CM 401 TH

OPERATING INSTRUCTIONS

Translation of the original instructions

NORTON®

SAINT-GOBAIN

clipper®

CE Declaration of conformity

The undersigned manufacturer:

SAINT - GOBAIN ABRASIVES S.A.
190, BD J.F. KENNEDY
L- 4930 BASCHARAGE

Declares that this product:
Masonry Saws: ***CM 401 500 60-P*** Code: ***70184626992***
CM 401 600 60-P ***70184627017***

is in conformity with the following Directives:

- ***"MACHINES" 2006/42/CE***
- ***"NOISE" 2000/14/CE***

and European standard:

- ***EN 12418 – Masonry and stone cutting-off machines – Safety***

Valid for machines as of serial number: 130400000

Storage site for the technical documents:
Saint-Gobain Abrasives 190, Bd. J. F. Kennedy 4930 BASCHARAGE, LUXEMBOURG

This declaration of conformity loses its validity when the product is converted or modified without agreement.

Bascharage, 16.03.2023

François Chianese, executive officer and responsible for the technical file.
Bascharage, Luxembourg.

Declaration of conformity

The undersigned manufacturer:

SAINT - GOBAIN ABRASIVES S.A.
190, BD J.F. KENNEDY
L- 4930 BASCHARAGE

Declares that this product:

Masonry Saw: ***CM 401 500 60-P*** Code: ***70184626992***
CM 401 600 60-P ***70184627017***

is in conformity with the following standard:

- ***Supply of Machinery (Safety) Regulations 2008***
- ***Noise Emission in the Environment by Equipment for use Outdoors Regulations 2001***

and European standard:

- ***EN 12418 – Masonry and stone cutting-off machines – Safety***

Valid for machines with a serial number greater than: 130400000

Authorised Representative:
SAINT-GOBAIN ABRASIVES
Unicorn House • Unit 1, Amison Close
Redhill Business Park • Stafford • England • ST16 1WB

This declaration of conformity loses its validity when the product is converted or modified without agreement.

Bascharage, 16.03.2023

François Chianese, executive officer and responsible for the technical file.
Bascharage, Luxembourg.

CM 401 TH
OPERATING INSTRUCTIONS

1 BASIC SAFETY INSTRUCTIONS

The CM 401 is exclusively designed for the cutting of construction products mainly on construction sites.
Uses other than the manufacturer's instructions shall be considered as contravening the regulations. The manufacturer shall not be held responsible for any resulting damage. Any risk shall be borne entirely by the user. Observing the operating instructions and compliance with inspection and servicing requirements shall also be considered as included under use in accordance with the regulations.

1.1 Symbols

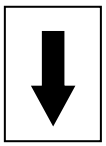
Important warnings and pieces of advice are indicated on the machine using symbols. The following symbols are used on the machine:

Read operator's instructions

Ear protection must be worn

Hand protection must be worn

Eye protection shall be worn

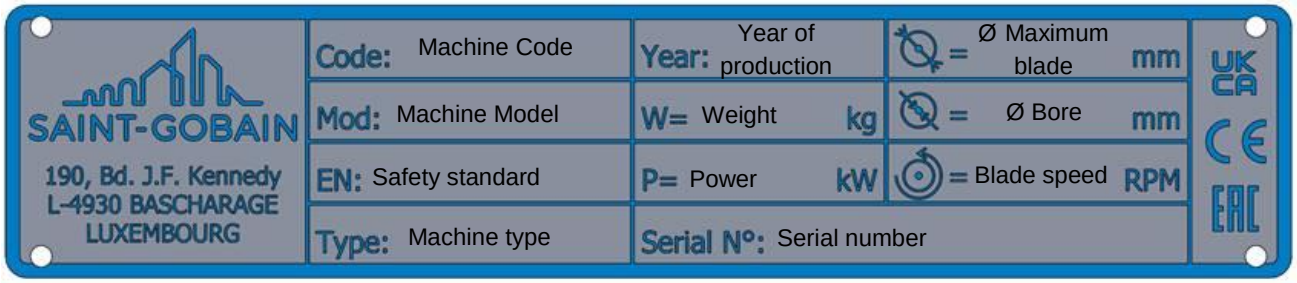


Rotation direction of the blade

Danger: risk of cut

1.2 Machine plate

Important data can be found on the following plate located on the machine:



1.3 Safety instructions for particular operating phases

Before commencing work

- Before commencing work, make yourself familiar with the working environment at the place of use. The working environment includes: obstacles in the area of work and manoeuvre, the firmness of the floor, necessary protection at the site relating to public thoroughfares and the availability of help in the event of accidents.
- Site the machine on an even, firm and stable base!
- Check for correct mounting of the blade regularly.
- Immediately remove damaged or badly worn blades, as they endanger the operator whilst rotating.
- The material to be cut must be held securely in place on the conveyor cart to allow no movement during cutting operation.
- Always cut with the blade guard in position and closed.
- Only fit NORTON diamond blades to the machine! The use of other tools can damage the machine!
- Read the blades' specifications carefully to choose the correct tool for your application.
- Attention is drawn to the use of BS2092 safety goggles in conformity with specified Processes No.8 of the Protection of Eyes Regulation 1974, Regulation 2(2) Part 1.

Petrol powered machines:

- Always use the fuel advised.
- In confined areas, exhaust gases should be evacuated and the job site properly aerated.
- Petrol and diesel machines, which by their nature emit toxic exhaust gases, must not be used in places prohibited by the Health at Work etc. Act 1974 or which are prohibited by Factory Inspectors or Safety Officers.
- Fuel is flammable. Before filling the tank, shut down the engine, extinguish all open flames and do not smoke. Take care that no petrol is spilled on any motor part. Always wipe up spilled fuel.
- In case of danger, use the emergency stop button just in front of the machine.

2 MACHINE DESCRIPTION

Any modification, which could lead to a change in the original characteristics of the machine, may be done only by Saint-Gobain Abrasives who shall confirm that the machine is still in conformity with the safety regulations.

