



# CARAT PRODUCT CATALOGUE





 **CARAT**<sup>®</sup>





## DIAMOND BLADES

CHOOSING THE RIGHT DIAMOND BLADE	4
FOR UNIVERSAL USE	6
FOR CONCRETE AND HARD STONE MATERIALS	10
FOR BRICK AND ASPHALT	13
FOR TILES AND NATURAL STONE	15
FOR PLASTICS	19
FOR FIBRE CEMENT MATERIALS	20
FOR DO-IT-YOURSELF	21
DUSTCATCH®	22



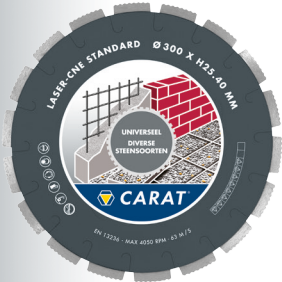
## CHOOSING THE RIGHT DIAMOND BLADE

Four important questions for choosing the right diamond blade:



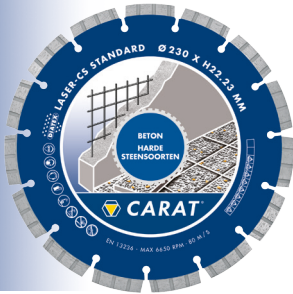
### Which material?

The range of Carat diamond blades is subdivided into 5 colours that clearly indicate their application:



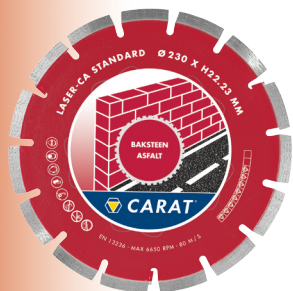
### UNIVERSAL, VARIOUS STONE MATERIALS

Diamond blades suited for alternate cutting of medium hard to hard stone. This saves time because there is no need to swap diamond blades when sawing different types of stone.



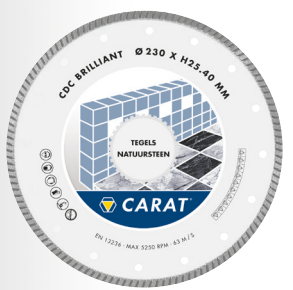
### CONCRETE, HARD STONE MATERIALS

Ideal for sawing (reinforced) concrete, pebble dashed concrete tiles, concrete blocks, granite, paving bricks and all other hard to very hard types of stone.



### BRICK, ASPHALT

For sawing soft, abrasive types of stone such as brick, limestone, asphalt, concrete younger than 28 days, etc.



### TILES, NATURAL STONE

For sawing wall and floor tiles as well as natural stone such as marble and granite. The narrow opening between segments or the continuous rim guarantees a chip less cut.



### ETERNIT® SIDINGS®, FIBRE CEMENT PANELS

Diamond blades for sawing fibre cement and Eternit® Sidings® façade elements.

## CHOOSING THE RIGHT DIAMOND BLADE



### Which machine?

An icon indicates on which machine the diamond blades can be used.



Angle grinder



Cut-off grinder



Table saw



Wall saw



Floor saw



Tile saw



Cross cut saw

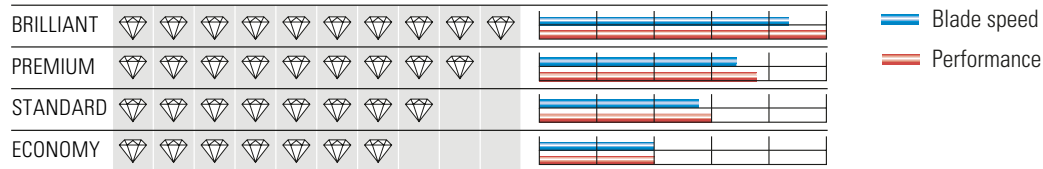


Circular saw



### What quality?

The amount of diamonds mentioned in the diamond blades indicates the quality level. The more diamonds there are in the bar the higher the quality and performance.



### Properties of sawing blades,

#### Grinding cups and flush cutting blades



Segment height.



Laserwelded, 100% warranty against weld breakage.



Diatex



Sandwichblade: specially developed for extreme noise reduction.



Low noise.



Segment width.



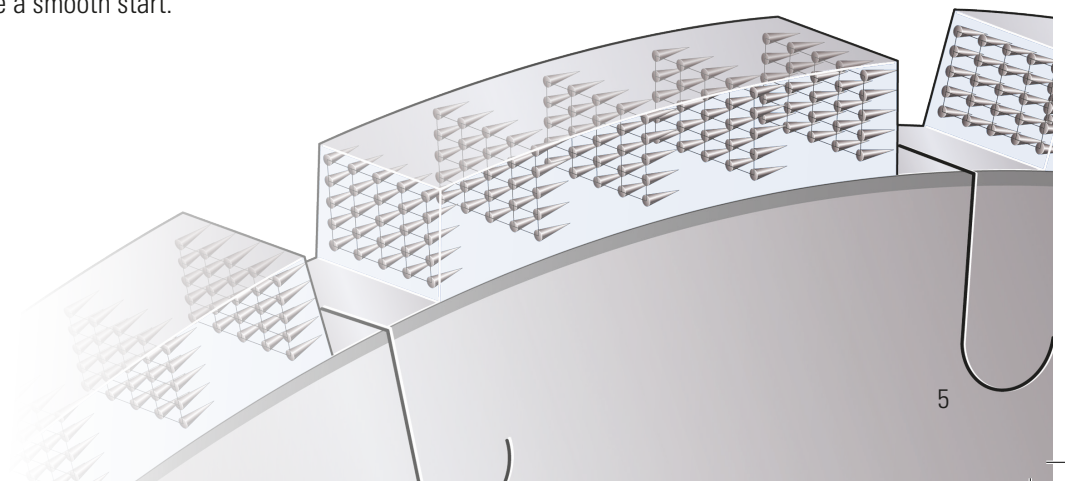
TT-segments: Segments with a revolutionary corrugated point. These guarantee a smooth start.

### What is Diatex?

When producing these segments the diamonds are placed like in a matrix.

The distance between each diamond is identical and they are stacked in layers throughout the segment. After wearing one layer off, an entirely new layer will appear. Due to this process, each diamond is 100% utilised and the blade is sharp its whole life.

Resulting in a significant increased lifespan and blade speed.

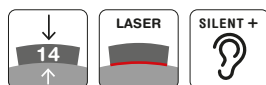


## DIAMOND BLADES FOR UNIVERSAL USE

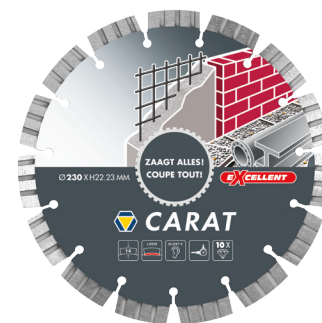


## LASER UNIVERSAL BRILLIANT, type 'EXCELLENT'

- saws anything! Reinforced concrete, all hard stone materials, brick, limestone, steel, iron

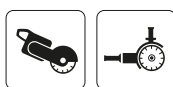


Ø mm	arbour hole Ø mm	order number
230	22,23	CER2303000
350	20,00	CER3502000
350	25,40	CER3504000

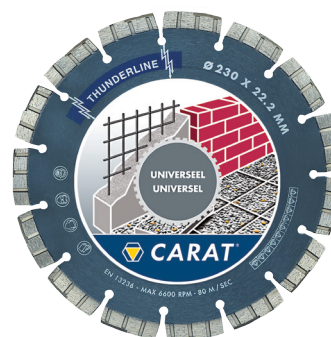


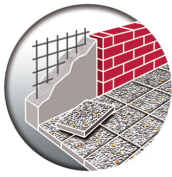
## LASER UNIVERSAL BRILLIANT, type THUNDERLINE

- saws super-fast in medium hard to hardstone
- high performance



Ø mm	arbour hole Ø mm	order number
115	22,23	CEB11530TT
125	22,23	CEB12530TT
140	22,23	CEB14030TT
150	22,23	CEB15090TT
150	30,00	CEB15050TT
180	22,23	CEB18030TT
230	22,23	CEB23030TT
300	20,00	CEB30020TT
300	22,23	CEB30030TT
300	25,40	CEB30040TT
350	20,00	CEB35020TT
350	25,40	CEB35040TT
400	20,00	CEB40020TT
400	25,40	CEB40040TT





**DIAMOND BLADES FOR UNIVERSAL USE**

**DUAL UNIVERSAL**

- suitable for sawing and grinding in hard and soft stones, small pieces of metal are also possible
- equipped with M14 connector to come even in the most difficult places (against a wall, ceiling, floor, ... )



