

BLOCK CUTTING NOZZLES

AND

MACHINE CUTTING TORCHES

Green cutting system

(for less media consumption and minimised nozzle wear)

Standard cutting systems for replacements



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1. Description Cutting Nozzles

1.1. Block mixing cutting nozzles

With the “block mixing“ cutting nozzle, the fuel gas and heating oxygen for each outlet bore are mixed separately within the cutting nozzle. With this system, there is no ignitable fuel gas / oxygen mixture inside the cutting torch. The individual bores in the cutting nozzle are dimensioned so that the cutting nozzle is flashback-proof throughout the operating pressure range. Due to very high heating capacity this nozzle is especially used for start-of-cut without additional ignition aids. All cutting nozzles mentioned in this catalogue are suitable for iron powder cutting of stainless steel grades.

1.2. Post mixing cutting nozzles

With the “post mixing“ cutting nozzle the fuel gas and heating oxygen are not mixed until they leave the cutting nozzle. Therefore, there is no ignitable fuel gas / oxygen mixture inside the cutting torch or cutting nozzle. The torch is flashback-proof regardless of the pressure setting. The post mixing system results in a very smooth surface with hardly any edge melting.

1.3. Block/post block mixing cutting nozzles

With this type the advantages of the two, the block mixing and post mixing nozzles, are combined in an optimal manner; i.e. high heating capacity and exact cuts.

1.4. GREEN CUTTING SYSTEM

The **GREEN CUTTING SYSTEM** is the latest invention and development due to market inputs. By optimising cutting torches and nozzles it was possible to reach a completely different situation which lead to higher cut speeds and higher nozzle life time resulting in less fuel consumption per cut. Furthermore it is possible to change the operation mode of the nozzle and use the same cut speeds as before at a lower noise level range. With this cutting system the user is enabled to adapt his machine to actual needs avoiding big investments in new machinery and safes the environment to maximum extend.

2. Cutting Nozzles series *NZ1_BMCD* **GREEN CUTTING SYSTEM**

Block mixing cutting nozzle for cutting of steel grades up to 600 mm thickness

NOZZLE TYPE	CUTTING RANGE	ARTICLE NO.
NZ13BMCD	up to 300 mm	NZ13BMCD
NZ16BMCD	up to 600 mm	NZ16BMCD

Construction details:

- the nozzles are completely interchangeable to framag nozzle series DB0___-PM-06
- high cutting speed by optimized design
- economical media consumption by low oxygen metal factor
- long endurance time by large nozzle distance (up to 175 mm)
- “flying” start of cut due to high heating capacity
- high reliability of operation by cone shaped sealing
- high economy by small cutting kerf
- long lifetime by easy maintenance
- multilateral application, for cold and hot steel grades
- suitable for all practicable fuel gases (except acetylene)
- suitable for all machine cutting torches of the *TR1__MCD* or *PRESTOCUT C 600* series (cutting nozzle *NZ16BMCD* can be used for torch *TR135MCD* or PRESTOCUT C 635 up to 500 mm cutting thickness only)



Technical data: (Consumption data acc. DIN 1945)

			Pressure at torch inlet			Consumption			
Cutting nozzle type	Cutting range (mm)	Type of fuel gas	Cutting oxygen (bar)	Heating oxygen (bar)	Fuel gas (bar)	Cutting oxygen (m³N/h)	Heating oxygen (m³N/h)	Fuel gas (m³N/h)	Cutting kerf width (mm)
NZ13BMCD	up to 300	Nat. gas Propane	10	1,0	0,3 - 0,5	50	12,5	17,0	6 - 7
			10	1,0	0,3	50	10	4,5	6 - 7
NZ16BMCD	up to 600	Nat. Gas Propane	10	0,3 – 0,7	0,2 - 0,3	100	4 - 11	6 - 9	8 - 10
			10	0,9 – 1,5	0,2 – 0,4	100	13 - 17	6 - 12	8 - 10

3. Cutting Nozzles series *NZ1_PMCD* **GREEN CUTTING SYSTEM**

Post mixing cutting nozzle for cutting of steel grades up to 600 mm thickness

NOZZLE TYPE	CUTTING RANGE	ARTICLE NO.
NZ13PMCD	up to 300 mm	NZ13PMCD
NZ14PMCD	up to 400 mm	NZ14PMCD
NZ16PMCD	up to 600 mm	NZ16PMCD

Construction details:

- the nozzles are completely interchangeable to framag nozzle series PB0___-PM-06
- high cutting speed by optimized design
- economical media consumption by low oxygen metal factor
- long endurance time by large nozzle distance (up to 175 mm)
- “flying“ start of cut due to high heating capacity
- high reliability of operation by cone shaped sealing
- high economy by smallest cutting kerf
- long lifetime by easy maintenance
- multilateral application, for cold and hot steel grades
- suitable for all practicable fuel gases (except acetylene)
- suitable for all machine cutting torches of the *TR1__MCD* or *PRESTOCUT C 600* series (cutting nozzle *NZ16PMCD* cannot be used for torch *TR135MCD* or PRESTOCUT C 635)



Technical data: (Consumption data acc. DIN 1945)

			Pressure at torch inlet			Consumption			
Cutting nozzle type	Cutting range (mm)	Type of fuel gas	Cutting oxygen (bar)	Heating oxygen (bar)	Fuel gas (bar)	Cutting oxygen (m³N/h)	Heating oxygen (m³N/h)	Fuel gas (m³N/h)	Cutting kerf width (mm)
NZ13PMCD	up to 300	Nat. gas	10	0,5	0,4	50	3	10	6 - 7
		Propane	10	0,6	0,3	50	4	4	6 - 7
NZ14PMCD	up to 400	Nat. Gas	10	0,5	0,4	70	3	12	8 - 10
		Propane	10	0,6	0,3	70	4	5	8 - 10
NZ16PMCD	up to 600	Nat. Gas	10	0,5	0,4	100	3	15	8 - 10
		Propane	10	0,6	0,3	100	4	6	8 - 10