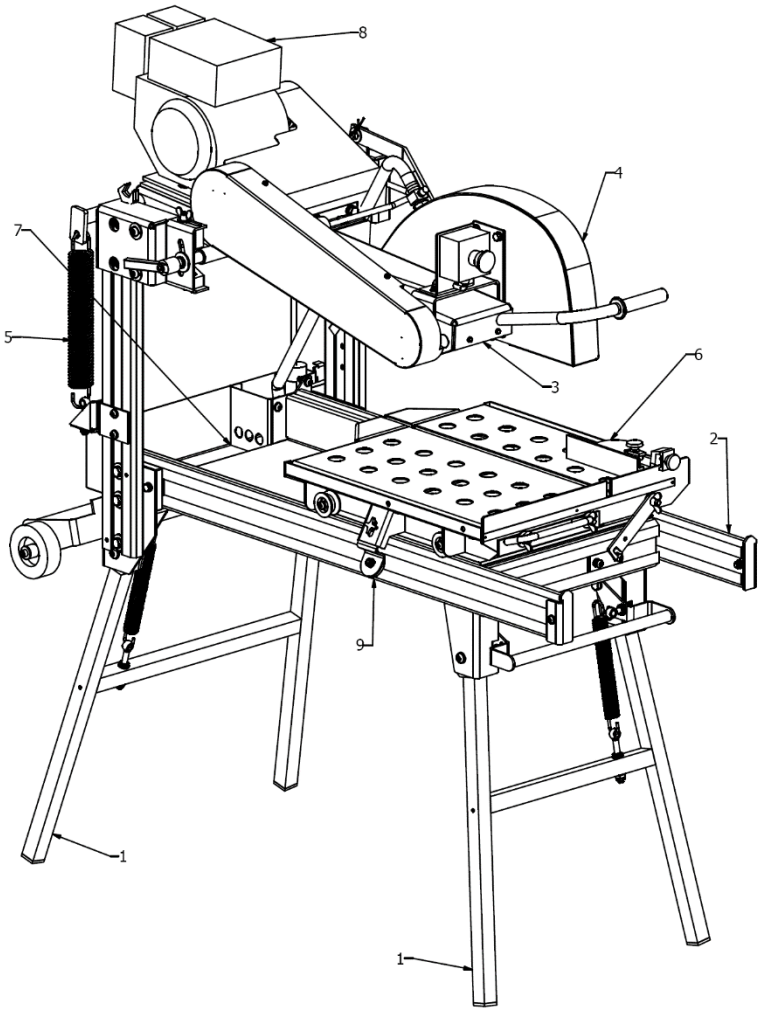
2.1 Short description

The CM 401 block saw is designed for durability and high performance for onsite wet and dry cutting operations of a wide range of masonry, refractory and natural stone products.
As with all other NORTON products, the operator will immediately appreciate the attention given to detail and quality of materials used in construction. The machine and its component parts are assembled to high standards assuring long life and minimum maintenance.

2.2 Purpose of use

The machine is designed for cutting a large range of building and refractory materials. It is not designed for cutting wood or metals.

2.3 Layout



Foot and handles (1)
The jig-welded, reinforced and all-steel construction feet ensures perfect stability. Precisio
n springs allow the feet to be folded up. Handles can be used for the transport of the machine when the feet are folded up, and for locking the feet when the machine is standing on its feet.

Frame (2)
Built in aluminium profile, the frame is light and resistant.

Cutting head (3)
Jig-welded steel console. Console supports the engine and the blade guard. The balancing of the cutting head is achieved using a heavy-duty spring. A depth-locking device fixed to cutting head and frame enables the operator to set the cutting head to desired or to maximum cutting depth.

Blade guard (4)
Jig-welded steel construction with 400mm-diameter blade capacity, which offers maximum operator protection and increased visibility of the work piece. Incorporated in the blade guard is a shaft vent cover, which can be easily hinged opened. This allows easy access to shaft for inspection and blade replacement when engine is switched off, while fully protecting the blade when in operation.

Down feed and cutting depth adjustment (5)
The spring-loaded cutting head, activated by hand with the grip on the blade guard ensures smooth lowering of the cutting head for shock-free penetration of the work piece and improved control of the cutting pressure.

Conveyor cart (6)
Large, heavy-duty conveyor cart fitted with water flow-control vents, mounted on 4 rollers to give maximum stability and smooth movement. The conveyor cart is equipped with graduated scale on the backstop and with a guide-a-cut device.

Water cooling system (7)
The coolant system comprises:

- A powerful, submersible mechanical water pump.
- Plastic suction pipe delivering the water from the water pan to the cutting head.
- A removable large capacity aluminium water pan supplied with drain plug.
- A water-tap, fitted to the blade guard, permitting controlled water flow.
- Two water nozzles located inside the blade guard ensure adequate flow of water to both sides of the cutting blade.
- A water curtain, fixed to head axle restricts water spray and minimises water loss.

Petrol engine (8)
The Honda GX200 engine is fitted out with an emergency stop button to ensure the safety of the operator while using the machine.

Anti-tipping device (9)
Two sheaves located on each side of the conveyor cart stabilise the cart while its usage. It also prevents the cart from tipping from the frame.

Blocking device (10)
The cart can be fixed on the frame to allow the machine to be transported without danger.

2.4 Technical Data

Engine	Honda GX200, 4.8 kW (6,5HP)
Fuel	Automotive unleaded gasoline
Oil	Honda 4-Stroke, or equivalent high detergent, premium quality motor oil certified to meet or exceed U.S. automobile manufacturer's requirement for service classification SG, SF. (SG, SF designated on the oil container). SAE 10W-30 recommended
Max. blade diameter	400 mm
Bore	25,4 mm
Flange diameter	95 mm
Cutting depth mm	150 mm (without reversing the material)
Water pan capacity	30L
Sound pressure level	93 dB (A) (ISO EN 11201)
Sound energy level	105 dB (A) (ISO EN 3744)

Specific data

Code	70184626992	70184627017
Type	CM 401500	CM 401600
Cutting length	500mm	600mm
Length	1205mm	1380mm
Width	660mm	660mm
Cart dimension	500x500mm	600x500mm
Height (with feet)	1585mm	1585mm
Height (without feet)	995mm	995mm
Weight (Total)	116kg	118kg
Weight (frame)	97kg	98kg
Weight (cart)	15kg	16kg
Weight (water pan)	4kg	4kg

2.5 Statement regarding the vibration emission

Declared value of vibration emission following **EN 12096.**

Machine Model / code	Measured value of vibration emission at m/s^2	Uncertainty K m/s^2	Tool used Model / code
CM 401 500 60-P *70184626992* ***CM 401 600 60-P*** *70184627017*	<2.5	0.5	Clipper ZDH500 diamond blade

- The vibration value is lower and does not exceed 2.5 m / s.
- Values determined using the procedure described in the standard **EN 12418.**

- The measurements are made with new machines. Actual values may vary with site conditions, in terms of:
  - Materials worked
  - Wear Machine
  - Lack of maintenance
  - Inappropriate tool for application
  - Tool in poor condition
  - Unskilled operator
  - Etc…

- The exposure time to vibration is based on the performance of work (related to the adequacy Machine / Tool / worked material / operator)