Ø mm	Arbour hole Ø mm	Order number
125	M14	CVUN125M00
230	M14	CVUN230M00

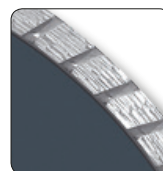




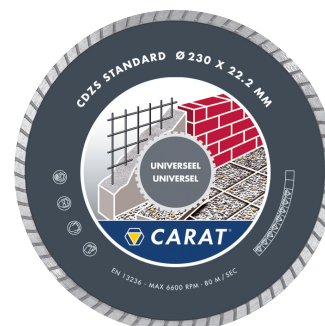
## DIAMOND BLADES FOR UNIVERSAL USE

**UNIVERSAL STANDARD, type CDZS**

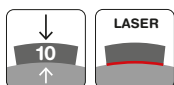
- continuous segment for a better finish



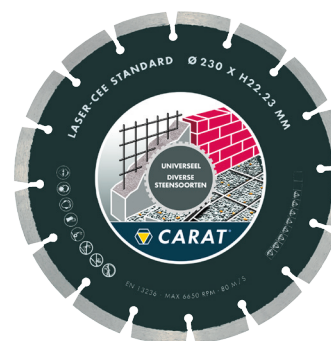
Ø mm	arbour hole Ø mm	order number
115	22,23	CDZS115300
125	22,23	CDZS125300
150	22,23	CDZS150300
180	22,23	CDZS180300
230	22,23	CDZS230300

**UNIVERSAL STANDARD, type CEE**

- cost effective diamond blade



Ø mm	arbour hole Ø mm	order number
115	22,23	CEE115301F
125	22,23	CEE125301F
150	22,23	CEE150301F
230	22,23	CEE230301F

**UNIVERSAL STANDARD, type CEE**

- cost effective diamond blade



Ø mm	arbour hole Ø mm	order number
300	20,00	CEE3002015
300	22,23	CEE3003015
300	25,40	CEE3004015
350	20,00	CEE3502015
350	25,40	CEE3504015



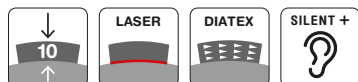




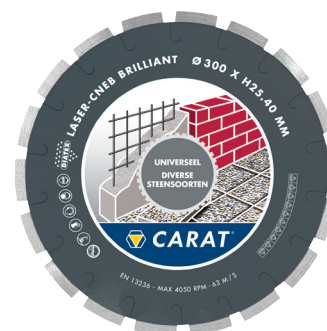
## DIAMOND BLADES FOR UNIVERSAL USE

**LASER UNIVERSAL BRILLIANT, type CNEB**

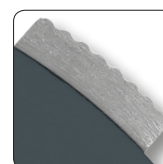
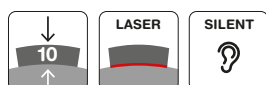
- very fast and high performance



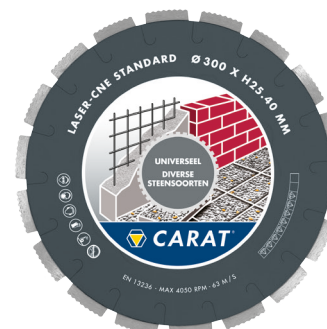
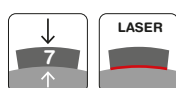
Ø mm	arbour hole Ø mm	order number
300	25,40	CNEB300400
300	30,00	CNEB300500
350	25,40	CNEB350400
400	25,40	CNEB400400
450	25,40	CNEB450400
500	25,40	CNEB500400
600	25,40	CNEB600400

**LASER UNIVERSAL STANDARD, type CNE**

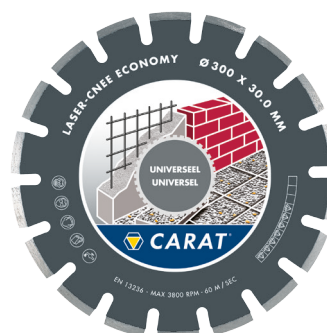
- fitted with 'corrugated' segments for optimised first cut

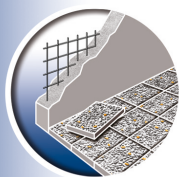


Ø mm	arbour hole Ø mm	order number
250	25,40	CNE2504DC0
300	25,40	CNE3004DC0
300	30,00	CNE3005DC0
350	25,40	CNE3504DC0
400	25,40	CNE4004DC0
450	25,40	CNE4504DC0
500	25,40	CNE5004DC0
600	25,40	CNE6004DC0
650	25,40	CNE6504DC0
700	25,40	CNE7004D00

**CARAT LASER UNIVERSAL ECONOMY, type CNEE**

Ø mm	arbour hole Ø mm	order number
300	25,40	CNEE3004D0
350	25,40	CNEE3504D0

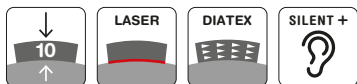




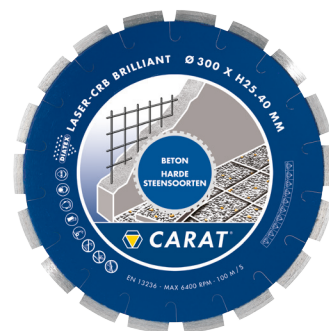
## DIAMOND BLADES FOR CONCRETE AND HARD STONE MATERIALS

**LASER CONCRETE BRILLIANT, type CRB**

- high performance saw



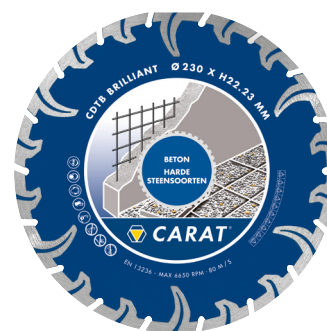
Ø mm	arbour hole Ø mm	order number
300	20,00	CRB3002000
300	25,40	CRB3004000
350	20,00	CRB3502000
350	25,40	CRB3504000
400	20,00	CRB4002000
400	25,40	CRB4004000
450	25,40	CRB4504000
500	25,40	CRB5004000
600	25,40	CRB6004000

**TURBO BRILLIANT, type CDTB**

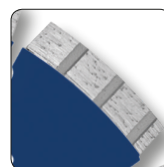
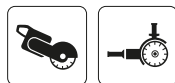
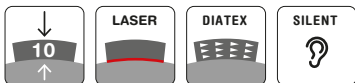
- revolutionary with special protective segments that reduce friction in the blade cut allowing the blade to remain cooler and more stable



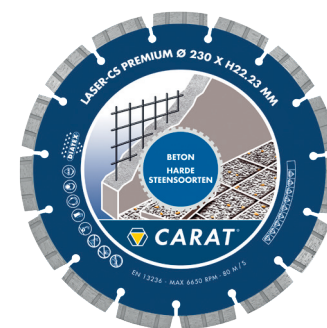
Ø mm	arbour hole Ø mm	order number
115	22,23	CDTB115300
125	22,23	CDTB125300
180	22,23	CDTB180300
230	22,23	CDTB230300

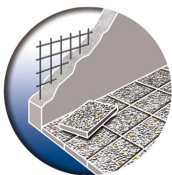
**LASER CONCRETE PREMIUM, type CS**

- very fast cutting turbo segment



Ø mm	arbour hole Ø mm	order number
115	22,23	CS1153000P
125	22,23	CS1253000P
140	22,23	CS1403000P
150	22,23	CS1509000P
150	30,00	CS1505000P
180	22,23	CS1803000P
230	22,23	CS2303000P
300	20,00	CS3002000P
300	22,23	CS3003000P
300	25,40	CS3004000P
350	20,00	CS3502000P
350	25,40	CS3504000P
400	20,00	CS4002000P
400	25,40	CS4004000P

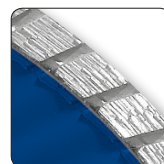




## DIAMOND BLADES FOR CONCRETE AND HARD STONE MATERIALS

### TURBO STANDARD, type CDTS

- corrugated main blade for extra air cooling that makes the blade more stable



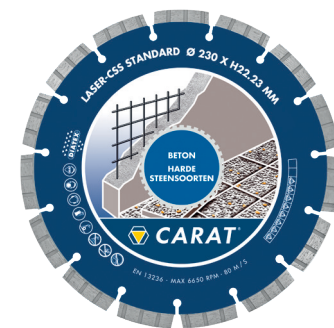
Ø mm	arbour hole Ø mm	order number
115	22,23	CDTS115300
125	22,23	CDTS125300
150	22,23	CDTS150900
180	22,23	CDTS180300
230	22,23	CDTS230300

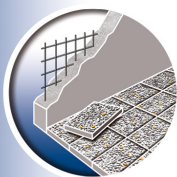


### LASER CONCRETE STANDARD, type CSS



Ø mm	arbour hole Ø mm	order number
115	22,23	CSS1153000
125	22,23	CSS1253000
150	22,23	CSS1509000
180	22,23	CSS1803000
230	22,23	CSS2303000
300	20,00	CSS3002000
300	25,40	CSS3004000
350	20,00	CSS3502000
350	25,40	CSS3504000
400	20,00	CSS4002000
400	25,40	CSS4004000

