack Quantity	L mm	I mm	H mm	K mm	TS mm	TPI	ORDER NO. Universal shank
5	150	130	19	0,90	1,4	18	<b>JS922EF-5</b>
20	150	130	19	0,90	1,4	18	<b>JS922EF-20</b>



### JS1122EF



Cuts thin sheet metal (1,5-4mm), pipe and profiles (diameter <175mm), flexible flush cuts.

Pack Quantity	L mm	I mm	H mm	K mm	TS mm	TPI	ORDER NO. Universal shank
5	225	205	19	0,90	1,4	18	<b>JS1122EF-5</b>
20	225	205	19	0,90	1,4	18	<b>JS1122EF-20</b>



## JS922BF



Cuts thick sheet metal (3-8mm), solid pipe and profiles (diameter <100mm), quick cutting.

Pack Quantity	L mm	I mm	H mm	K mm	TS mm	TPI	ORDER NO.
5	150	130	19	0,90	1,8	14	JS922BF-5
20	150	130	19	0,90	1,8	14	JS922BF-20

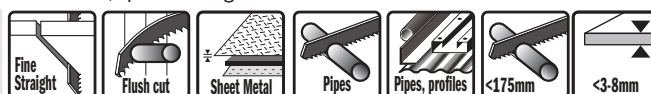


## JS1122BF



Cuts thick sheet metal (3-8mm), solid pipe and profiles (diameter <175mm), flexible flush cuts, quick cutting.

Pack Quantity	L mm	I mm	H mm	K mm	TS mm	TPI	ORDER NO.
5	225	205	19	0,90	1,8	14	JS1122BF-5
20	225	205	19	0,90	1,8	14	JS1122BF-20



## JS123XF



Cuts thin to thick sheet metal (1-8mm) and thin to thick profiles (diameter <100mm).

Pack Quantity	L mm	I mm	H mm	K mm	TS mm	TPI	ORDER NO.
5	150	130	19	0,90	1,8-3,2	8-14	JS123XF-5



## JS925VF



Cuts medium-thick to thick sheet metal (2-10mm), thin and thick-walled pipe and profiles (<100mm). Ideal for demolition work in metal. Effortless, fine cutting.

Pack Quantity	L mm	I mm	H mm	K mm	TS mm	TPI	ORDER NO.
5	150	130	19	1,25	1,8-2,6	10-14	JS925VF-5



## JS1025VF



Cuts medium-thick to thick sheet metal (2-10mm), thin and thick-walled pipe and profiles (<150mm). Ideal for demolition work in metal. Effortless, fine cutting.

Pack Quantity	L mm	I mm	H mm	K mm	TS mm	TPI	ORDER NO.
5	200	180	19	1,25	1,8-2,6	10-14	JS1025VF-5



## JS1125VF



Cuts medium-thick to thick sheet metal (2-10mm), thin and thick-walled pipe and profiles (<175mm). Ideal for demolition work in metal. Effortless, fine cutting.

Pack Quantity	L mm	I mm	H mm	K mm	TS mm	TPI	ORDER NO.
5	225	205	19	1,25	1,8-2,6	10-14	JS1125VF-5



SAW BLADES  
JIG SAW BLADES  
SABRE SAW BLADES  
TOOLS FOR MULTI-CUTTERS  
TOOLS WITH BORE & KNIVES  
ROUTER BITS & SETS  
CNC ROUTER CUTTER & CHUCKS  
INDUSTRIAL DOWEL DRILLS  
BITS FOR HAND POWER TOOLS  
HOLE SAW BLADES  
POWER TOOLS & ACCESSORIES  
DISPLAY CABINETS & SPARE PARTS

# Sabre Saw Blades

new

CMT ORANGE TOOLS™

## JS1225VF

METAL MILLED & SIDE SET TEETH DEMOLITION EASY CUT LONG LIFE BIM



Cuts medium-thick to thick sheet metal (2-10mm), thin and thick-walled pipe and profiles (<250mm). Ideal for demolition work in metal. Effortless, fine cutting.

Pack Quantity	L mm	I mm	H mm	K mm	TS mm	TPI	ORDER NO.
5	300	280	19	1,25	1,8-2,6	10-14	JS1225VF-5



## JS920CF

METAL MILLED & SIDE SET TEETH DEMOLITION XTREME CUT LONG LIFE BIM



Cuts thick sheet metal (4-12mm), thick-walled pipe, solid pipe and profiles (<100mm). Ideal for pipe cutting, for rescue/demolition work. Powerful, coarse cutting.