When evaluating risks due to hand-arm vibration, you need to take into account effective usage at rated power of machine during a full day of work; quite often you will realise that effective utilisation time represents around 50% of overall duration of work. You have to consider, of course, breaks, water feeding, preparation of work, time to move the machine, disk mounting…

2.6 Statement regarding noise emission

Declared value of noise emission following **EN ISO 11201** and **NF EN ISO 3744.**

Machine Model / code	**Sound Pressure level L_{Peq} EN ISO 11201**	**Uncertainty K (Sound Pressure level L_{Peq} EN ISO 11201)**	**Sound power level L_{Weq} NF EN ISO 3744**	**Uncertainty K (Sound power level L_{Weq} NF EN ISO 3744)**
CM 401 500 60-P *70184626992* ***CM 401 600 60-P*** *70184627017*	93 dB(A)	2.5 dB(A)	105 dB(A)	4 dB(A)

- Values determined using the procedure described in the standard **EN 12418.**

- The measurements are made with new machines. Actual values may vary with site conditions, in terms of:
  - Wear Machine
  - Lack of maintenance
  - Inappropriate tool for application
  - Tool in poor condition
  - Unskilled operator
  - Etc…

- Measured values relate to an operator in normal use, as described in the manual position.

3 ASSEMBLY AND COMMISSIONING

The machine is delivered fully equipped and assembled (although without diamond blade) and is ready for operation after connection to the appropriate power supply.

3.1 Tool assembly

Only NORTON blades with a maximum diameter of 400 mm can be used with the CM 401.
All tools used must be selected with regard to their maximum permitted cutting speed for the machine's maximum permitted rotation speed.
Before mounting a new blade into the machine, switch off the machine and isolate it from the main source of electricity.

To mount a new blade, follow these steps:

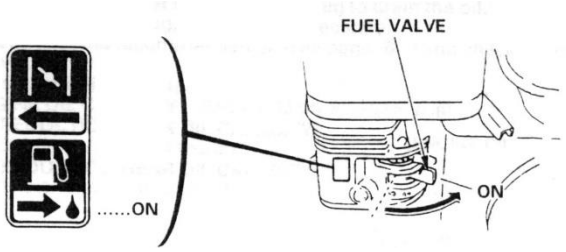
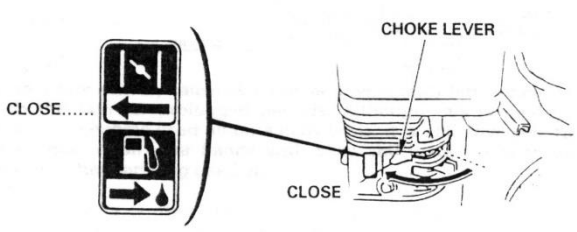
- Open the shaft vent cover on the blade guard.
- Loosen the hexagonal nut on the blade shaft, which holds the removable outer flange.
- Remove the outer flange.
- Clean the flanges and blade shaft and inspect for wear.
- Mount the blade on arbor ensuring that direction of rotation is correct. Wrong direction of rotation blunts the blade quickly.
- Replace outer blade flange.
- Tighten hexagonal nut with spanner supplied for this purpose.
- Shut the vent cover.

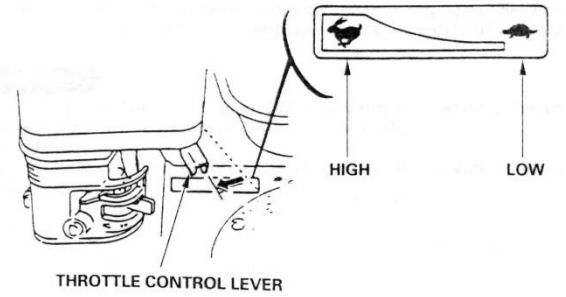
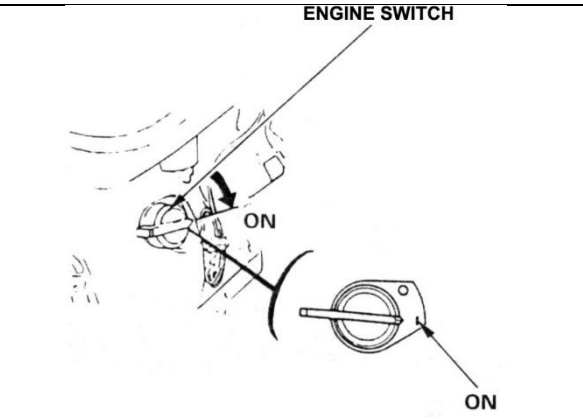
The blade bore must correspond exactly to the diameter of the blade shaft. Cracked or damaged bore is dangerous for the operator and for the machine.

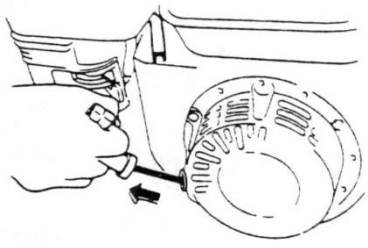
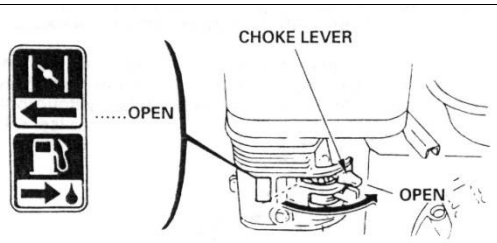
3.2 Water cooling system

Fill the water pan with clean water to approximately 2cm from top (ensure that bottom of pump is fully immersed in water). Use the pump switch so you can use the pump.
Open water-tap at blade guard (note that handle on water-tap should be in line with water-flow).
Ensure that water is flowing freely in the circuit and is delivered adequately to both sides of the blade, as insufficient water supply may result in premature failure of the diamond blade.
The water pump must never run without water. Always make sure that there is enough water in the pan and refill if necessary.
In case of frost, empty the water cooling system from its water.

3.3 Starting the machine

	
Turn the fuel valve to the ON position.	Move the choke lever to the CLOSED position. NOTE: do not use the choke if the engine is warm or the air temperature is high.

	
Move the throttle control lever slightly to the left.	Put the engine switch on ON, and make sure the emergency switch on the board of the machine is in the correct position.

	
Pull the starter grip lightly until you feel resistance, then pull briskly. CAUTION: Do not allow the starter grip to snap back against the engine. Return it gently to prevent damage to the starter.	As the engine warms up, gradually move the choke lever to the OPEN position. Position the throttle control lever for the maximum engine speed.

To stop the engine, move the throttle control lever fully to the right, then turn the engine switch to the OFF position. Turn the fuel valve to the OFF position.