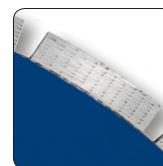
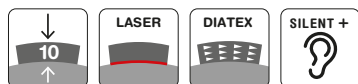




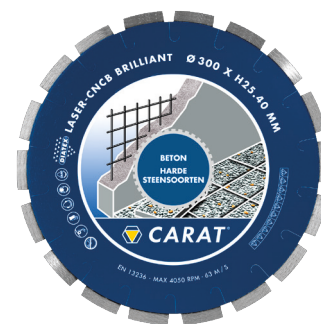
## DIAMOND BLADES FOR CONCRETE AND HARD STONE MATERIALS

**LASER BETON BRILLIANT, type CNCB**

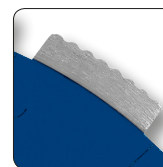
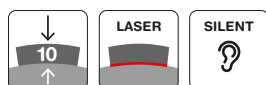
- fast cutting and high performance



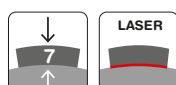
Ø mm	arbour hole Ø mm	order number
300	25,40	CNCB300400
300	30,00	CNCB300500
350	25,40	CNCB350400
400	25,40	CNCB400400
450	25,40	CNCB450400
500	25,40	CNCB500400
600	25,40	CNCB600400

**LASER CONCRETE STANDARD, type CNC**

- fitted with corrugated segments for optimal first cut



Ø mm	arbour hole Ø mm	order number
250	25,40	CNC2504DC0
300	25,40	CNC3004DC0
300	30,00	CNC3005DC0
350	25,40	CNC3504DC0
400	25,40	CNC4004DC0
450	25,40	CNC4504DC0
500	30,00	CNC5005DC0
600	25,40	CNC6004DC0
700	25,40	CNC7004000

**LASER CONCRETE ECONOMY, type CNCE**

Ø mm	arbour hole Ø mm	order number
300	25,40	CNCE3004D0
350	25,40	CNCE3504D0





## DIAMOND BLADES FOR BRICK AND ASPHALT

**LASER BRICK / ASPHALT BRILLIANT, type CAB**

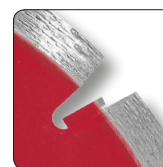
- premium quality asphalt laser with tilted segments for optimal protection of the main blade



Ø mm	arbour hole Ø mm	order number
300	20,00	CAB3002000
300	25,40	CAB3004000
350	20,00	CAB3502000
350	25,40	CAB3504000
400	20,00	CAB4002000
400	25,40	CAB4004000
450	25,40	CAB4504000
500	25,40	CAB5004000
600	25,40	CAB6004000

**LASER BRICK / ASPHALT STANDARD, type CA**

- fitted with protection segments



Ø mm	arbour hole Ø mm	order number
115	22,23	CA11530000
125	22,23	CA12530000
140	22,23	CA14030000
140	30,00	CA14050000
150	22,23	CA15090000
150	30,00	CA15050000
180	22,23	CA18030000
230	22,23	CA23030000
300	20,00	CASS300200
300	25,40	CASS300400
350	20,00	CASS350200
350	25,40	CASS350400
400	20,00	CASS400200
400	25,40	CASS400400

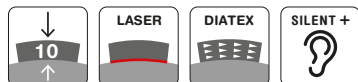




## DIAMOND BLADES FOR BRICK AND ASPHALT

**LASER BRICK BRILLIANT, type CNAB**

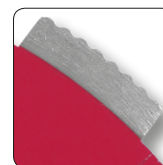
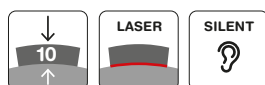
- fast cutting and high performance



Ø mm	arbour hole Ø mm	order number
300	25,40	CNAB300400
300	30,00	CNAB300500
350	25,40	CNAB350400
400	25,40	CNAB400400
450	25,40	CNAB450400
500	25,40	CNAB500400
600	25,40	CNAB600400

**LASER BRICK STANDARD, type CNA**

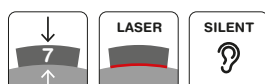
- fitted with 'corrugated' segments for optimal first cut



Ø mm	arbour hole Ø mm	order number
300	25,40	CNA3004DC0
300	30,00	CNA3005DC0
350	25,40	CNA3504DC0
400	25,40	CNA4004DC0
450	25,40	CNA4504DC0
500	25,40	CNA5004DC0
600	25,40	CNA6004DC0
700	25,40	CNA7004DC0

**LASER BRICK ECONOMY, type CNAE**

- semi-professional saw



Ø mm	arbour hole Ø mm	order number
350	25,40	CNAE350400





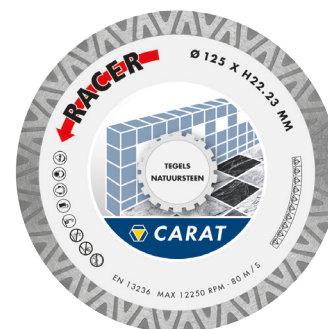
## DIAMOND BLADES FOR TILES AND NATURAL STONE

**TILES AND NATURAL STONE, type RACER CDB**

- saws extremely fast and without serration of tiles
- thin segment:  $\varnothing$  115,  $\varnothing$  125: 1,4 mm /  $\varnothing$  230: 2 mm



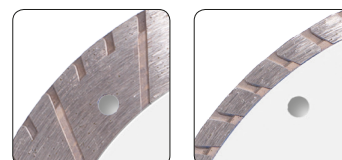
$\varnothing$ mm	arbour hole $\varnothing$ mm	order number
115	22,23	CDB1153000
125	22,23	CDB1253000
230	22,23	CDB2303000

**DUAL PREMIUM**

- for grinding and sawing tiles, natural stone and other hard stone materials
- suitable for all types of angle grinders with M14 connection



$\varnothing$ mm	asgat	order number
125	M14	CVNS125M00
230	M14	CVNS230M00





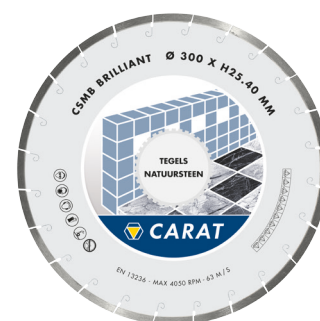
## DIAMOND BLADES FOR TILES AND NATURAL STONE

**TILES BRILLIANT, type CSMB**

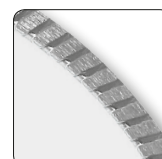
- ideally suited for the hardest ceramic tiles
- specially developed for machines with upper guide track



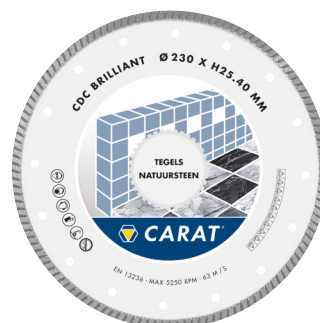
Ø mm	arbour hole Ø mm	order number
250	25,40	CSMB2504D0
300	25,40	CSMB3004D0
350	25,40	CSMB3504D0

**TILES BRILLIANT, type CDC**

- for fast sawing of very hard wall and floor tiles



Ø mm	arbour hole Ø mm	order number
150	20,00	CDC1502000
150	22,23	CDC1503000
180	22,23	CDC1803000
180	25,40	CDC1804000
200	25,40	CDC2004000
230	25,40	CDC2304000
250	25,40	CDC2504000
300	25,40	CDC3004000
350	25,40	CDC3504000



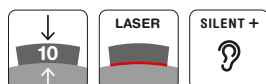




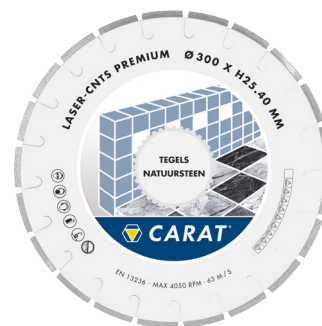
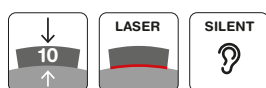
## DIAMOND BLADES FOR TILES AND NATURAL STONE

**LASER NATURAL STONE PREMIUM, type CNTS**

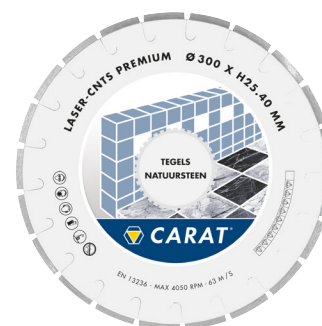
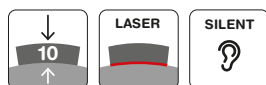
- ideally suited for the most common types of natural stone, such as marble, granite and blue stone.