4. Cutting Nozzles series *NZ2_PMCD* **GREEN CUTTING SYSTEM**

Post mixing cutting nozzle for cutting of steel grades up to 1200 mm thickness

NOZZLE TYPE	CUTTING RANGE	ARTICLE NO.
NZ23PMCD	up to 300 mm	NZ23PMCD
NZ26PMCD	up to 600 mm	NZ26PMCD
NZ29PMCD	up to 900 mm	NZ29PMCD
NZ2CPMCD	up to 1200 mm	NZ2CPMCD

Construction details:

- the nozzles are completely interchangeable to framag nozzle series PB0___-PM-12
- high cutting speed by optimized design
- smooth surface with small edge melting
- economical media consumption by low oxygen metal factor
- long endurance time by large nozzle distance
- “flying“ start of cut due to high heating capacity
- high reliability of operation by cone shaped sealing
- high economy by smallest cutting kerf
- long lifetime by easy maintenance
- multilateral application, for cold and hot steel grades
- suitable for all practicable fuel gases (except acetylene)
- suitable for all machine cutting torches of the *TR2__MCD* or *PRESTOCUT 1200* series



Technical data: (Consumption data acc. DIN 1945)

			Pressure at torch inlet			Consumption			
Cutting nozzle type	Cutting range (mm)	Type of fuel gas	Cutting oxygen (bar)	Heating oxygen (bar)	Fuel gas (bar)	Cutting oxygen (m³N/h)	Heating oxygen (m³N/h)	Fuel gas (m³N/h)	Cutting kerf width (mm)
NZ23PMCD	up to 300	Nat. gas	5 - 8	0,2 – 0,3	0,2 – 0,3	35 - 60	5 - 7	10 - 15	5 - 10
		Propane	5 - 8	0,2 – 0,3	0,1 – 0,3	35 - 60	5 - 7	4 - 6	5 - 10
NZ26PMCD	up to 600	Nat. Gas	6 - 9	0,3 – 0,5	0,3 – 0,5	60 - 120	7 - 10	15 - 30	10 - 15
		Propane	6 - 9	0,3 – 0,5	0,2 – 0,3	60 - 120	7 - 10	6 - 10	10 - 15
NZ29PMCD	up to 900	Nat. Gas	7 - 10	0,4 – 0,6	0,5 – 0,8	140 - 200	10 - 18	30 - 35	15 - 20
		Propane	7 - 11	0,4 – 0,6	0,2 – 0,3	140 - 200	10 - 18	10 - 20	15 - 20
NZ2CPMCD	up to 1200	Nat. Gas	7 - 11	0,6 – 0,8	0,5 – 0,9	190 - 290	16 - 28	45 - 75	15 - 30
		Propane	7 - 11	0,6 – 0,8	0,3 – 0,4	190 - 290	16 - 28	20 - 30	15 - 30

5. Cutting Nozzles series *NZ3_PMCD* **GREEN CUTTING SYSTEM**

Post mixing cutting nozzle for cutting of steel grades up to 2000 mm thickness

NOZZLE TYPE	CUTTING RANGE	ARTICLE NO.
NZ33PMCD	up to 300 mm	NZ33PMCD
NZ36PMCD	up to 600 mm	NZ36PMCD
NZ37PMCD	up to 700 mm	NZ37PMCD
NZ39PMCD	up to 900 mm	NZ39PMCD
NZ3CPMCD	up to 1200 mm	NZ3CPMCD
NZ3FPMCD	up to 1500 mm	NZ3FPMCD
NZ3KPMCD	up to 2000 mm straight	NZ3KPMCD
NZ3KPMCS	up to 2000 mm shapes	NZ3KPMCS

Construction details:

- the nozzles are completely interchangeable to framag nozzle series PB0___-PM-15
- high cutting speed by optimized design
- smooth surface with small edge melting
- economical media consumption by low oxygen metal factor
- long endurance time by large nozzle distance
- “flying“ start of cut due to high heating capacity
- high reliability of operation by cone shaped sealing
- high economy by smallest cutting kerf
- long lifetime by easy maintenance
- multilateral application, for cold and hot steel grades
- suitable for all practicable fuel gases (except acetylene)
- suitable for machine cutting torches *TR37AMCD* or *PRESTOCUT 1571*



Technical data: (Consumption data acc. DIN 1945)

			Pressure at torch inlet			Consumption			
Cutting nozzle type	Cutting range (mm)	Type of fuel gas	Cutting oxygen (bar)	Heating oxygen (bar)	Fuel gas (bar)	Cutting oxygen (m³N/h)	Heating oxygen (m³N/h)	Fuel gas (m³N/h)	Cutting kerf width (mm)
NZ33PMCD	up to 300	Nat. gas Propane	5 - 8	0,2 – 0,3	0,2 – 0,3	35 - 60	5 - 7	10 - 15	5 - 10
			5 - 8	0,2 – 0,3	0,1 – 0,3	35 - 60	5 - 7	4 - 6	5 - 10
NZ36PMCD	up to 600	Nat. Gas Propane	6 - 9	0,3 – 0,5	0,3 – 0,5	60 - 120	7 - 10	15 - 30	10 - 15
			6 - 9	0,3 – 0,5	0,2 – 0,3	60 - 120	7 - 10	6 - 10	10 - 15
NZ37PMCD	up to 700	Nat. Gas Propane	6 - 9	0,3 – 0,5	0,3 – 0,5	65 - 130	7 - 10	15 - 30	12 - 18
			6 - 9	0,3 – 0,5	0,2 – 0,3	65 - 130	7 - 10	6 - 10	12 - 18
NZ39PMCD	up to 900	Nat. Gas Propane	7 - 10	0,4 – 0,6	0,5 – 0,8	140 - 200	10 - 18	30 - 35	15 - 20
			7 - 10	0,4 – 0,6	0,2 – 0,3	140 - 200	10 - 18	10 - 20	15 - 20
NZ3CPMCD	up to 1200	Nat. Gas Propane	8 - 11	0,6 – 0,8	0,5 – 0,9	190 - 290	16 - 28	45 - 75	15 - 30
			8 - 11	0,6 – 0,8	0,3 – 0,4	190 - 290	16 - 28	20 - 30	15 - 30
NZ3FPMCD	up to 1500	Nat. Gas Propane	8 - 11	0,6 – 0,8	1 – 1,2	350 - 430	25 - 33	80 - 100	25 - 40
			8 - 11	0,6 – 0,8	0,4 – 0,6	350 - 430	25 - 33	25 - 40	25 - 40
NZ3KPMCD	up to 2000	Nat. Gas Propane	7 - 11	0,6 – 0,8	1 – 1,2	380 - 500	28 - 40	45 - 75	30 - 50
			7 - 11	0,6 – 0,8	0,4 – 0,6	380 - 500	28 - 40	30 - 45	30 - 50
NZ3KPMCS	up to 2000	Nat. Gas Propane	7 - 11	0,6 – 0,8	1 – 1,2	380 - 500	28 - 50	45 - 85	30 - 50
			7 - 11	0,6 – 0,8	0,4 – 0,6	380 - 500	28 - 50	30 - 55	30 - 50