4 OPERATING THE MACHINE

4.1 Site of work

4.1.1 Siting the machine

- Remove from the site anything, which might hinder the working procedure!
- Make sure the site is sufficiently well lit!
- Observe manufacturer's conditions for connecting to power supplies!
- Make sure you have a continual adequate view of the working area so you can intervene in the working process at any time!
- Keep other staff out of the area, so you can work securely.

4.1.2 Space required for operation and maintenance

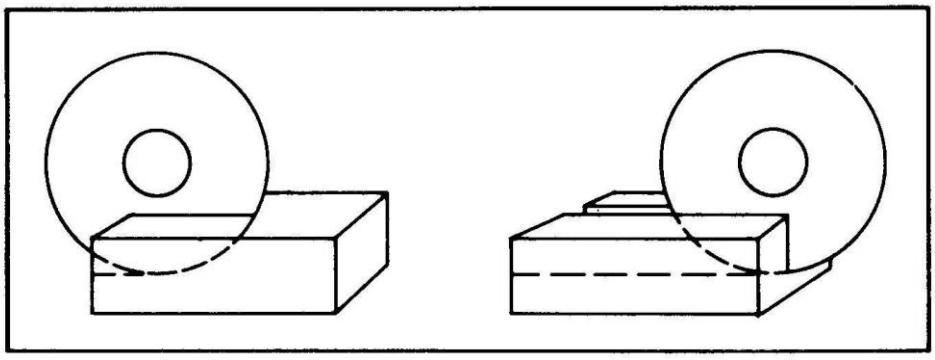
Leave 2 m in front of the machine and 1,5 m around it for usage and maintenance of the CM 401.

4.2 Cutting methods

To use the machine correctly, you must face it with one hand on the handle of the cutting head, and the other on the conveyor cart. Always keep your hands away from the moving blade.

4.2.1 Full depth or fixed cutting

In full depth or fixed cutting, the cutting head is locked in a fixed position and the material is pushed into it as shown.

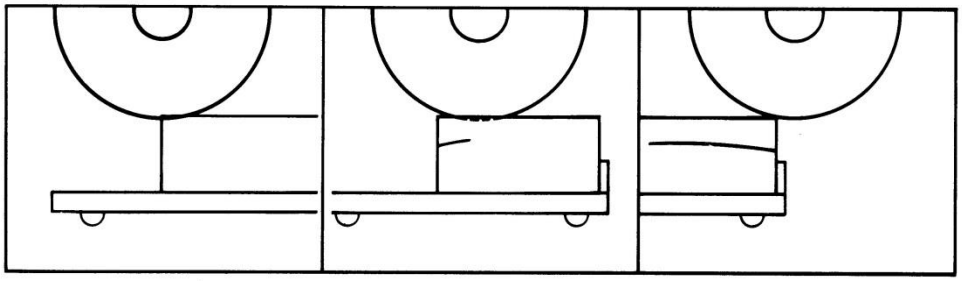


- Lower the cutting head to the desired cutting depth (in “through cutting”, lower cutting head until blade periphery reaches max. 3mm under the surface of the conveyor cart) by means of the handle on the blade guard
- Fix position by tightening the clamping device
- Put material on conveyor cart
- Push the conveyor cart slowly and without undue pressure towards the rotating blade and cut the material as shown on the picture.

NOTE: While recommended, it is not absolutely necessary to lock the cutting head into a given depth position when jam cutting. The desired cutting depth can be maintained by holding firmly the depth feed handle on the blade guard. If the full depth of cut requires excessive pressure (on very dense material e.g.) make 2 or 3 shallow cuts.

4.2.2 Multiple step cutting

Multiple step cutting consists of moving the conveyor cart with the material to be cut back and forward under the rotating blade,

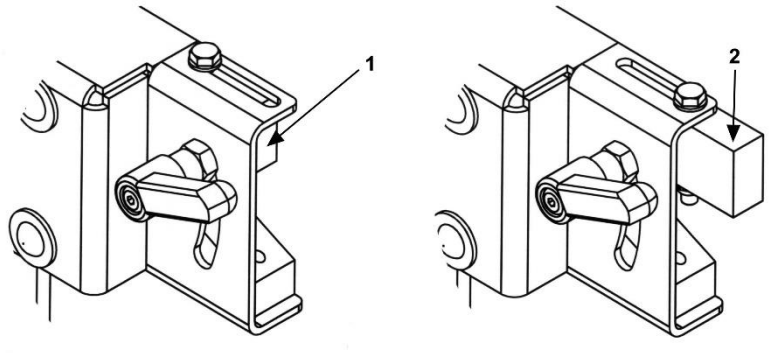


- Place the material to be cut on the conveyor cart firmly against the guide-a-cut and the backstop, keeping the hands well away from the blade.
- Move conveyor cart forward near the blade and pull down the cutting head until blade is lowered to a point where it will lightly contact the surface of the material.
- Then pass the material beneath with rapid full length strokes, taking a shallow cut (approximately 3 mm deep as shown on the picture) on the forward. On the backward stroke, lift the blade just clear over the cutting line.
- Complete each rapid stroke backward and forward by passing the material beyond the centre of the blade before starting the reverse movement of the conveyor cart.

NOTE: the harder the material, the more rapid should be the forward and backward strokes.
Step cutting lessens the area of the blade circumference in contact with the material, keeping the blade cool, running free and cutting at peak efficiency.

4.2.3 Cutting thicker material

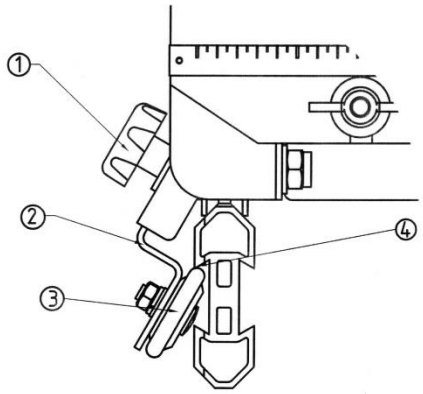
You can cut thicker material by reversing the material on the cart. In order to raise the head to pass the material under it, you have to slide the upper head stop from position 1 to position 2 as shown on the picture 4. You can then cut up to 300mm thick material. If you want to cut again fewer than 110mm, turn the stop from position 2 to position 1.



Picture 4: cutting with reversing the material

4.2.4 General advice for the cutting

- Make sure you have filled the engine tank with fuel. No petrol is supplied with the machine.
- The engine is shipped with oil. Check oil level before starting. Top up if required.
- Material weighting under 30 kg and having dimensions smaller than 500x500x220mm for the CM 401500 and 600x500x220mm for the CM 401600 can be cut with the machine.
- Before commencing work make sure tools are firmly seated!
- Before using the machine, make sure the two anti-tipping devices are tighten correctly. Loosen the knob (1 on picture 5), and tighten the anti-tipping device (2) so the sheave (3) leans firmly on the profile (4).