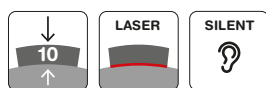
Ø mm	arbour hole Ø mm	order number
250	25,40	CNTS2504D0
300	25,40	CNTS3004D0
350	25,40	CNTS3504D0

**BELGIAN BLUE STONE**

Ø mm	arbour hole Ø mm	order number
300	25,40	CNB3004000
350	25,40	CNB3504000

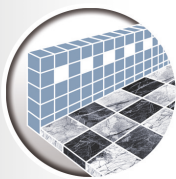
**MARBLE**

Ø mm	arbour hole Ø mm	order number
300	25,40	CNM3004000
350	25,40	CNM3504000

**GRANITE**

Ø mm	arbour hole Ø mm	order number
300	25,40	CNG3004000
350	25,40	CNG3504000

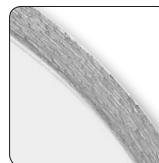
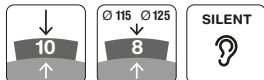




## DIAMOND BLADES FOR TILES AND NATURAL STONE

**TILES PREMIUM, type CSMP**

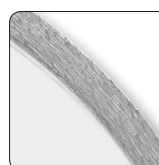
- suitable for hard tiles



Ø mm	arbour hole Ø mm	order number
115	22,23	CSMP115300
125	22,23	CSMP125300
150	22,23	CSMP150300
150	25,40	CSMP150400
180	25,40	CSMP180400
200	25,40	CSMP200400
230	25,40	CSMP230400
250	25,40	CSMP250400
300	25,40	CSMP300400
350	25,40	CSMP350400

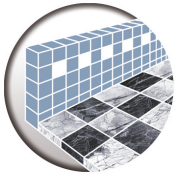
**TILES STANDARD, type CSMS**

- Ideally suited for soft tiles but not for hard tiles



Ø mm	arbour hole Ø mm	order number
110	22,23	CSMS110300
125	22,23	CSMS125300
150	22,23	CSMS150300
180	25,40	CSMS180400
200	25,40	CSMS200400
230	25,40	CSMS230400
250	25,40	CSMS250400
300	25,40	CSMS300400
350	25,40	CSMS350400

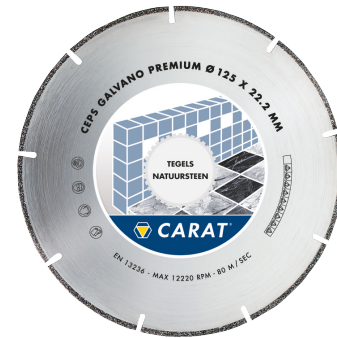


**GALVANO DIAMOND BLADES FOR PLASTICS****GALVANO PREMIUM, type CEPS**

- for sawing plastics such as polyester and fibre glass
- fitted with slots in the rim



Ø mm	arbour hole Ø mm	order number
100	22,23	CEPS100300
115	22,23	CEPS115300
125	22,23	CEPS125300
230	22,23	CEPS230300
300	30,00	CEPS300500
350	30,00	CEPS350500

**GALVANO PREMIUM, type CEPC**

- for sawing plastics such as polyester and fibre glass
- fitted with closed rim

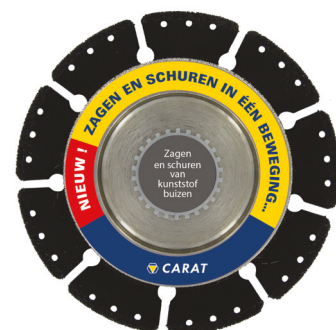


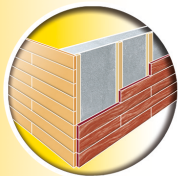
Ø mm	arbour hole Ø mm	order number
100	22,23	CEPC100300
115	22,23	CEPC115300
125	22,23	CEPC125300
180	22,23	CEPC180300
230	22,23	CEPC230300
250	30,00	CEPC250500

**PIPE CUTTER**

- for sawing and sanding of plastic pipes in one time

Ø mm	Arbour hole Ø mm	Order number
125	22,23	CVPC125300

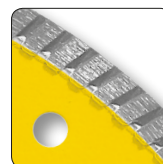




## DIAMOND BLADES FOR FIBRE CEMENT MATERIALS

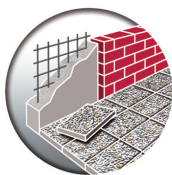
**BRILLIANT, type CDCE**

- suitable for sawing Eternit® fibre cement façade elements and sidings



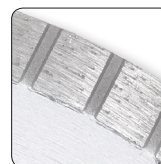
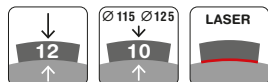
Ø mm	arbour hole Ø mm	order number
125	22,23	CDCE125300
150	20,00	CDCE150200
150	22,23	CDCE150300
150	30,00	CDCE150500
180	30,00	CDCE180500
200	25,40	CDCE200400
200	30,00	CDCE200500
230	25,40	CDCE230400
230	30,00	CDCE230500
250	30,00	CDCE250500
300	30,00	CDCE300500
350	30,00	CDCE350500





## DIAMOND BLADES FOR DO IT YOURSELF

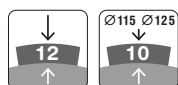
## GOLD LASER UNIVERSAL



Ø mm	arbour hole Ø mm	order number
115	03.15 22,23	CEG1153010
125	22,23	CEG1253010
150	22,23	CEG1509012
180	22,23	CEG1803012
230	22,23	CEG2303012



## SILVER UNIVERSAL



Ø mm	arbour hole Ø mm	order number
115	22,23	CESI115310
125	22,23	CESI125310
150	22,23	CESI150912
180	22,23	CESI180312
230	22,23	CESI230312



## BRONZE UNIVERSAL



Ø mm	arbour hole Ø mm	order number
115	22,23	CEBR115310
125	22,23	CEBR125310
150	22,23	CEBR150910
180	22,23	CEBR180310
230	22,23	CEBR230310



## ACCESSORIES



dust extraction

**DUSTCATCH, universal dust cover for angle grinders**

- reduces the dust development when sawing with diamond discs
- with depth adjustment

description	order number
Dustcatch Ø 125	MZAD125013
Dustcatch Ø 230	MZAD230013

following angle grinders can be equipped with Dustcatch:

## Ø 125 mm

Makita	Metabo	Bosch	Hitachi	Dewalt
9555NB (K)	W 8-125 (Quick)	GWS 8-125	G13SB (2) (3)	D28130
9558NB (KD2)	WP 8-125 Quickprotect	GWS 10-125 (Z)	G13SD	D28133
9558HN (GKD2) (KD2)	WE 9-125 Quick	GWS 11-125 (P) (CI) (CIE) (CIH)	G13SP	D28134
MT963	W 11-125 Quick	GWS 12-125 (CI) (CIE) (CIEP)	G13V	D28135
9558PB	WB 11-125 Quick	GWS 14-125 (CI) (CIE) (CE) (CIT)	G13YC	D28136
GA5030 (K)	WP 11-125 Quickprotect	GWS 15-125 (CI) (CIE) (CIEH) (CIT) (CIP) (CIH) (CITH)	G13YD	DCG412
GA5034	WE 14-125 Plus			
9565CV	WEP(A) 14-125 Quickprotect			
GA5021C	WE(A) 14-125 Quick			
9562CHX	WPA 14-125 Quickprotect			

## Ø 230 mm

Hitachi	Makita	Metabo	Dewalt	Milwaukee
G23MRU	GA 9010	W-21 230	D-28400	AG 21-230 (E)/(DMS)
G23UBY	GA 9020	W-22 180	D-28423	AGV 21-230 E/(DMS)
G23SEY	GA 9030	W-23 230	D-28432c	AGV 21-230 GE(X)/(DMS)
G23SCY	GA 9040	W-25 230	D-28498	AG 24-230 (E)/(DMS)
G23SC3				AGV 24-230GE/(DMS)
G23SR				AGV 26-230 GE/(DMS)
G23SRU				

**DUSTCATCH, universal dust cover for angle grinders**

- reduces the dust development when sawing with diamond discs
- with transparent cover for a better view
- with depth adjustment

description	order number
Dustcatch Ø 125	MZADS12500

following angle grinders can be equipped with Dustcatch:

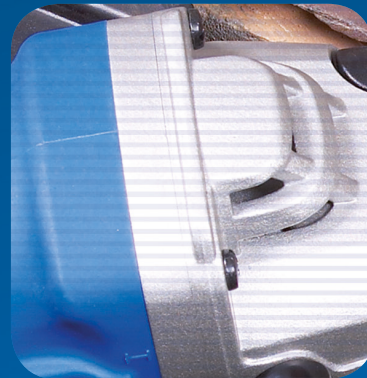
## Ø 125 mm

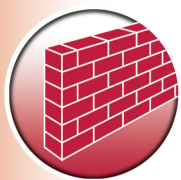
Hitachi	Makita	Bosch	Metabo	Dewalt	Flex	Milwaukee
G13SB (2) (3)	9555NB (K)	GWS 8-125	W 8-125 (Quick)	D28130	L12506 (VR)	AG12-125 X
G13SD	9558NB (KD2)	GWS 9-125	W8-125 Quickprotect	D28133	L1710 (FRA)	AG16-125 (INOX) (XC)
G13SP	9558HN (GKD2) (KD2)	GWS 10-125 (Z)	W9-125 Quick	D28134	L3309 (FR)(G)	AGS15-125 C
G13V	MT963	GWS 11-125 (P) (CI) (CIE) (CIH)	W11-125 Quick	D28135	L3406 (VRG)	AGV15-125C
G13YC	9558PB	GWS 12-125 (CI) (CIE) (CIEP)	WB11-125 Quickprotect	D28136	L3410 (VR)	AGV16-125 QX
G13YD	GA5030 (K)	GWS 15-125 (CI) (CIE) (CIEH) (CIT) (CIP) (CIH) (CITH)	WE14-125 Plus	DCG412		AGV15-125 (XE) (XC)
	GA5034		WEP(A) 14-125 Quickprotect			AGV17-125 XE
	9565CV		WE(A) 14-125 Quick			
	GA5021C		WPA14-125 Quickprotect			
	9262CHX					



## DIAMOND MORTAR RAKER AND GRINDING CUPS

DIAMOND MORTAR RAKER BLADES	24
DIAMOND GRINDING CUPS	26
DUSTCATCH	29

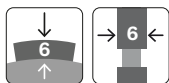




## DIAMOND MORTAR RAKER BLADES

**H-PREMIUM, type CTP**

- for grinding medium hard to hard cement joints
- high quality for professional use
- long protection segments against excessive wear of the metal body



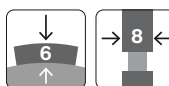
∅ mm	arbour hole ∅ mm	order number
80	22,23	CTP0803000
115	22,23	CTP1153000
125	22,23	CTP1253000



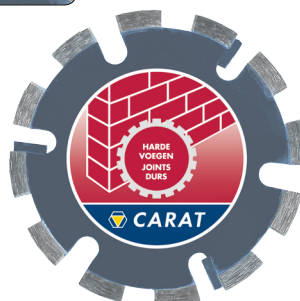
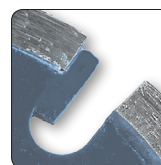
125	22,23	CTP1253008
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**H-PREMIUM, type CTP**

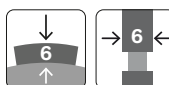
- for grinding medium hard to hard cement joints
- with zigzag-segments



∅ mm	arbour hole ∅ mm	order number
115	22,23	CTP11530Z8
125	22,23	CTP12530Z8

**H-STANDARD, type CTY**

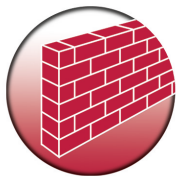
- for grinding medium hard to hard cement joints
- semi-professional use (alternative for type CTP)
- long protection segments against excessive wear of the metal body



∅ mm	arbour hole ∅ mm	order number
115	22,23	CTY1153000
125	22,23	CTY1253000



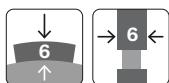




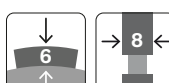
## DIAMOND MORTAR RAKER BLADES

**Z-PREMIUM, type CTC**

- for grinding soft cement joints
- high quality for professional use
- long protection segments against excessive wear of the metal body



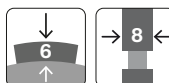
Ø mm	arbour hole Ø mm	order number
115	22,23	CTC1153000
125	22,23	CTC1253000



125	22,23	CTC1253008
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**Z-PREMIUM, type CTC**

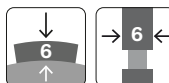
- for grinding soft cement joints
- with zigzag-segments



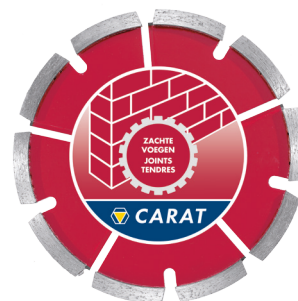
Ø mm	arbour hole Ø mm	order number
115	22,23	CTC11530Z8
125	22,23	CTC12530Z8

**Z-STANDARD, type CTA**

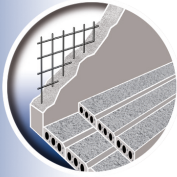
- for grinding soft cement joints
- semi-professional use (alternative for type CTC)



Ø mm	arbour hole Ø mm	order number
115	22,23	CTA1153000
125	22,23	CTA1253000



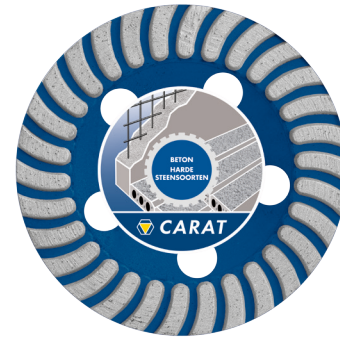
## DIAMOND GRINDING CUPS

**CONCRETE PREMIUM, type CUM**

- wide segment division for consistent grinding
- high quality with extreme longevity
- the holes in the core make the grinding cup suitable for machines with dust extraction, such as the Carat concrete grinder type BS-1252



∅ mm	arbour hole ∅ mm	order number
100	22,23	CUM1003C00
100	M14	CUM100MC00
110	15,00	CUM1101C00
125	22,23	CUM1253C00
125	M14	CUM125MC00
180	22,23	CUM1803C00

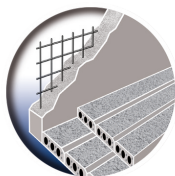
**CONCRETE PREMIUM, type DF**

- high diamond density
- perfect finishing with exceptional longevity
- the holes in the core make the grinding cup suitable for machines with dust extraction, such as the Carat concrete grinder type BS-1252



∅ mm	arbour hole ∅ mm	order number
115	22,23	CUDF115300
125	22,23	CUDF125300
180	22,23	CUDF180300





### DIAMOND GRINDING CUPS

## CONCRETE STANDARD, type DG

- the holes in the core make the grinding cup suitable for machines with dust extraction, such as the Carat concrete grinder type BS-1252



∅ mm	arbour hole ∅ mm	order number
115	22,23	CUDG115300
125	22,23	CUDG125300
180	22,23	CUDG180300



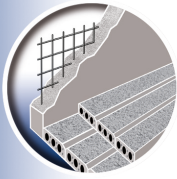
## PCD GRINDING CUPS

- latest generation PCD or Polycrystalline diamond segments
- removes glue residue, bitumen, paint, carpet residue, epoxy and other non-ferrous materials
- the holes in the core make the grinding cup suitable for machines with dust extraction, such as the Carat concrete grinder type BS-1252



∅ mm	arbour hole ∅ mm	order number
125	22,23	CPCD125300
180	22,23	CPCD180300





**DIAMOND GRINDING CUPS DUSTEC®**

**DUSTEC® GRINDING CUPS**

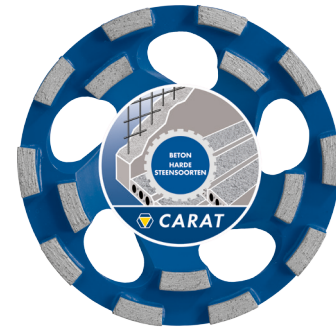
- high quality, extreme longevity
- double row of segments
- the holes in the core make the grinding cup suitable for machines with dust extraction, such as the Carat concrete grinder type BS-1252
- available in 2 types: concrete or brick

**Type CONCRETE PREMIUM**

- for grinding concrete and hard stone materials



∅ mm	arbour hole ∅ mm	order number
125	22,23	CUBD1253C0
180	22,23	CUBD1803C0



**Type BRICK PREMIUM**

- for grinding soft, sandy types of stone



∅ mm	arbour hole ∅ mm	order number
125	22,23	CUBD1253A0
180	22,23	CUBD1803A0



## DUSTCATCH, universal dust cover for angle grinders

- reduces the dust development when sawing with diamond grinding cups (certainly in collaboration with Dustec® grinding cups p.28)

description	order number
Dustcatch Ø 125	MZADC12500



following angle grinders can be equipped with this Dustcatch:

Ø 125 mm

Hitachi	Makita	Bosch	Metabo	Dewalt	Flex	Milwaukee
G13SB (2) (3)	9555NB (K)	GWS 8-125	W 8-125 (Quick)	D28130	L12506 (VR)	AG12-125 X
G13SD	9558NB (KD2)	GWS 9-125	W8-125 Quickprotect	D28133	L1710 (FRA)	AG16-125 (INOX) (XC)
G13SP	9558HN (GKD2) (KD2)	GWS 10-125 (Z)	W9-125 Quick	D28134	L3309 (FR(G))	AGS15-125 C
G13V	MT963	GWS 11-125	W11-125 Quick	D28135	L3406 (VRG)	AGV15-125C
G13YC	9558PB	(P) (CI) (CIE) (CIH)	WB11-125 Quickprotect	D28136	L3410 (VR)	AGV16-125 QX
G13YD	GA5030 (K)	GWS 12-125	WE14-125 Plus	DCG412		AGV15-125 (XE) (XC)
	GA5034	(CI) (CIE) (CIEP)	WEP(A) 14-125 Quickprotect			AGV17-125 XE
	9565CV	GWS 15-125 (CI)	WE(A) 14-125 Quick			
	GA5021C	(CIE) (CIEH) (CIT)	WPA14-125 Quickprotect			
	9262CHX	(CIP) (CIH) (CITH)				





# MACHINES

## FOR TILERS

MANUAL TILE CUTTERS	32
TILE SAW MACHINES	33
NATURAL STONE SAW MACHINES	41
TILE LEVELLING SYSTEM	42
MIXERS	43



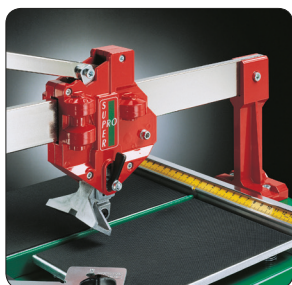
## FOR CONTRACTORS

STONE SAW MACHINES	45
WALL SAW MACHINES	52
SLOT SAW MACHINES	54
CONCRETE GRINDER	56

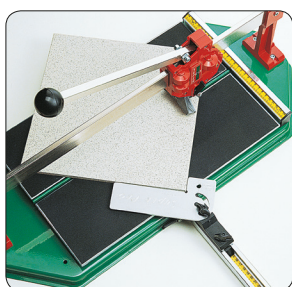


## SUPERPRO MANUAL TILE CUTTERS

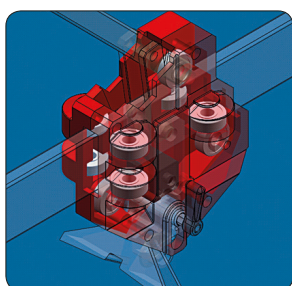
- suspension platforms guarantee a perfect cutting surface, even for large, hard tiles



movable breaking



diagonal cutting



9 ball bearings

### technical details SUPERPRO 450

cutting length	: 45 cm
max. thickness of tile	: 1.9 cm
diagonal cut (max.)	: 320 x 320 mm
order number	: BU30450000

### technical details SUPERPRO 600

cutting length	: 60 cm
max. thickness of tile	: 1.9 cm
diagonal cut (max.)	: 420 x 420 mm
order number	: BU30600000

### technical details SUPERPRO 750

cutting length	: 75 cm
max. thickness of tile	: 1.9 cm
diagonal cut (max.)	: 520 x 520 mm
order number	: BU30750000

### technical details SUPERPRO 900

cutting length	: 90 cm
max. thickness of tile	: 1.9 cm
diagonal cut (max.)	: 630 x 630 mm
order number	: BU30900000

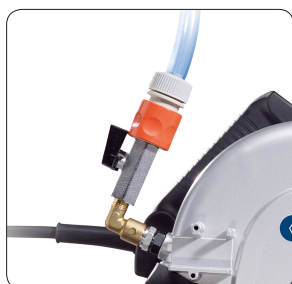


## CUTTING WHEEL Ø 22 MM

- for Superpro tile cutters

order number	: BU49200000
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water cooling



dust extraction



guide rail with clamps

## TILE CUTTER 180 ECONOMY

- handheld tile saw machine on rail
- sawing of natural stone and (concrete) tiles
- PRCD switch, soft start and overload protection
- includes  $\varnothing$  180 mm diamond blade, case and guide rail

### technical details

engine	: 1.8kW (2.5hp)
voltage	: 230V
$\varnothing$ diamond blade	: 180 x 22.23 mm
max. material thickness	: 5.5 cm
weight	: 6.7 kg

## AVAILABLE IN 2 VERSIONS:

*machine including 3 rails of 40 cm + connectors + 2 clamps*

order number : MZMB180PRO

*machine including 1 rail of 140 cm + 2 clamps*

order number : MZMB180REN

## ACCESSORIES

description	order number
guide rail 40 cm	: MZMBAR0400
guide rail 140 cm	: MZMBAR1400
rail clamp	: MZMBAK0000
rail coupling	: MZMBARK000
blades $\varnothing$ 180 mm (dry/wet)	: CDTC180300
blades $\varnothing$ 180 mm (for a more fine cut, only wet)	: CDC1803000



## CARAT TILE SAW MACHINES

**MICROCOUP 180 ECONOMY**

- compact tile saw machine
- large cast aluminium worktop
- includes  $\varnothing$  180 mm diamond blade

## technical details

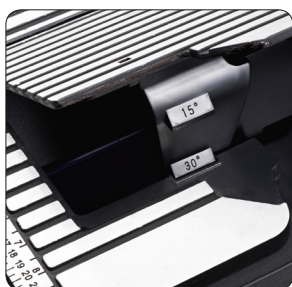
engine	: 750W (1,0hp)
voltage	: 230V
$\varnothing$ diamond blade	: 180 x 25.40 mm
max. material thickness	: 3 cm
weight	: 16.0 kg
order number	: BUJ180A000

sawing blades for this machine	page
--------------------------------	------

tiles / natural stone	: 16 - 18
-----------------------	-----------



adjustable sliding compound



angle cuts



cable holder



handle





large work top

### MICROCOUP 230

- includes  $\varnothing$  230 mm diamond blade

#### technical details

engine	: 1,2kW (1,6pk)
voltage	: 230V
$\varnothing$ diamond blade	: 230 x 25.40 mm
max. material thickness	: 4 cm
weight	: 28.0 kg
order number	: BUJ2300000

#### sawing blades for this machine

page

tiles / natural stone : 16 - 18

### MICROCOUP 300

- includes  $\varnothing$  300 mm diamond blade

#### technical details

engine	: 2.3kW (3.0hp)
voltage	: 230V
$\varnothing$ diamond blade	: 300 x 25.40 mm
max. material thickness	: 7 cm
weight	: 38.0 kg
order number	: BUJ3000000

#### sawing blades for this machine

page

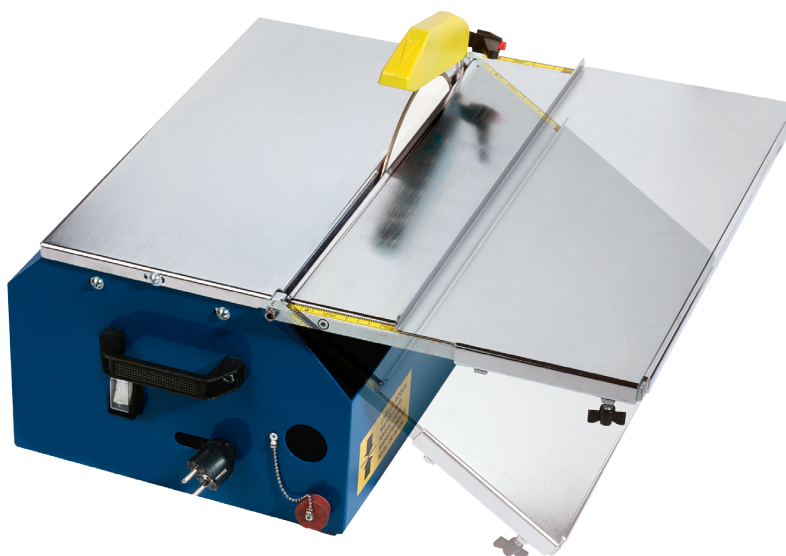
tiles / natural stone : 16 - 18



base

### BASE FOR MICROCOUP 230 and 300

order number : BUJ0000000



## MICROCOUP 230 DELUXE

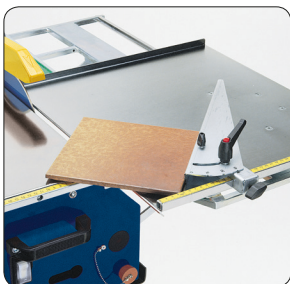
### technical details

engine	: 1.2kW (1.6hp)
voltage	: 230V
∅ diamond blade	: 230 x 25.40 mm
max. material thickness	: 4 cm
weight	: 30.0 kg
order number	: BUJ230S000