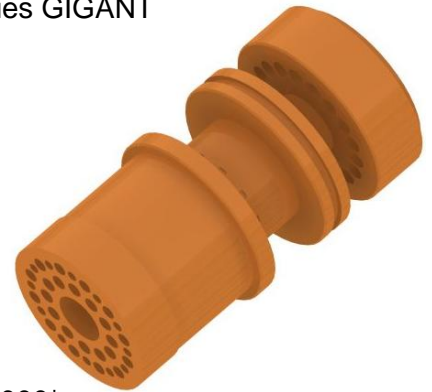
6. Description Block Cutting Nozzles series *NZ4_PMCD*

Post mixing cutting nozzle for cutting of steel grades up to 2500 mm thickness

NOZZLE TYPE	CUTTING RANGE	ARTICLE NO.
NZ4CPMCD	up to 1200 mm	NZ4CPMCD
NZ4KPMCD	up to 2000 mm	NZ4KPMCD
NZ4PPMCD	up to 2500 mm	NZ4PPMCD

Construction details:

- the nozzles are completely interchangeable to framag nozzle series GIGANT
- high cutting speed by optimized design
- smooth surface with small edge melting
- economical media consumption by low oxygen metal factor
- long endurance time by large nozzle distance
- “flying“ start of cut due to high heating capacity
- high reliability of operation by cone shaped sealing
- high economy by smallest cutting kerf
- long lifetime by easy maintenance
- multilateral application, for cold and hot steel grades
- suitable for all practicable fuel gases (except acetylene)
- suitable for machine cutting torches *TR47AMCD* or *GIGANT 2000*



Technical data: (Consumption data acc. DIN 1945)

			Pressure at torch inlet			Consumption			
Cutting nozzle type	Cutting range (mm)	Type of fuel gas	Cutting oxygen (bar)	Heating oxygen (bar)	Fuel gas (bar)	Cutting oxygen (m³N/h)	Heating oxygen (m³N/h)	Fuel gas (m³N/h)	Cutting kerf width (mm)
NZ4CPMCD	up to 1200	Nat. gas	7 - 10	0,2 – 0,3	0,8 – 1,1	220 - 320	23 - 30	70 - 90	20 - 40
		Propane	7 - 10	0,3	0,3 – 0,4	220 - 320	28 - 30	30 - 32	20 - 40
NZ4KPMCD	up to 2000	Nat. Gas	5 - 7	0,3	1,2	375 - 500	33	100	30 - 50
		Propane	5 - 7	0,3	0,4	375 - 500	33	35	30 - 50
NZ4PPMCD	up to 2500	Nat. Gas	5 - 7	0,3	1,2	450 - 600	33	100	65 - 100
		Propane	5 - 7	0,3	0,4	450 - 600	33	35	65 - 100

Additional Fuel gas:

The additional fuel gas is necessary for cutting above 1500 mm thickness.

The Torch TR47BMCD is designed to be used with an additional fuel gas inserted into the cutting flame by an integrated separate nozzle. Due to the combination of the separate nozzle and the guiding inside the torch head, complicated adjustment works are not necessary.

For cutting above 2000 mm thickness a second additional fuel gas supply is necessary, which will be attached outside the torch body with automatic alignment clips.

			Pressure at torch inlet	Consumption
Cutting nozzle type	Cutting range (mm)	Type of fuel gas	Additional Fuel gas (bar)	Additional Fuel gas (m³N/h)
NZ4KPMCD	up to 2000	Nat. gas	1,5 – 2,0	130 - 160
		Propane	0,8 – 1,1	45 - 55
NZ4PPMCD	up to 2500	Nat. gas	2,0 – 4,0	250 - 300
		Propane	1,5 – 2,0	100 - 150

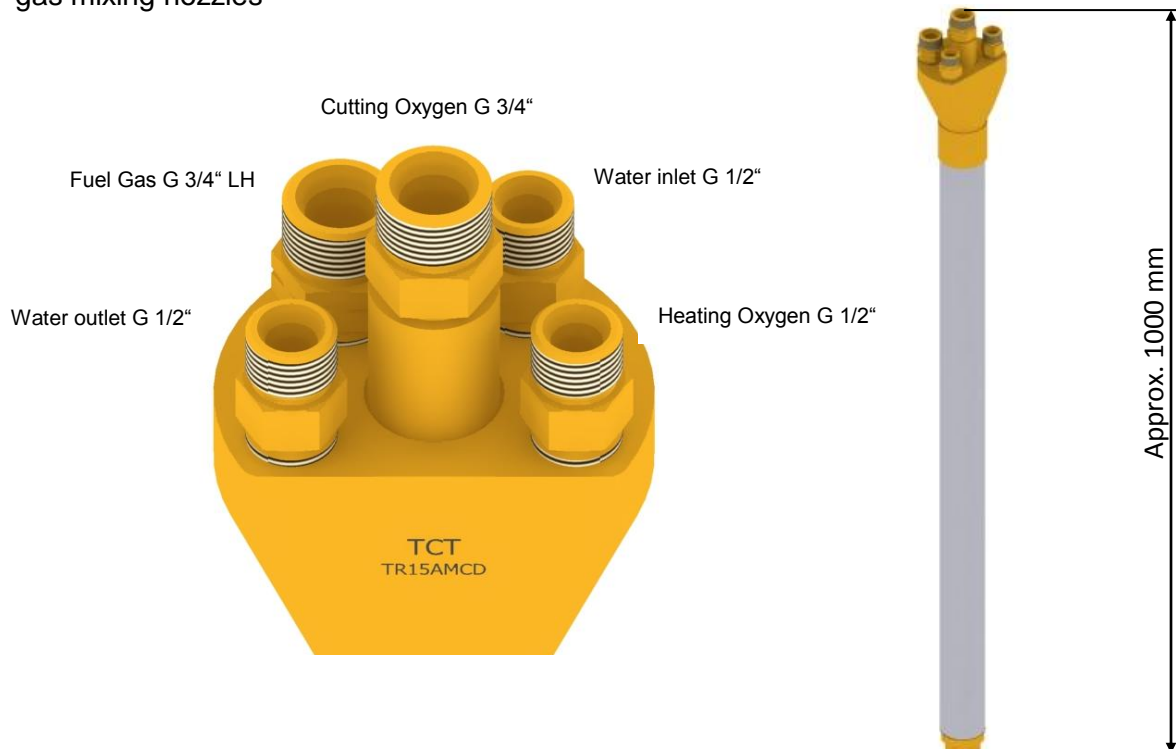
7. Machine Cutting Torch *TR15AMCD* GREEN CUTTING SYSTEM