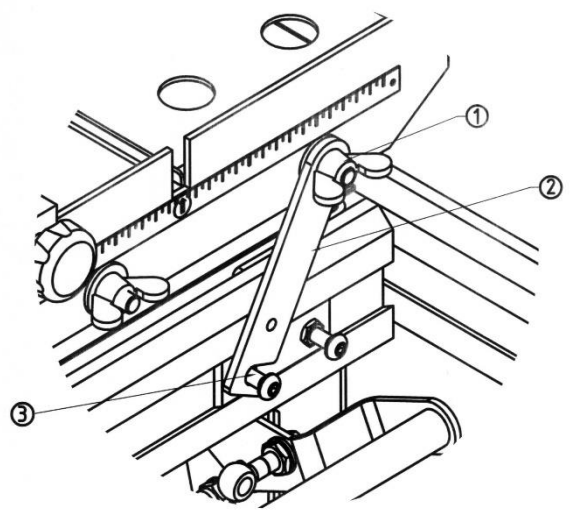
Picture 5: tightening of the anti-tipping device

- Select the right tools as recommended by the manufacturer depending on the material to be worked, the working procedure (dry or wet cut) to be carried out and the required efficiency.
- Apply cooling water continuously whilst cutting and in good time! Make sure the water pan contains enough water.
- When dry cutting, ensure sufficient dust extraction and wear a dusk protection mask!
- When cutting work is finished, close the water-tap so you can remove the cut pieces from the conveyor cart without getting wet.

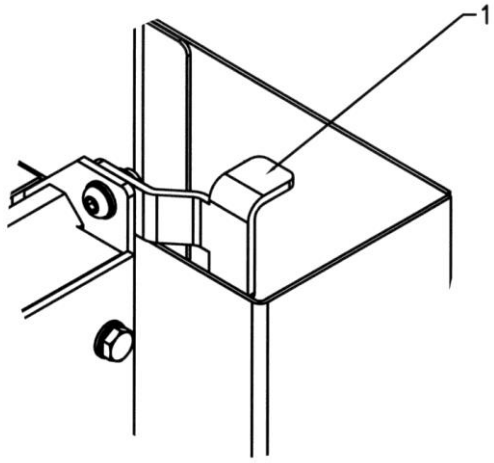
5 TRANSPORT AND STORING

5.1 Securing for transport

Before transporting or lifting the machine, always remove the blade and empty the water pan. You can transport the machine mounted, or you can remove some parts from the machine so it is lighter.



Picture 1 : Securing the conveyor cart



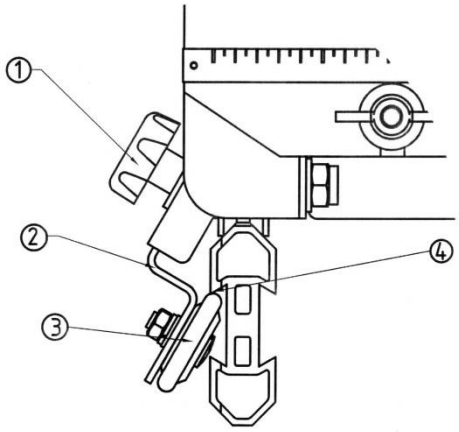
Picture 2 : Securing the water pan

a) If you want to transport the machine mounted, you have to secure the conveyor cart and the water pan:

- To secure the cart (picture 1), loosen the wing nut (1) and turn the blocking device until it takes the screw (3). Then retighten the wing nut.
- To secure the water pan (picture 2), make sure the blocking device (1) is in the shown position.

b) You can also remove the conveyor cart and the water pan:

- To remove the cart, loosen the wing nut (1 on picture 1) and turn the blocking device until it is parallel to the scale. Loosen the knobs on each side of the conveyor cart (1 on picture 3), and put the anti-tipping device in its lower position. Then remove the cart.
- Before removing the pan, take the water pump out of it. Open the blocking device (1 on picture 2) and pull the pan out of the profiles.



Picture 3 : unlocking of the anti-tipping device

5.2 Transport procedure

The machine can be moved on a flat surface using its wheels. You must first fold away the feet. Two operators are required for this. Lift the rear handle and push lightly on the rear foot of the machine with your foot. The foot of the machine will automatically fold away. You can then put the rear of the machine on the floor. Then proceed the same way with the front foot.

5.3 Long period of inactivity

If the machine is not going to be used for a long period, please take the following measures:

- Completely clean the machine
- Loosen the drive belts
- Empty the water system
- Take the water pump out of the slurry and clean it thoroughly.

The storage site must be clean, dry and at a constant temperature.

6 MAINTENANCE AND SERVICING

6.1 Maintenance of the machine

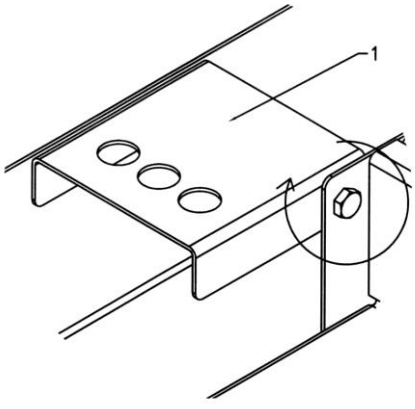
To ensure a long-term quality from the cutting with the CM 401, please follow the maintenance plan below:

		Begin of the day	During the changing of tool	End of the day or more often if required	Every week	After a fault	After a damage
Whole machine	Visual control (general aspect, watertightness)	■				■	■
	Clean			■			
Flange and blade fixing devices	Clean	■	■				
Belts tension	Check and adjust				■	■	■
Water pump	Clean			■			
Water pan	Clean			■			
Water hoses and nozzles	Clean			■			
Water pump filter	Clean			■			
Cart guiding bars	Clean			■			
Engine housing	Clean				■		
Reachable nuts and screws	Tighten up				■		

Maintenance of the machine

Your machine will last longer if you clean it thoroughly after each day of work, especially water pump, water pan (which can be removed for easy cleaning), motor and blade flange.