Pack Quantity	L mm	I mm	H mm	K mm	TS mm	TPI	ORDER NO.
5	150	130	22	1,60	2,9	9	JS920CF-5



## JS1120CF

METAL MILLED & SIDE SET TEETH DEMOLITION XTREME CUT LONG LIFE BIM



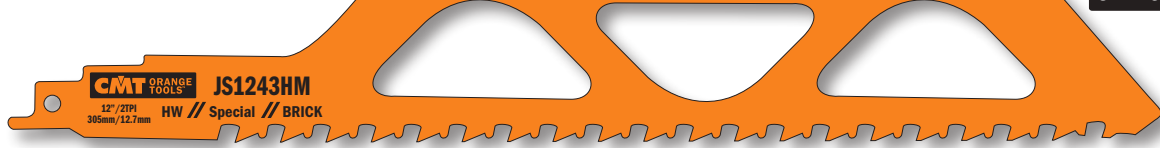
Cuts thick sheet metal (4-12mm), thick-walled pipe, solid pipe and profiles (<175mm). Ideal for pipe cutting, for rescue/demolition work. Powerful, coarse cutting.

Pack Quantity	L mm	I mm	H mm	K mm	TS mm	TPI	ORDER NO.
5	225	205	22	1,60	2,9	9	JS1120CF-5
20	225	205	22	1,60	2,9	9	JS1120CF-20



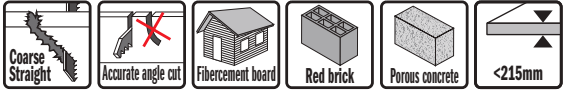
## JS1243HM

SPECIAL LONG LIFE FAST CUT HW



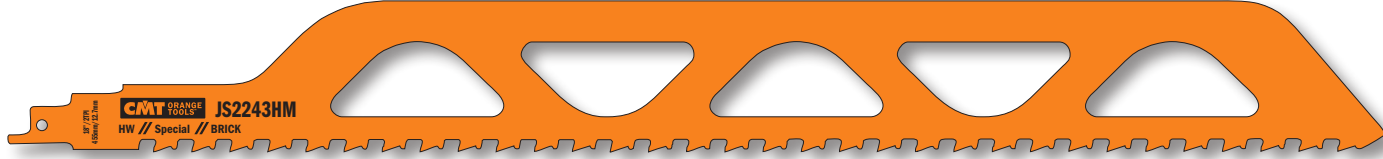
Cuts medium-sized brick up to a material thickness of 215mm.

Pack Quantity	L mm	I mm	H mm	K mm	TS mm	TPI	ORDER NO.
1	305	250	50	1,50	12,7	2	JS1243HM



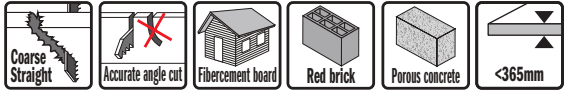
## JS2243HM

SPECIAL LONG LIFE FAST CUT HW



Cuts large brick up to a material thickness of 365mm.

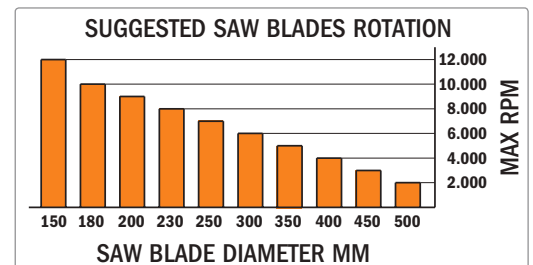
Pack Quantity	L mm	I mm	H mm	K mm	TS mm	TPI	ORDER NO.
1	455	400	50	1,50	12,7	2	JS2243HM





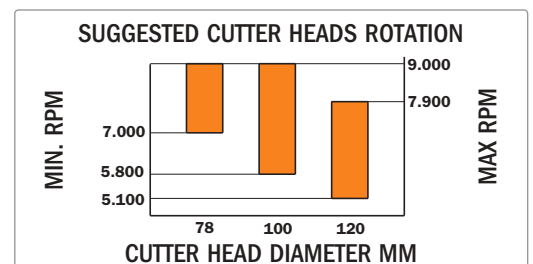
## Saw blade safety

- ALWAYS** thoroughly check all blades for damage and flaws before using. Do not use blades with missing or damaged teeth.
- ALWAYS** wear safety glasses and ear protection when using power tools.
- ALWAYS** thoroughly read the owners manual and manufacturer's instructions before working with tools.
- ALWAYS** use a fence and splitter when using the table saw. Do not make freehand cuts.
- ALWAYS** use pusher blocks or a pusher stick, especially when working with small or narrow pieces.
- ALWAYS** unplug your saw before cleaning or adjusting the tool, or before making blade changes.
- ALWAYS** keep your tools sharpened, clean and stored in a safe place to avoid breakage and accidents and to extend the life of your bits and blades.
- ALWAYS** feed the work against the rotation of the blade on table saws.
- ALWAYS** be sure your workpiece is completely supported, before and after the cut.
- NEVER** remove guards from radial arm saws and miter saws.
- NEVER** remove the splitter or anti-kickback devices from table saws.
- NEVER** use dull or damaged blades.
- NEVER** use blades with missing or chipped teeth.
- NEVER** force the cut or overload the saw.
- NEVER** change blades with the saw plugged in.
- NEVER** make adjustments to any saw while the blade is turning.