Application:

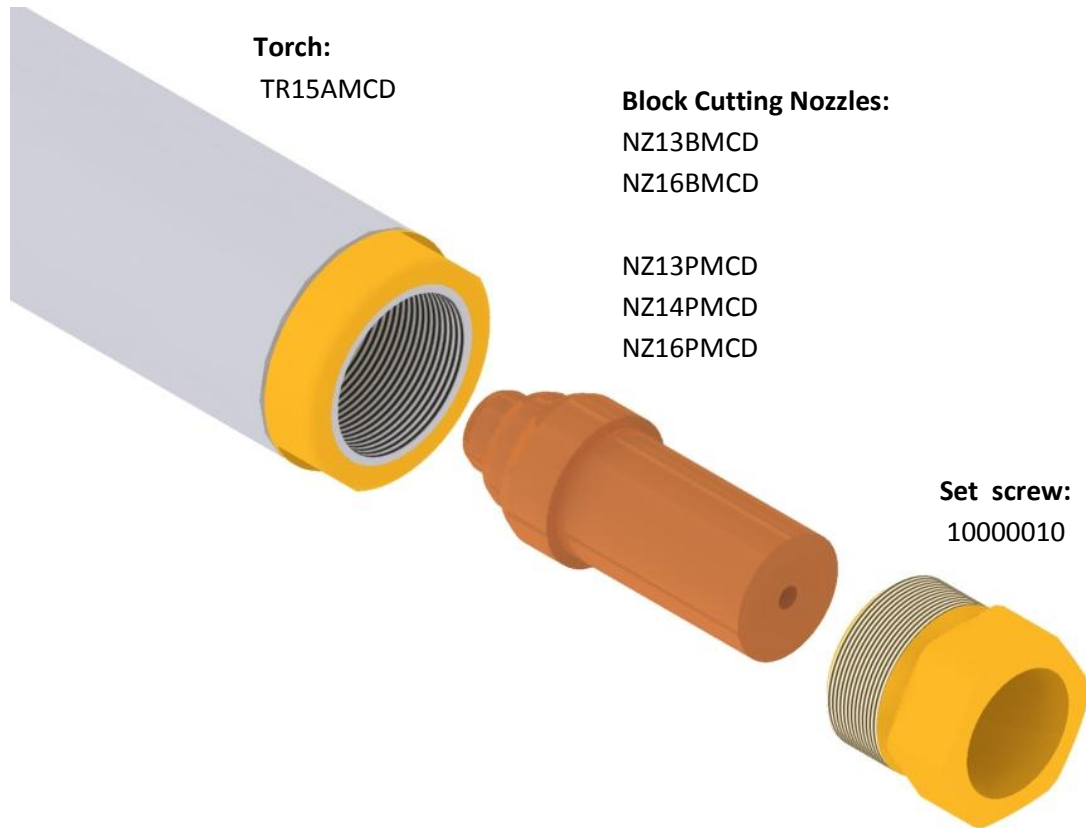
Machine cutting torches for cutting of cold or hot, alloyed or unalloyed steel grades up to 600 mm thickness

Construction details:

- heavy-duty steel mill design
- standard lengths: 500 mm / 1.000 mm
- stainless steel shaft tube, 50 mm diameter, with silver-soldered connections
- large-dimensioned connections acc. to EN 560, therefore minimum pressure loss
- water-cooling directly to nozzle seat
(during operation without water-cooling connections must be closed with sintered metal filters)
- N/C-manufactured cone design, large sealing surface and therefore optimum leak-proof and heat elimination
- separation of cutting nozzle and set screw, therefore, no relative motion during tightening, i.e. no abrasion on sealing surface
- HELICOIL insert inside of torch head thread, therefore, excellent release of set screw also after heat influence
- easy repair of the cutting torch
- integrated pilot flame during operation with post mixing nozzles, resp. separated pilot torch for gas mixing nozzles



Accessories:



Torch:
TR15AMCD

Block Cutting Nozzles:

NZ13BMCD
NZ16BMCD

NZ13PMCD
NZ14PMCD
NZ16PMCD

Set screw:
1000010

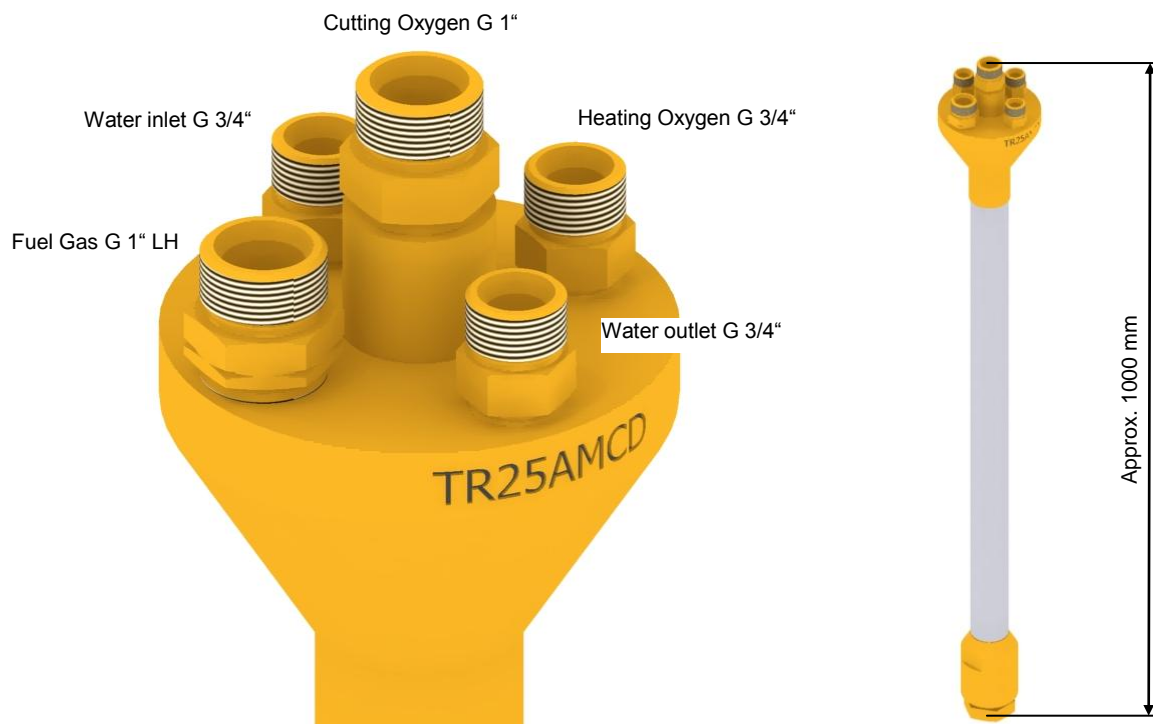
8. Machine Cutting Torch *TR25AMCD* **GREEN CUTTING SYSTEM**

Application:

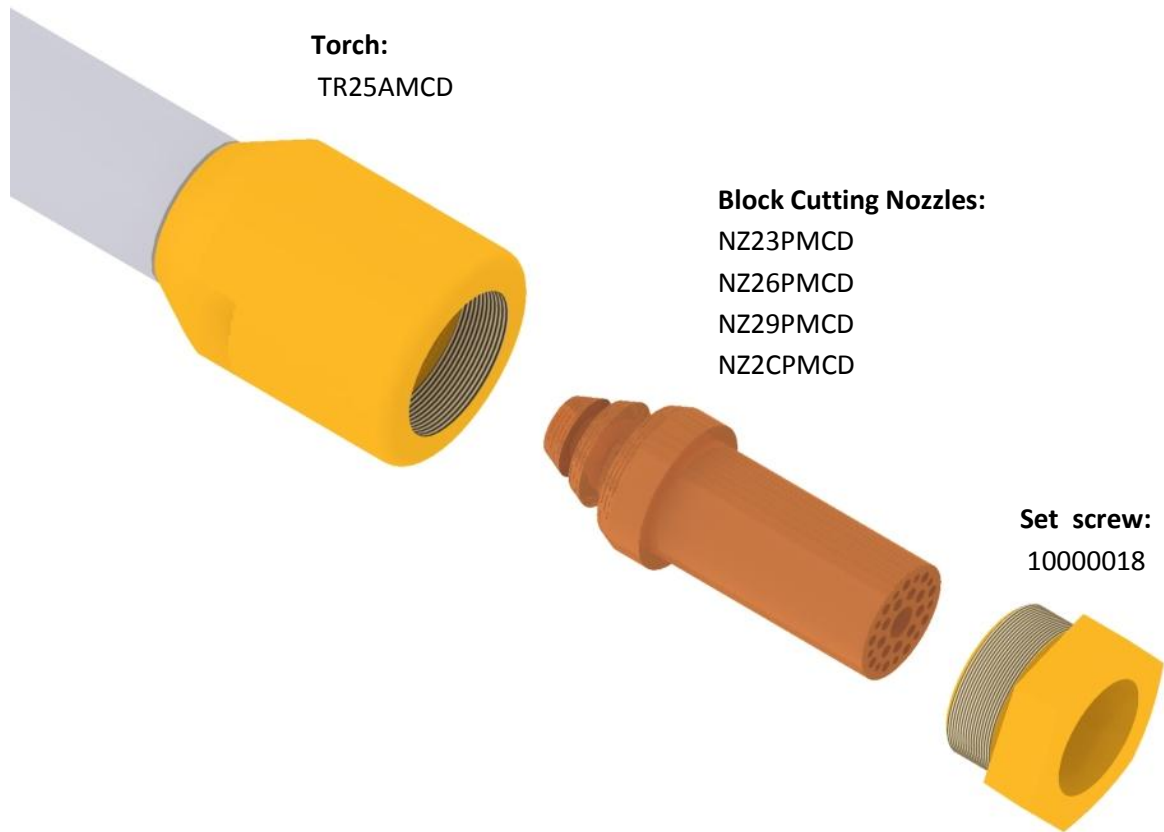
Machine cutting torches for cutting of cold or hot, alloyed or unalloyed steel grades up to 1200 mm thickness

Construction details:

- heavy-duty steel mill design
- standard lengths: 500 mm / 1.000 mm
- stainless steel shaft tube, 50 mm diameter, with silver-soldered connections
- large-dimensioned connections acc. to EN 560, therefore minimum pressure loss
- water-cooling directly to nozzle seat
(during operation without water-cooling connections must be closed with sintered metal filters)
- N/C-manufactured cone design, large sealing surface and therefore optimum leak-proof and heat elimination
- separation of cutting nozzle and set screw, therefore, no relative motion during tightening, i.e. no abrasion on sealing surface
- HELICOIL insert inside of torch head thread, therefore, excellent release of set screw also after heat influence
- easy repair of the cutting torch
- integrated pilot flame during operation with post mixing nozzles



Accessories:



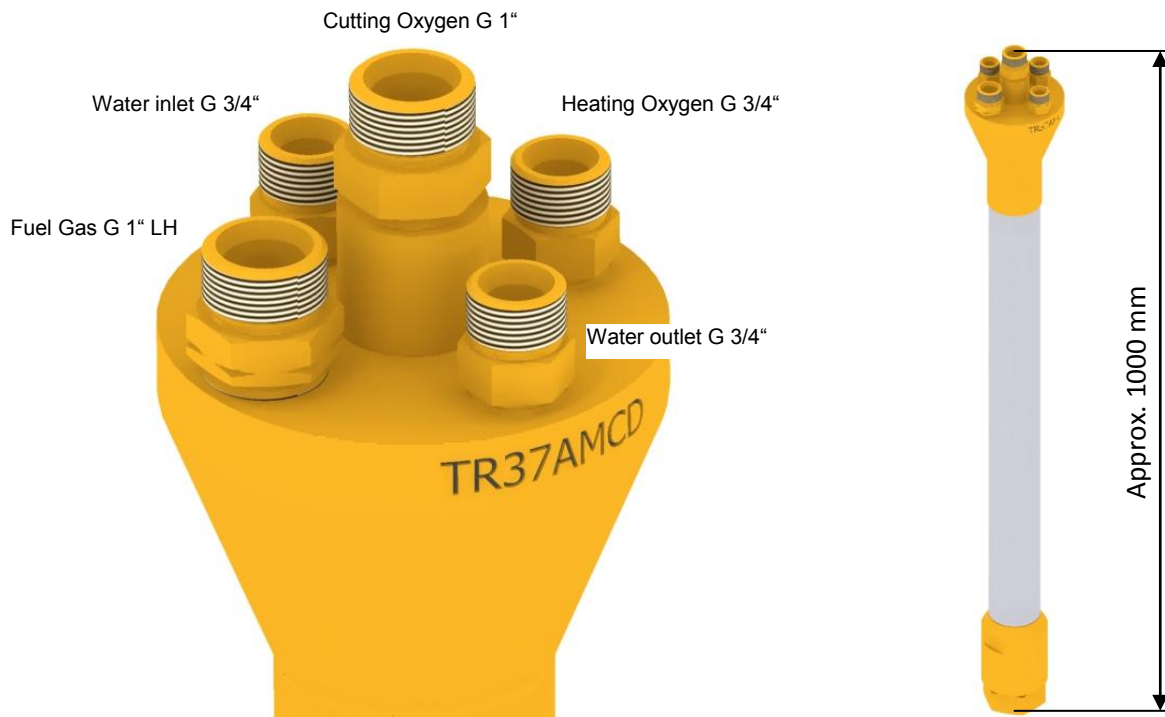
9. Machine Cutting Torch *TR37AMCD* GREEN CUTTING SYSTEM

Application:

Machine cutting torches for cutting of cold or hot, alloyed or unalloyed steel grades up to 2000 mm thickness

Construction details:

- heavy-duty steel mill design
- standard length: 1.000 mm
- stainless steel shaft tube, 70 mm diameter, with silver-soldered connections
- large-dimensioned connections acc. to EN 560, therefore minimum pressure loss
- water-cooling directly to nozzle seat
(during operation without water-cooling connections must be closed with sintered metal filters)
- N/C-manufactured cone design, large sealing surface and therefore optimum leak-proof and heat elimination
- separation of cutting nozzle and set screw, therefore, no relative motion during tightening, i.e. no abrasion on sealing surface
- HELICOIL insert inside of torch head thread, therefore, excellent release of set screw also after heat influence
- easy repair of the cutting torch
- integrated pilot flame during operation with post mixing nozzles



Accessories:

Torch:
TR37AMCD

Block Cutting Nozzle:

NZ33PMCD
NZ36PMCD
NZ37PMCD
NZ39PMCD
NZ3CPMCD
NZ3FPMCD

Set screw:
1000028

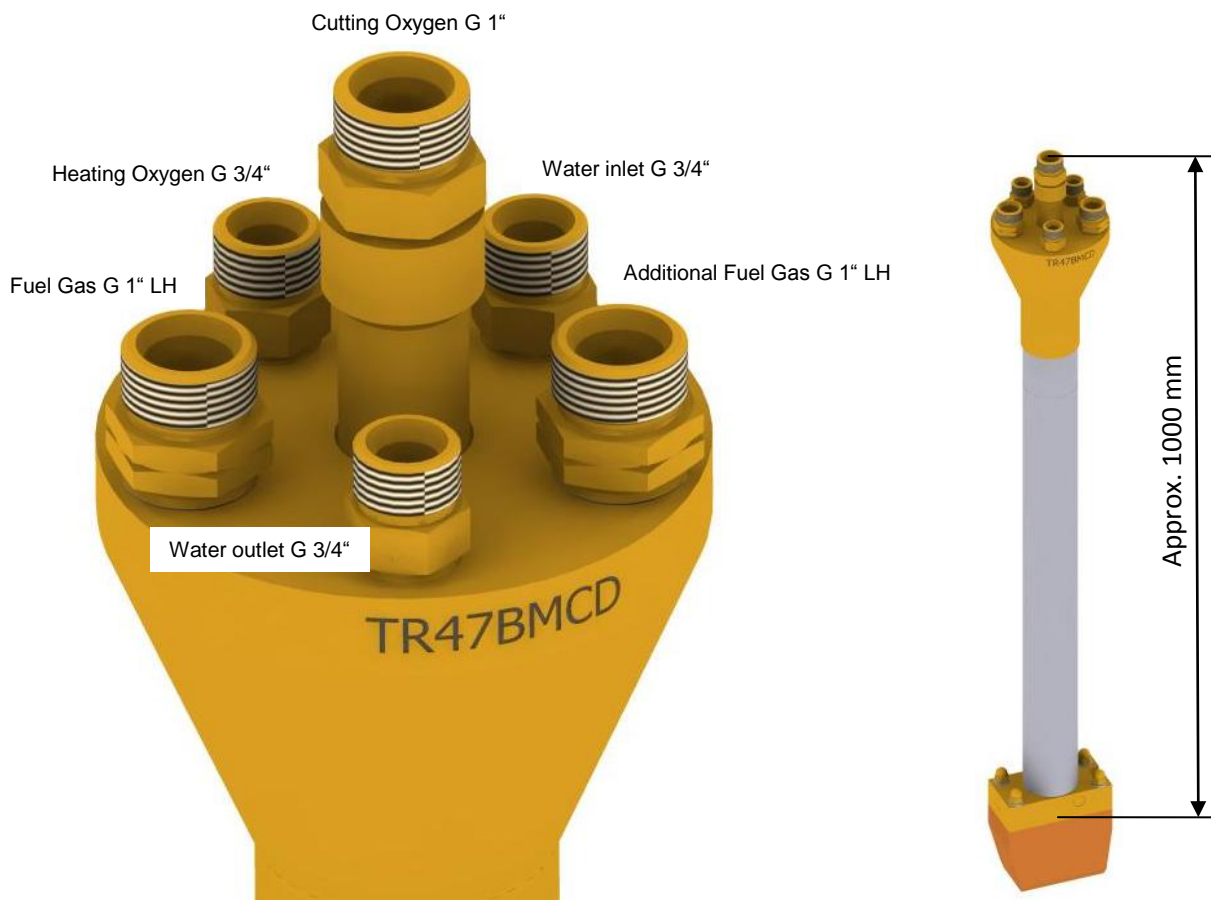
10. Machine Cutting Torch *TR47BMCD*

Application:

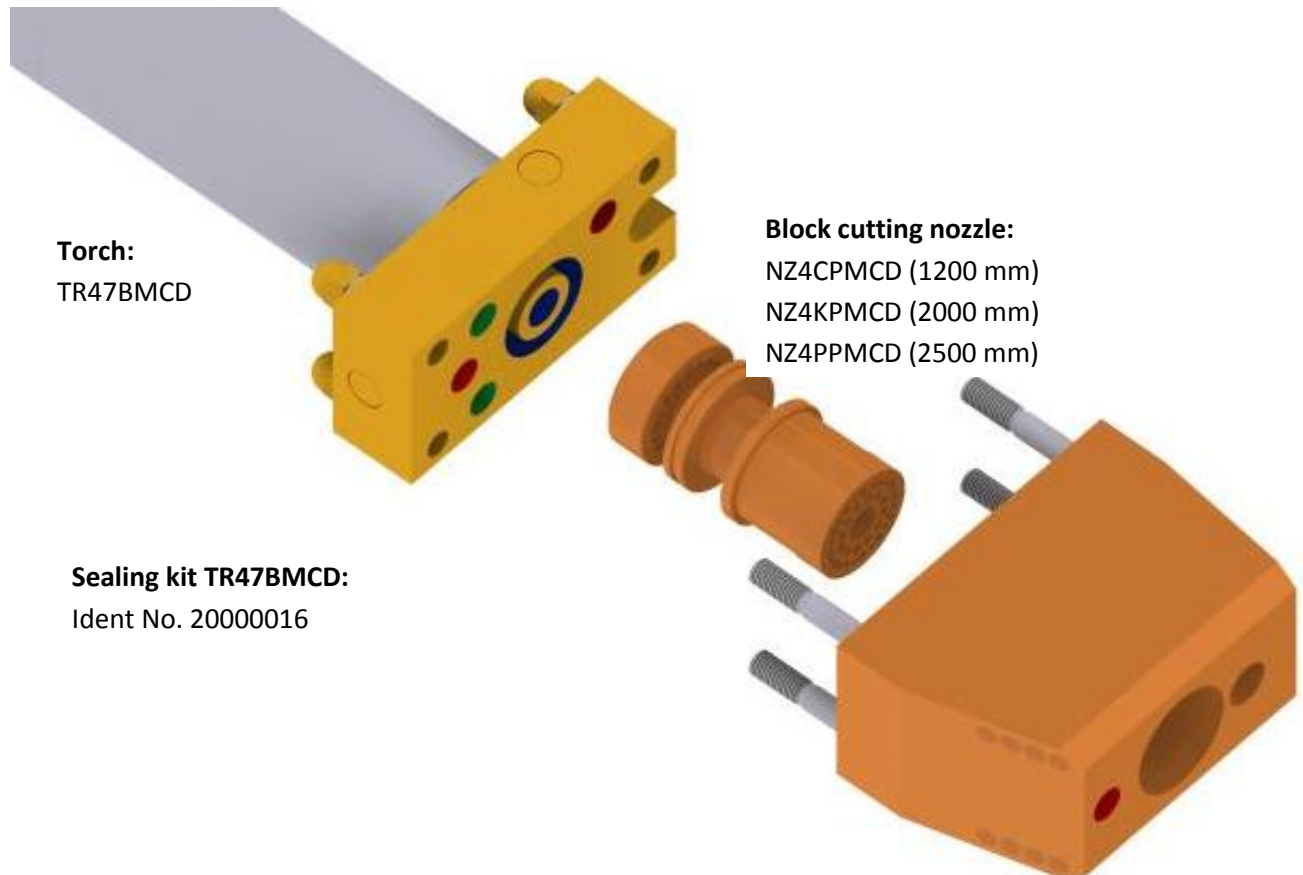
Machine cutting torches for cutting of cold or hot, alloyed or unalloyed steel grades up to 2500 mm thickness

Construction details:

- heavy-duty steel mill design
- standard length: 1.000 mm
- stainless steel shaft tube, 70 mm diameter, with silver-soldered connections
- large-dimensioned connections acc. to EN 560, therefore minimum pressure loss
- water-cooling directly to nozzle seat
(during operation without water-cooling connections must be closed with sintered metal filters)
- N/C-manufactured design, O-ring sealing surface and therefore optimum leak-proof and heat elimination



Accessories:



11. Machine Cutting Torch *TG15AMCD*

Application:

Machine cutting torches for cutting of cold or hot, alloyed or unalloyed steel grades up to 600 mm thickness, designed as full replacement of GeGa-torches

Construction details:

- standard lengths: 500 mm / 1.000 mm / 1.300 mm
- shaft tube, 50 mm diameter in brass or stainless steel
- N/C-manufactured flat sealing-design,
- integrated pilot flame during operation with post mixing nozzles, resp. separated pilot torch for gas mixing nozzles



TG15AMCD

Connections for hoses made of flexible copper tubes.
Torch shaft made of brass.

Torch length: 1300 mm Ident no.: XXXXX
Torch length: 1000 mm Ident no.: XXXXX
Torch length: 500 mm Ident no.: XXXXX

TG15AMCD

Connections for hoses made of a massive brass block.
Torch shaft made of brass.