Never use acid-based cleaning products, as the aluminium parts (water tray, rails, motor housing) can be corroded by these cleaning products. Always clean the machine when any cutting dust and debris is still fresh, never allow the deposits to solidify. To make the cleaning of the pump tank easier, you can open it as shown on picture 5:

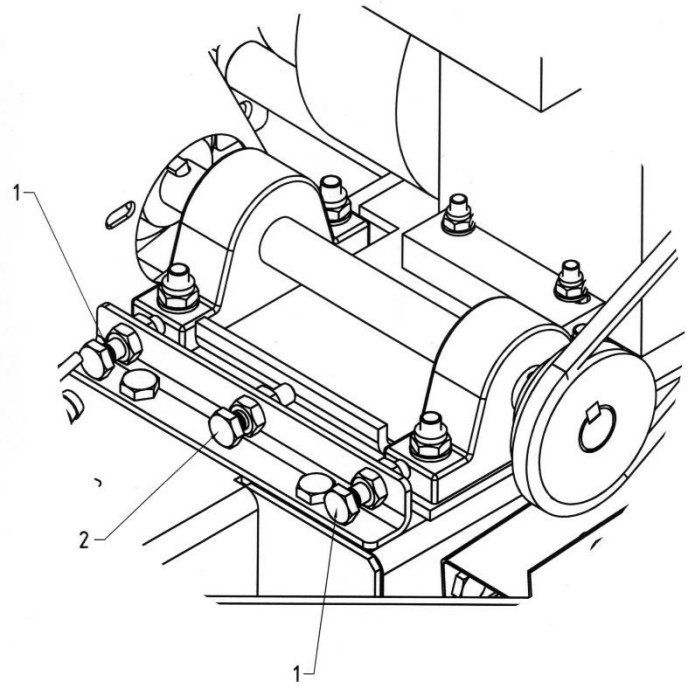


Picture 5: open the water pump tank to clean it

Adjustment and replacement of the belts

To adjust the belts:

- Firstly, remove the belt guard on the left by unscrewing the 4 nuts. Also remove the jackshaft guard by unscrewing the four screws.
- Loose the 4 bolts maintaining the jackshaft plate and the 3 bolts maintaining the motor plate.
- First shift the jackshaft by using the two screws on the side of the belt tension assembly (1 on picture 6). Then retighten the 4 bolts maintaining the jackshaft plate.
- Then shift the engine by using the screw in the middle of the belt tension assembly (2 on picture 6). Then retighten the 3 bolts maintaining the motor plate.
- Remount the belt guard and the jackshaft guard.



Picture 6: belt tension assembly

To replace the belts:

- Firstly, remove the belt guard on the left by unscrewing the 4 nuts. Also remove the jackshaft guard by unscrewing the four screws.
- Loose the 4 bolts maintaining the jackshaft plate and the 3 bolts maintaining the motor plate.
- move the engine and the jackshaft forward on the cutting head.
- Remove the old belts and adjust the new ones.
- Firstly, tighten the belt between the blade shaft and the jackshaft. Then retighten the two screws (1 on picture 6) on the belt tension assembly and retighten the four maintaining bolts for the jackshaft plate.
- Then tighten the belt between the motor and the jackshaft. Retighten the screw (2 on picture 6) on the belt tension assembly and the three bolts maintaining the motor plate.
- Remount the belt guard and the jackshaft guard.

Always use a matched set of belts. Do not replace single belts.

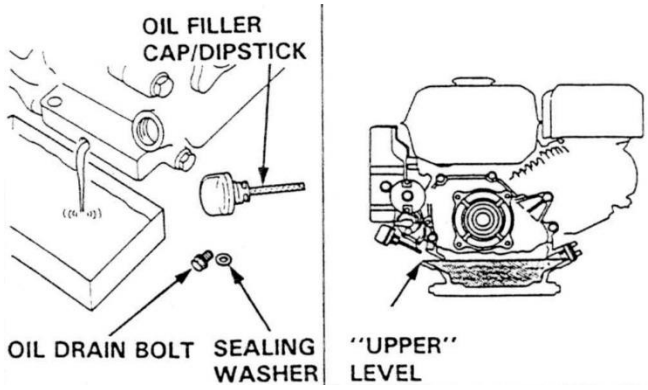
6.2 Maintenance of the engine

	Regular service period Perform at every indicated month or operating hour interval, whichever comes first →	Each use	First month or 20 hours	Every 3 months or 50 hours	Every 6 months or 100 hours
Engine oil	Check level	■			
	Change		■		■
Air cleaner filter	Check	■			
	Clean			■	
Fuel strainer cup	Clean				■
Spark plug	Check-Clean				■
Fuel line	Check (Replace if necessary)	Every 2 years			

Engine oil

To change the oil,

- Remove the oil filler cap/dipstick and drain bolt.
- Allow the oil to drain completely.
- Reinstall the drain bolt, and tighten it to 18 N.m.
- Fill the crankcase with the engine oil to the outer edge of the oil filler neck.
- Reinstall the filler cap/dipstick.

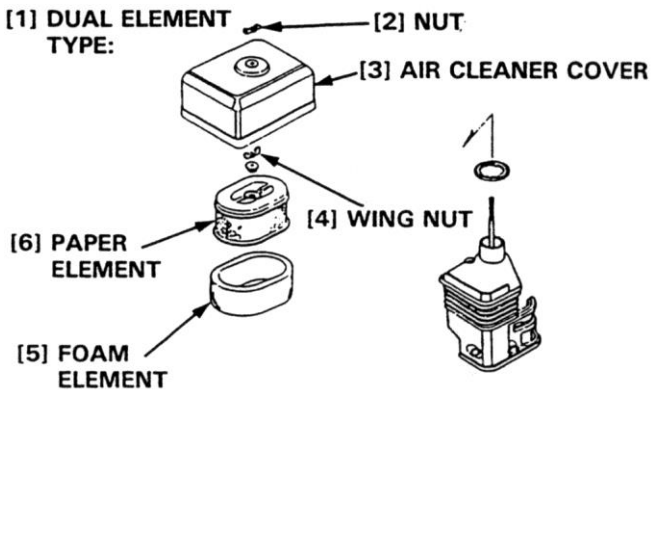


Air cleaner

The CM 401 has a dual type filter.

To service the air cleaner filter, follow these instructions:

- Remove the nut, air cleaner cover and wing nut.
- Remove the pre air cleaner elements and separate them.
- Carefully check both elements for holes or tears and replace if damaged.
- **Paper element**: tap element lightly several times on a hard surface to remove excess dirt or blow compressed air lightly through the filter from the inside out. Never brush the dirt off; brushing will force dirt into the fibres.