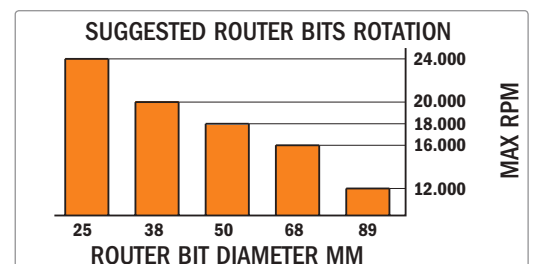
## Cutter head safety

- ALWAYS** thoroughly check all cutters for damage and flaws before using.
- ALWAYS** wear safety glasses and ear protection when using power tools.
- ALWAYS** thoroughly read the owners manual and manufacturer's instructions before working with tools.
- ALWAYS** use guards that were supplied with your shaper.
- ALWAYS** use a fence with your shaper. Do not make freehand cuts.
- ALWAYS** use pusher blocks, especially when working with small or narrow pieces.
- ALWAYS** unplug your shaper before cleaning or adjusting the tool, or before making cutter or knife changes.
- ALWAYS** be sure the spindle nut is tight before plugging in the shaper.
- ALWAYS** check that knives are properly and securely installed in the cutterhead when using interchangeable-knife systems.
- ALWAYS** keep your tools sharpened, clean and stored in a safe place to avoid breakage and accidents and to extend the life of your bits and blades.
- ALWAYS** feed the work against the rotation of the knives.
- ALWAYS** be sure your workpiece is completely supported, before and after the cut.
- NEVER** remove guards or any other safety devices from your shaper.
- NEVER** use dull or damaged knives.
- NEVER** force the cut or overload the shaper.
- NEVER** change cutters or knives or make adjustments with the shaper plugged in.
- NEVER** make adjustments to the shaper while the cutter is turning.



## Router bits safety

- ALWAYS** thoroughly check all tools for possible flaws before using.
- ALWAYS** wear safety glasses and ear protection.
- ALWAYS** thoroughly read the owners manual and manufacturer instructions before using.
- ALWAYS** check that at least 75% of the shank is securely inserted into the collet of the router.
- ALWAYS** use template guide collars when possible to absorb lateral bit deflection.
- ALWAYS** use a fence when working on the router table.
- ALWAYS** reduce the router speed when working with larger diameter bits.
- ALWAYS** keep your fence adjusted so there is some clearance between the bearing guide and the workpiece.
- ALWAYS** take care to remove large quantities of stock (cross section > 10mm) in more than one run.
- ALWAYS** keep your tools sharpened, clean and stored in a safe place to avoid breakage and accidents and to extend the life of your bits and blades.
- NEVER** use dull or defective, even suspiciously defective, tools.
- NEVER** force the shank entirely into the collet (bottoming out). Leave about a 3,2mm (1/8") space from the bottom.
- NEVER** force the bit into your router or overload the router.