sawing blades for these machines	page
tiles / natural stone	: 16 - 18



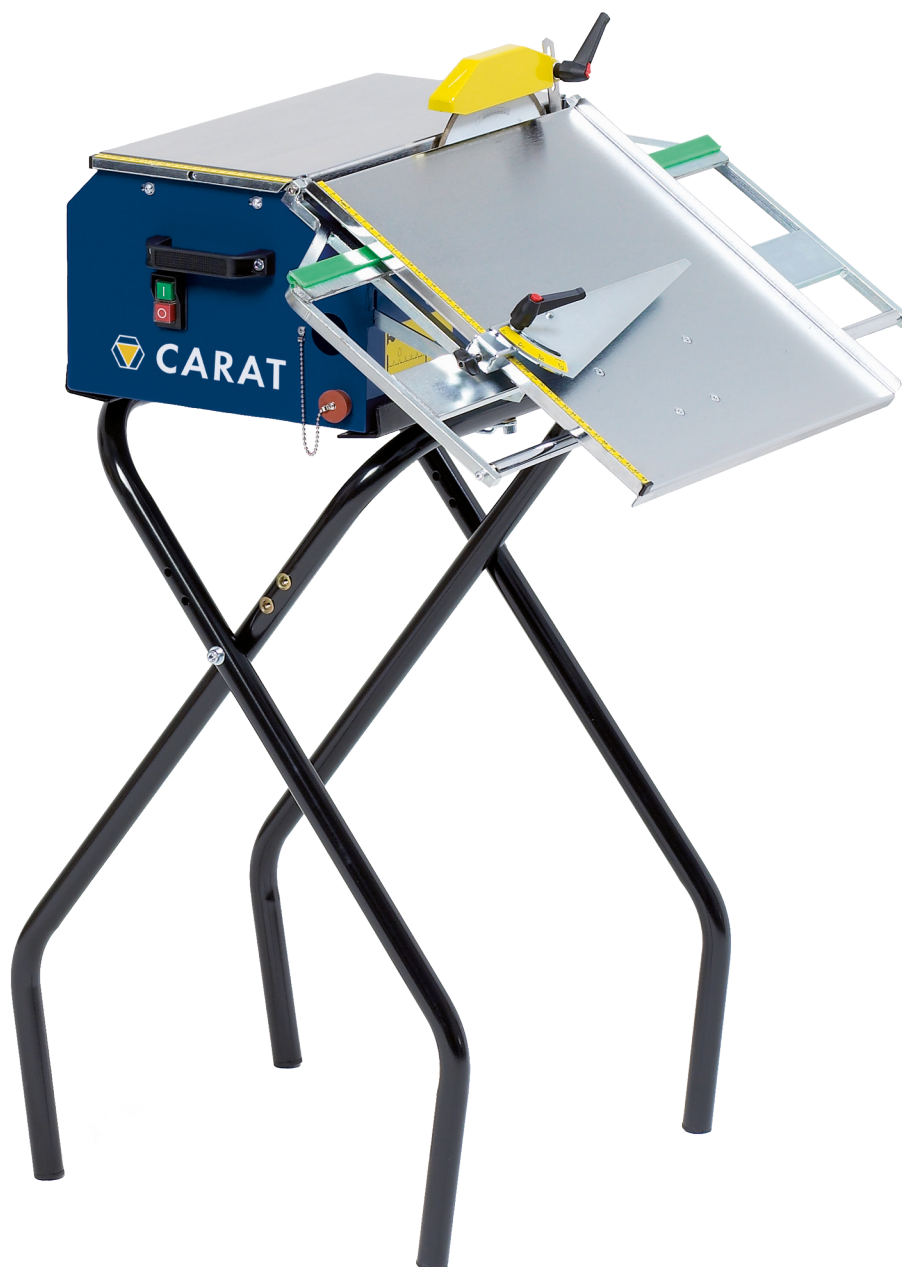
sliding table



professional side guide



base



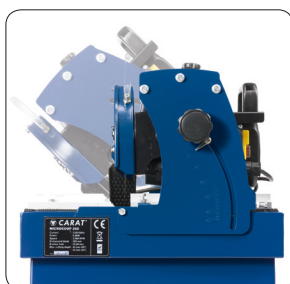


## MICROCOUP 260 ECONOMY

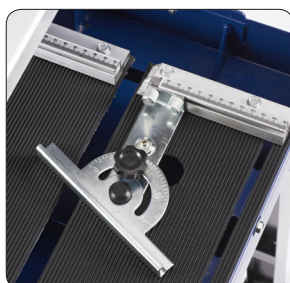
- radial tile cutter
- includes  $\varnothing$  200 mm diamond blade



foldable



angle cuts



side guide

### technical details

engine	: 800W (1,1hp)
voltage	: 230V
$\varnothing$ diamond blade	: 200 x 25.40 mm
max. material thickness	: 2,5 cm
max. cutting length	: 60 cm
diagonal cut (max.)	: 420 mm
weight	: 38.0 kg
order number	: BUJ2006000
sawing blades for this machine	
	page
tiles	: 16 – 18



## CARAT TILE SAW MACHINES

**CARACOUP**

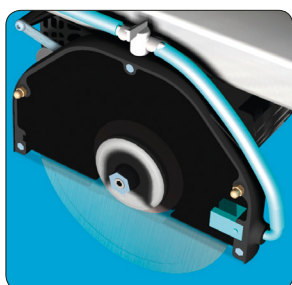
- radial tile cutter ideal for straight and 45° angle cuts on porcelain stoneware, tiles and double fired ceramic
- sliding cutting head and tilting engine
- collapsable legs
- pump for water recycling
- includes Ø 200 mm diamond blade



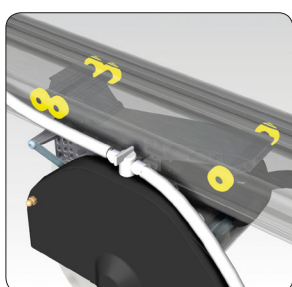
plunge sawing



angle cuts



spray system



carriage engine group with 6 ball-bearings

## technical details

engine	: 1.0kW (1.3hp)
Voltage	: 230V
Ø diamond blade	: 200 x 25.40 mm
max. material thickness	: 4 cm

	Caracoup 65	Caracoup 95
max. cutting length	: 65 cm	: 95 cm
max. diagonal cut	: 420 x 420 mm	: 630 x 630 mm
weight	: 34,0 kg	: 39,0 kg
order number	: BUK2650000	: BUK2950000

sawing blades for this machine	page
tiles	: 16 – 18

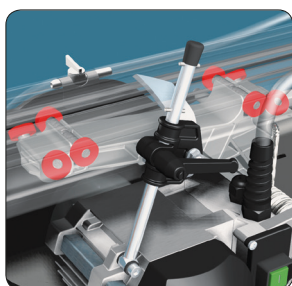




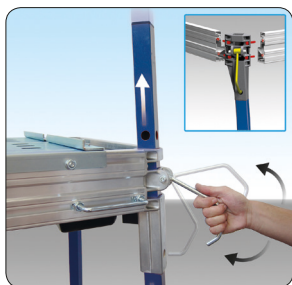
plunge sawing



professional side guide

carriage engine group with  
8 ball-bearings

angle cuts



fastleg

## CARACOU NEW GENERATION

- radial tile cutter ideal for straight and 45° angle cuts on porcelain stoneware, tiles, marble and double fired ceramic
- sliding cutting head and tilting engine
- adjustable legs
- pump for water recycling
- delivered with laser instrument, transport wheels and diamond blade

### technical details

engine	: 1.0kW (1.3hp)
voltage	: 230V
∅ diamond blade	: 200 x 25.40 mm
max. material thickness	: 4 cm

	Caracoup NG 67	Caracoup NG 90
max. cutting length	: 67 cm	: 90 cm
max. diagonal cut	: 450 x 450 mm	: 620 x 620 mm
weight	: 37,0 kg	: 41,0 kg
order number	: BUCC2067LO	: BUCC2090LO

sawing blades for this machine	page
tiles / natural stone	: 16 – 18



Caracoup NG 90



## CARAT TILE SAW MACHINES

**CARACOUP PRO**

- bridge saw with POLY V® drive belt, ideal for straight and 45° angle cuts of bricks, stones, granite, marble and porcelain stoneware
- sliding cutting head and tilting engine
- adjustable legs
- pump for water recycling
- delivered with laser instrument and transport wheels



plunge sawing



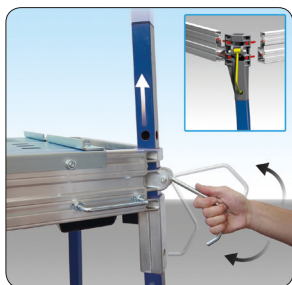
professional adjustable side guide



angle cuts



hand wheel (BD-3012)



fastleg

technical details	
engine	: 2,2kW (3 pk)
voltage	: 230V
max. material thickness	: 11 cm
max. material thickness (2 ways)	: 20 cm
diamond blade	: 250 x 25,40 mm : 300 x 25,40 mm