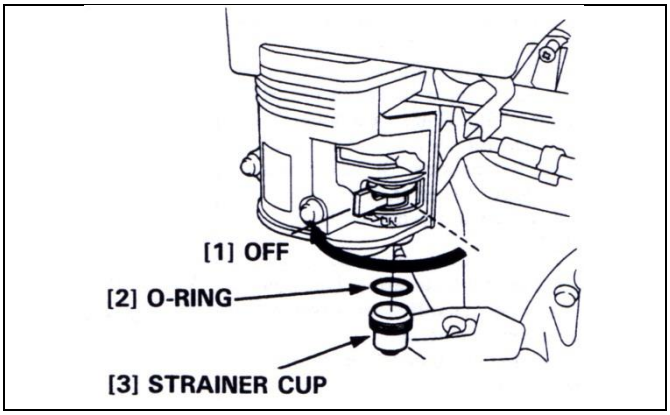


- **Foam element**: clean in warm soapy water, rinse and allow to dry thoroughly. Dip the element in clean engine oil and squeeze out all the excess. The engine will smoke during initial start-up if too much oil is left in the foam.
- Shine a light through the elements, and inspect them carefully. Reinstall the elements if they are free of holes and tears.

Fuel strainer cup

To service fuel strainer cup, follow these instructions:

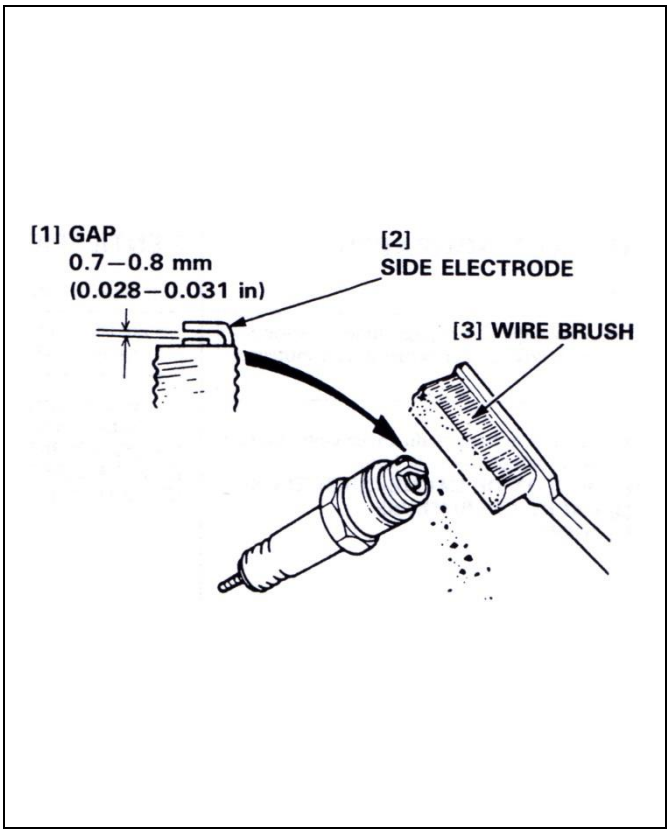
- Turn off the fuel valve and remove the strainer cup.
- Clean the strainer cup with solvent.
- Install the O-ring and strainer cup.
- Tighten the strainer cup to 4N.m.



Spark plug

To service the spark plug, follow these instructions:

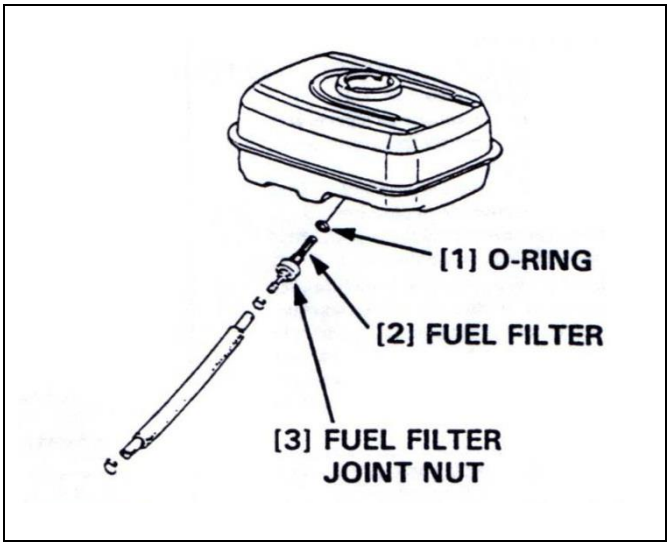
- Visually inspect the spark plug. Discard the plug if the insulator is cracked or chipped.
- Remove carbon or other deposits with a stiff wire brush.
- Measure the plug gap with a wire-type feeler gauge. If necessary, adjust the gap by bending the side electrode.
- Make sure the sealing washer is in good condition; replace the plug if necessary.
- Install the plug fingertight to seat the washer, then tighten with a plug wrench (an additional ½ turn if a new plug) to compress the sealing washer. If you are reusing a plug, tighten 1/8-1/4 turn after the plug seats.



Fuel line

To service the fuel line, follow these instructions:

- Drain the fuel into a suitable container, and remove the fuel tank.
- Disconnect the fuel line, and unscrew the fuel filter from the tank.
- Clean the filter with solvent, and check, that the filter screen is undamaged.
- Place the O-ring on the filter and reinstall. Tighten the filter to 2N.m. After reassembly, check for fuel leaks.



Further maintenance

For further maintenance, please contact the nearest engine maintenance centre.

7 FAULTS: CAUSES AND CURES

7.1 Fault-finding procedures

Should any fault occur during the use of the machine, turn it off, and isolate it from the electrical supply. Any works dealing with the electrical system or supply of the machine can only be carried out by a qualified electrician.

7.2 Trouble-shooting guide

Trouble	Possible source	Resolution
Hard starting	Not enough fuel	Fill fuel tank
	Fuel filter clogged	Clean fuel filter
	Spark plug faulty	Inspect spark plug
	Stronger fault	Contact nearest engine maintenance centre
Blade is not turning	Belts not tightened or defective	Check the belts tension and change them if needed
Engine lacks power	Air filter restricted	Clean or replace air filter
	Stronger fault	Contact nearest engine maintenance centre
No water on the blade	Not enough water in the pan	Refill the water pan
	Water tap is closed	Open tap on blade guard
	Water supply system is blocked up	Clean water supply system
	Water pump is not working	• Check if pump pulley is driven by the belts • Change the pump

7.3 Customer service

When ordering spare parts, please mention:

- The serial number (seven digits).
- The code of the part.
- The exact denomination.
- The number of parts required.
- The delivery address.
- Please indicate clearly the means of transportation required such as "express" or "by air". Without specific instructions, we will forward the parts through the means which seem appropriate to us --- but which is not always the quickest way.