## Explanation of symbol



Tungsten carbide  
tipped



Solid tungsten carbide



High speed steel



Alloyed tools steel



High-alloyed tool steel



High performance steel



High carbon steel



Bimetal



High speed steel



TiN coated bimetal  
with 8% cobalt teeth



Cermet Carbide



Insert carbide



Carbide grit



Polycrystalline  
diamond



Polycrystalline  
diamond



Diamond grit



One cutting edge



One + one  
cutting edges



Two cutting edges



Two + one  
cutting edges



Two + two  
cutting edges



Three cutting edges



Three + three  
cutting edges



Three cutting edges  
with chipbreaker



Four cutting edges



Twelve cutting edges



One spur



Two spur



Four spur



Right-hand rotation



Left-hand rotation



Right-hand &  
Left-hand rotation



Antikick-back



Radial relief



Tool with plunging  
capacity



Axial angle



Mechanical feed



Manual feed



Grooving, sizing



Rebating



Slotting



Non-axial boring



Spiral boring



Tool with bearing



Plastic box  
for cutter head



Plastic carry case  
for saw blades



Clamshell carry case  
for saw blades



Cardboard box  
for saw blades



Industrial Thin-kerf blade



ORANGE CHROME



High-Density Carbide



XTREME  
High  
performance tool



Non-Stick  
Orange Shield  
Coating™



Shear Angle Grind



Saw blade  
with dampening slots  
with fill



Saw blade  
with dampening slots  
without fill



Warning



Not for hand held use  
for router table only



Wear safety shoes



Wear five finger gloves



Wear safety glasses



Wear ear protection



Wear dust mask



Wear safety helmet

# Conditions of trading

## PREMISE

**C.M.T.** products are the result of technological innovation achieved through continuous research applied on a vast scale. Drawings, technical data, photos of the products and packaging are supplied for the sole purpose of informing the customer and are not binding in any manner. **C.M.T.** may undertake, when necessary, modifications and improvements without applying these innovations to the parts already supplied. The operational tolerances conform to technical standards that are acceptable for this range of tools.

## ACCEPTANCE OF THE CONTRACT

All orders for our products are meant to be accepted at the price and sale conditions that are legally in force at the date of delivery.

Every order will be treated and supplied according to the following general sale conditions. By placing an order or accepting an offer, the customer accepts, without any reservations, all conditions expressly mentioned hereafter.

Any other derogation will only be accepted upon written consent by **C.M.T.** All other cases not contained within these conditions will fall under the Italian Civil Code.

Offers and order confirmations will be processed according to stock availability. Any order, even those taken by our representative agents, will be subject to our acceptance, which could also be a partial one.

We will notify the acceptance of any order by an order confirmation in which we will indicate all details pertaining to the items purchased, their price and expected delivery date. Therefore, we will not be able to accept any modification after three working days from the date of receipt.

## MINIMUM AMOUNT ACCEPTABLE

**C.M.T.** will only be able to accept and process orders for a minimum net amount of € 100,00.

In case of acceptance of the order, we will add € 15,00 for shipping and handling.

## PRICES

The prices stated in **C.M.T.'s** quotation and price lists are gross and are intended to be "ex-works".

Prices and VAT will be those in force at the date of shipping. To the best of our knowledge, the prices indicated in our catalogues, price lists and order confirmations are correct. However, **C.M.T.** cannot be held legally liable for reserving the right to change prices without notification in line with the manufacturer's cost increases.

## DELIVERY

Delivery dates in the order confirmation are given as an indication of the estimated delivery time. They have to be considered as reliable only in case of normal operating conditions, and there shall be no liability on the part of the Seller for any failure to deliver due to causes beyond the Seller's control. **C.M.T.** will also not be able to accept any cancellation of existing orders which were not delivered in time due to external impediments.

Standard products will be shipped within five working days from receipt of the order.

## SHIPPING AND HANDLING

The packing of our products will be charged on the final invoice, while shipping is "ex-works" from our factory at Chiusa di Ginestreto (Pesaro).

All products supplied by **C.M.T.** travel at the customer's own risk.

**C.M.T.** retains the right to charge freight costs on the invoice in case of value under the minimum amount acceptable of €100,00.

**C.M.T.** will not be held responsible for any damage, theft or tampering that might occur during transport, and for which the forwarder will be legally liable according to article 1693 of the Civil Code. The customer, for his part, will have to check the goods at the moment of receipt and, in case any anomaly or damage is found, he will have to apply for a refund to be addressed to the forwarder.

## PAYMENT

Cash payments can only be accepted for purchases done directly at the **C.M.T.** factory located in Chiusa di Ginestreto (Pesaro) in accordance with article 1182, sub-section 3 of the Civil Code, or upon delivery of the goods provided there is a written agreement between the parties.

Deferred methods of payment will have to be previously agreed with the Seller. In this case, if one or more instalments are not paid, the agreement will automatically expire according to article 1186 of the Civil Code.

A delay in payment, even partial, will automatically incur interest in the amount of an extra 5% to be charged to the customer's account.

In case of non payment, **C.M.T.** reserves the right to suspend any further supply of its products.

## WARRANTY

All professional tools by **C.M.T.** are manufactured according to high standards of technology and are therefore warranted against any possible defect. This warranty does not cover damage or tampering which can be ascribed to inappropriate use. It is also not applicable for tools that have been re-sharpened.

This warranty does not cover the possible injuries resulting from inappropriate use of defective tools.

**C.M.T.** will repair or replace any goods which the buyer shall prove to have been defective in material or workmanship upon analysis by its technical department. Any complaint must be communicated within fifteen days from receipt of the goods together with a written form in which the customer provides a detailed description of the defect. Any return of tools will only be accepted upon authorisation by **C.M.T.** and the freight will be at the customer's own expense.

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For any legal matter the place of jurisdiction is Pesaro.

All contracts, even those made with foreign Buyers or for goods to be sent abroad, are regulated by Italian legislation.





**C.M.T. UTENSILI S.p.A.**

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