Torch length: 1000 mm Ident no.: XXXXXXXX
Torch length: 500 mm Ident no.: XXXXXXXX

TG15AMCD

Connections for hoses made of a massive brass block.
Torch shaft made of stainless steel.

Torch length: 1000 mm Ident no.: XXXXXXXX
Torch length: 500 mm Ident no.: XXXXXXXX

11. Cutting Nozzles series *NZM0__MD*

Block mixing cutting nozzle for cutting of steel grades up to 500 mm thickness

NOZZLE TYPE	ARTICLE NO.	RANGE	EQUAL TO
NZM018MD	NZM018MD	up to 300 mm	SDS18F
NZM026MD	NZM026MD	up to 400 mm	SDS26F
NZM036MD	NZM036MD	up to 500 mm	SDS36F
NZM040MD	NZM040MD	Up to 500 mm	SDS40F

Construction details:

- the nozzles are completely interchangeable to GeGa-nozzles
- high cutting speed by optimized design from TCT
- “flying“ start of cut due to high heating capacity
- flat shaped sealing
- multilateral application, for cold and hot steel grades
- suitable for all practicable fuel gases (except acetylene)
- suitable for all machine cutting torches of the *TG15AMCD* series



Technical data: (Consumption data acc. DIN 1945)

			Pressure at torch inlet			Consumption			
Cutting nozzle type	Cutting range (mm)	Type of fuel gas	Cutting oxygen (bar)	Heating oxygen (bar)	Fuel gas (bar)	Cutting oxygen (m³N/h)	Heating oxygen (m³N/h)	Fuel gas (m³N/h)	Cutting kerf width (mm)
NZM018MD	up to 300	Nat. gas	18	2 - 3	1,4 – 2,2	30	16	25	5 - 7
		Propane	18	2 - 3	0,5–0,8	30	16	10	5 - 7
NZM026MD	up to 300	Nat. Gas	14	2 - 3	1,4 – 2,2	45	16	25	7 - 10
		Propane	14	2 - 3	0,5–0,8	45	16	10	7 - 10
NZM036MD	up to 500	Nat. Gas	12	2 - 3	1,4 – 2,2	45	16	25	7 - 12
		Propane	12	2 - 3	0,5–0,8	45	16	10	7 - 12
NZM040MD	up to 500	Nat. Gas	10	2 - 3	1,4 – 2,2	45	16	25	7 - 12
		Propane	10	2 - 3	0,5–0,8	45	16	10	7 - 12

12. Cutting Nozzles series *NZMP__MD*

Block-post mixing cutting nozzle for cutting of steel grades up to 500 mm thickness

NOZZLE TYPE	ARTICLE NO.	RANGE	EQUAL TO
NZMP18MD	NZMP18MD	up to 300 mm	SDS18FP
NZMP26MD	NZMP26MD	up to 400 mm	SDS26FP
NZMP33MD	NZMP33MD	up to 500 mm	SDS36FP
NZMP36MD	NZMP36MD	Up to 500 mm	SDS40FP

Construction details:

- the nozzles are completely interchangeable to GeGa-nozzles
- high cutting speed by optimized design from TCT
- flat shaped sealing
- for cold and hot stainless steel grades in combination with iron powder
- suitable for all practicable fuel gases (except acetylene)
- suitable for all machine cutting torches of the *TG15AMCD* series

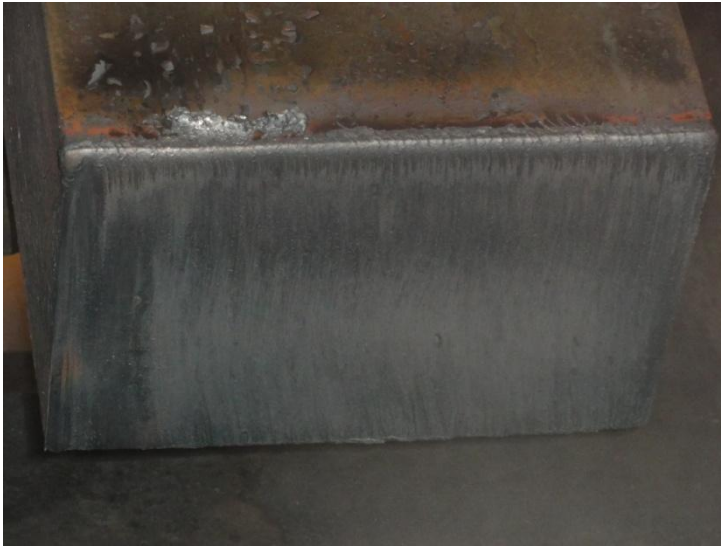


Technical data: (Consumption data acc. DIN 1945)

			Pressure at torch inlet			Consumption			
Cutting nozzle type	Cutting range (mm)	Type of fuel gas	Cutting oxygen (bar)	Heating oxygen (bar)	Fuel gas (bar)	Cutting oxygen (m³N/h)	Heating oxygen (m³N/h)	Fuel gas (m³N/h)	Cutting kerf width (mm)
NZMP18MD	up to 300	Nat. gas	18	1,5–1,8	1,1	30	8	6 - 10	5 - 7
		Propane	18	1,5–1,8	0,5	30	8	2 - 4	5 - 7
NZMP26MD	up to 300	Nat. Gas	14	1,5–1,8	1,1	30	8	6 - 10	7 - 10
		Propane	14	1,5–1,8	0,5	30	8	2 - 4	7 - 10
NZMP33MD	up to 500	Nat. Gas	12	1,5–1,8	1,1	30	8	6 - 16	7 - 12
		Propane	12	1,5–1,8	0,5	30	8	2 - 6	7 - 12
NZMP36MD	up to 500	Nat. Gas	10	1,5–1,8	1,1	30	8	6 - 16	7 - 12
		Propane	10	1,5–1,8	0,5	30	8	2 - 6	7 - 12

Note:

We request your understanding that we reserve the right to make technical changes at any time to the machine cutting torches, block cutting nozzles and accessories, compared with the data and illustrations. For any question, if a torch or nozzle maybe suitable for your application, please do not hesitate to contact us or our representative.



cold cutting of 400 x 300 mm bloom



hot cutting of slab 250 mm thickness