Clear instructions will avoid problems and faulty deliveries.
If not sure, please send us the defective part.
In the case of a warranty claim, the part must always be returned for evaluation.
Spare parts for the motor can be ordered with the manufacturer of the motor or with their dealer, which is often quicker and cheaper.

This machine has been manufactured by Saint-Gobain Abrasives S.A.

Saint-Gobain Abrasives S.A.
190, Bd. J.F. Kennedy
L- 4930 BASCHARAGE
Grand-Duché de Luxembourg.
Tel. : 00352-50401-1
Fax : 00331 83717792
http://www.construction.norton.eu
e-mail: sales.nlx@saint-gobain.com

7.4 Spare parts

In order to consult the spare parts lists, we invite you to visit the after-sales website of Norton Clipper by using the following address:

https://spareparts.nortonabrasives.com

For a quick access, you can also use the QR Code shown below using your mobile phone:

This electronic catalogue provides exploded views and spare parts lists for different machines designed by Norton Clipper so you can find references you need.

Guarantee can be claimed and technical support obtained from your local distributor where machines, spare parts and consumables can be ordered as well:

SAINT-GOBAIN ABRASIVES
INDUSTRIEWEG 21
9420 ERPE-MERE
BELGIUM
TEL: +32(0) 2 267 21 00

SAINT-GOBAIN CONSTRUCTION
PRODUCTS CZ A.S
DIVIZE ABRASIVES
SMRČKOVA 2485/4
180 00 PRAHA 8
CZECH REPUBLIC
TEL: +420 255 719 326
FAX: +420 255 719 321

SAINT-GOBAIN ABRASIVES A/S
DYBENDALSVÆNGET 2,
DK-2630 TAASTRUP
DENMARK
TEL: +45 4675 5244

PO BOX 643706
FORTUNE TOWER OFFICE 2106
JLT BLOCK C
(NEXT TO METRO STATION)
JUMEIRA LAKE TOWER, DUBAI
UNITED ARAB EMIRATES
TEL: +971 4 431 5154
FAX: +971 4 431 5434

SAINT-GOBAIN ABRASIFS
RUE DE L'AMBASSADEUR - B.P.8
78 702 CONFLANS CEDEX
FRANCE
TEL: +33 (0)1 34 90 40 00
FAX: +33 (0)1 39 19 89 56

SAINT-GOBAIN ABRASIVES GMBH
BIRKENSTRASSE 45-49
D-50389 WESSELING
GERMANY
TEL: +49 (0) 2236 703-0
FAX: +49 (0) 2236 703-730

SAINT-GOBAIN ABRASIVES KFT.
1225 BUDAPEST
BÁNYALÉG U. 60/B.
HUNGARY
TEL: +36 1 371 22 50
FAX: +36 1 371 22 55

SAINT-GOBAIN ABRASIVI S.P.A
VIA PER CESANO BOSCONE 4
I-20094 CORSICO MILANO
ITALY
TEL: +39 02 44 851
FAX: +39 02 44 78 266

SAINT-GOBAIN ABRASIVES S.A.
190 RUE J.F. KENNEDY
L-4930 BASCHARAGE
GRAND DUCHE DE LUXEMBOURG
TEL: +352 50 401 1
FAX: +331 83 717 792
NO. VERT (FRANCE): 0800 906 903

SAINT-GOBAIN ABRASIFS, S.A.
2 ALLÉE DES FIGUIERS
AIN SEBAÂ - CASABLANCA
MOROCCO
TEL: +212 5 22 66 57 31
FAX: +212 5 22 35 09 65

SAINT-GOBAIN ABRASIVES BV
GROENLOSEWEG 28
7151 HW EIBERGEN
P.O. BOX 10
7150 AA EIBERGEN
THE NETHERLANDS
TEL: +31 545 466466
FAX: +31 545 474605

SAINT-GOBAIN ABRASIVES AS
KARIHAUGVEIEN, 89
0186 OSLO
NORWAY
TEL: +47 63 87 06 00
FAX: +47 63 87 06 01

SAINT-GOBAIN HPM POLSKA SP. Z O.O.
UL. NORTON 1, 62-600 KOŁO
62-600 KOŁO
POLAND
TEL: +48 63 26 17 100
FAX: +48 63 27 20 401

SAINT-GOBAIN ABRASIVOS, L. DA
ZONA INDUSTRIAL DA MAIA
I-SECTOR VIII, NO. 122
APARTADO 6050
4476 - 908 MAIA
PORTUGAL
TEL: +351 229 437 940
FAX: +351 229 437 949

SAINT-GOBAIN GLASS
BUSINESS UNIT ABRASIVI
PUNCT DE LUCRU : LOC.VETIS, JUD.
SATU MARE 447355
STR. CAREIULUI 11
PARC INDUSTRIAL RENOVATIO
ROMANIA
TEL: +40 261 839 709
FAX: +40 261 839 710

SG HPM RUS
58, F. ENGELS STR.
STROENIE 2
105082 MOSCOW
RUSSIA
TEL: +74 955 408 355
FAX: +74 959 373 224

SAINT-GOBAIN
ABRASIVES (PTY) LTD
2 MONTEER ROAD
ISANDO 1600
P.O. BOX 67
SOUTH AFRICA
TEL: +27 11 961 2000
FAX: +27 11 961 2184/5

SAINT-GOBAIN ABRASIVOS, S.A.
CTRA. DE GUIPÚZCOA, KM. 7,5
E-31195 BERRIOPLANO (NAVARRA)
SPAIN
TEL: +34 948 306 000
FAX: +34 948 306 042

SAINT GOBAIN ABRASIVES AB
GÅRDSFOGDEVÄGEN 18A
168 66 BROMMA • SVERIGE
SWEDEN
TEL: +46 8 580 881 00
FAX: +46 8 580 881 30

SAINT-GOBAIN INOVATIF MALZEMELER
VE ASINDIRICI SAN. TIC. AS.
ALTAYÇEŞME MAH. ÇAMLI SOK. NO:21
ESAS OFISPARK KAT:9 34843
MALTEPE, İSTANBUL • TURKEY
TEL: 0090-216-217 12 50
FAX: 0090-216-442 40 74

SAINT-GOBAIN ABRASIVES LTD.
UNICORN HOUSE UNIT 1, AMISON CLOSE
REDHILL BUSINESS PARK
STAFFORD ST161WB
UNITED KINGDOM
TEL: +44 1785 279 553
FAX: +44 1785 213 487

SAINT-GOBAIN

Saint-Gobain Abrasifs
190 Rue J.F. Kennedy
L-4930 Bascharage
Grand Duche de Luxembourg
Tel: +352 50 401 1
Fax: +331 83 717 792
no. vert (France) 0800 906 903

www.nortonabrasives.com/fr-fr