	Caracoup Pro 76	Caracoup Pro 120
max. cutting length	: 76 cm	: 120 cm
weight	: 68 kg	: 93 kg
max. diagonal cut	: 530 x 530 mm	: 850 x 850 mm
order number	: BD3007L000	: BD3012L000

sawing blades for this machine	page
tiles / natural stone	: 16, 17 and 18



Pro 120



## P-3500 LASER NATURAL STONE SAW MACHINES

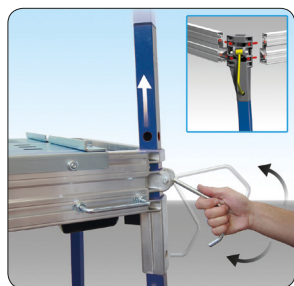
- bridge saw, ideal for straight and 45° angle cuts of natural stones, granite and marble slabs
- sliding cutting head and tilting engine
- adjustable legs
- pump for water recycling
- delivered with laser instrument, transport wheels and extension side-bench (except P-3506)



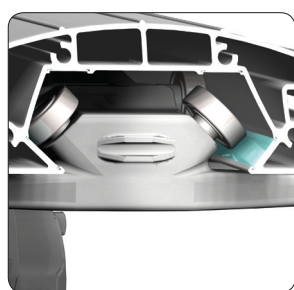
angle cuts



hand wheel (except P-3506)



fastleg



carriage engine group with 8 ball-bearings

### technical details

engine	: 2,2kW (3,0 pk)
voltage	: 230V
Ø diamond blade	: 350 x 25,40 mm
max. material thickness	: 11 cm

### sawing blades for these machines

### page

universal / various stone materials	: 9
concrete / hard stone materials	: 12
brick / soft stone materials	: 14
tiles / natural stone	: 16, 17 and 18



P-3508

	P-3506	P-3508	P-3510	P-3512	P-3515	P-3520
<b>max. cutting length</b>	<b>60 cm</b>	<b>85 cm</b>	<b>100 cm</b>	<b>120 cm</b>	<b>150 cm</b>	<b>200 cm</b>
transport length	133 cm	160 cm	176 cm	198 cm	230 cm	275 cm
weight	75 kg	80 kg	83 kg	86 kg	92 kg	103 kg
order number	BP35060000	BP35080000	BP35100000	BP35120000	BP35150000	BP35200000

## TILE LEVELLING SYSTEM

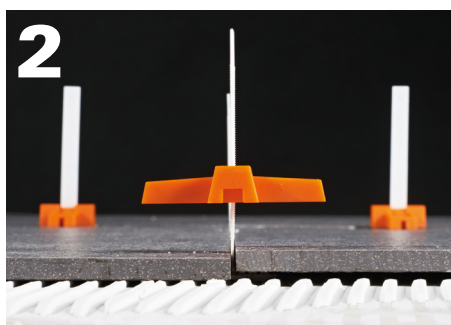
**CARAT-TILE LEVELLING SYSTEM**

- for easy, fast and perfect placement of (large) tiles
- ideal for wall and floor tiles
- basic kit consists of 1 pincer, 100 strips, 100 clamps and comes in a bucket

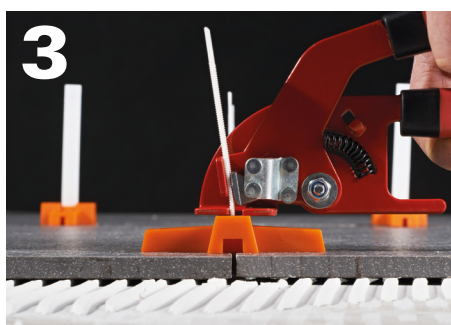
description	order number
complete set	BTNSSET000

**ACCESSOIRES**

description	order number
pack of 100 strips	BTNS010000
pack of 100 clamps	BTNS020000
pincer	BTNS030000



before



after



## HAND MIXER

- for perfect and homogeneous mixing of tile glue, cement, paint, varnish, epoxy resin, gravel floors, etc
- soft start for less splashing
- stepless speed regulation for perfect control
- delivered with 160mm stirring rod in a transport case

### technical details

engine	: 1.6kW (2.2hp)
voltage	: 230V
connection	: 14mm female
RPM under load :	1st speed : 150-300 rpm
	2nd speed : 300-650 rpm
Weight	: 6kg
order number	: BUI0010000



## CARAT MIXER



compulsion mixer



easy to fill

**MIXER 50 SUPER**

- for perfect and homogeneous mixing of tile glue, cement, paint, varnish, epoxy resin, gravel floors, etc
- the thermal protection prevents the motor from overheating
- the mixer is easy to transport, even when the bucket is full
- can be disassembled into three parts, so the mixer takes up less storage or transport space

## technical details

engine	: 1.2kW (1.6hp)
voltage	: 230V
contents of bucket	: 65 litres
maximum mixing capacity	: 50 kg
weight	: 24 kg
order number	: BUI005S000





## EASY-COUP 350

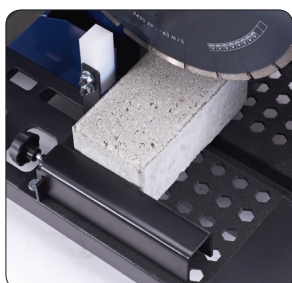
- durable high tech aluminium construction
- cutting head with double function: up/down and forward/backward



adjustable water



dust extraction



sliding compound



extra handle

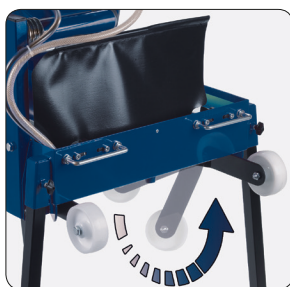
### technical details

engine	: 1.8kW (2.5hp)
voltage	: 230V
∅ diamond blade	: 350 x 25.40 mm
max. material thickness	: 10.5 cm
max. cutting length	: 20.0 cm
weight	: 28.5 kg
order number	: BUC3500000

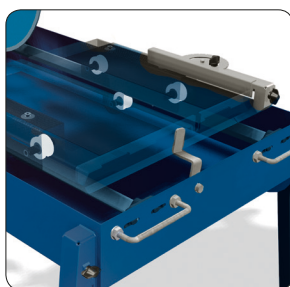
### sawing blades for this machines

sawing blades for this machines	page
universal / various stone materials	: 9
concrete / hard stone materials	: 12
brick / soft stone materials	: 14

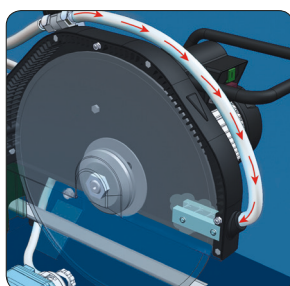




foldable transport wheels



cutting trolley with 4 ball bearing wheels



spray system



adjustable height

## S-COUP 350

- masonry saw, ideal for the building sector
- straight cuts of bricks, stones, concrete blocks
- sliding working table and tilting cutting head
- pump for water recycling

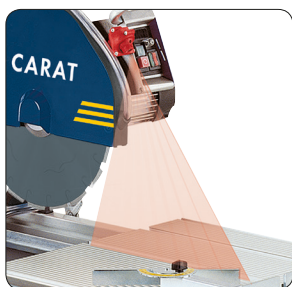
### technical details

engine	: 2.2kW (3.0hp)
voltage	: 230V
∅ diamond blade	: 350 x 25.40 mm
max. material thickness	: 11 cm
max. cutting length	: 80 cm
weight	: 67 kg
bestelnummer	: BEG3500000

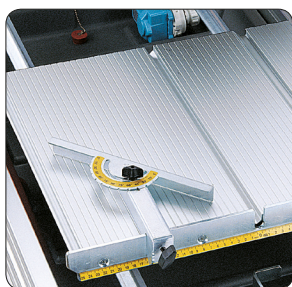
### sawing blades for these machines

sawing blades for these machines	page
universal / various stone materials	: 9
concrete / hard stone materials	: 12
brick / soft stone materials	: 14

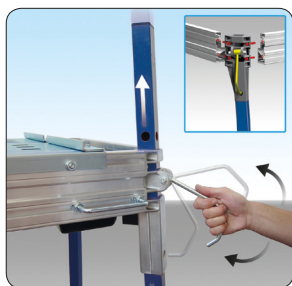




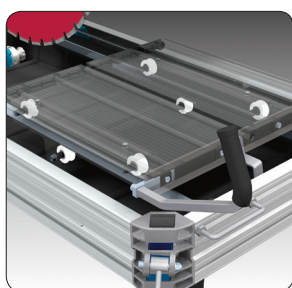
laser instrument (except Basic)



adjustable slide guide



fastleg



cutting trolley with 6 ball bearing wheels

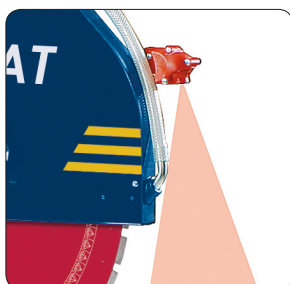
## ALL ROUNDER 350

- masonry saw, ideal for the building sector
- suitable for straight and 45° angle cuts of bricks, stones and concrete blocks
- sliding working table and tilting cutting head
- adjustable legs
- pump for water recycling
- delivered with transport wheels

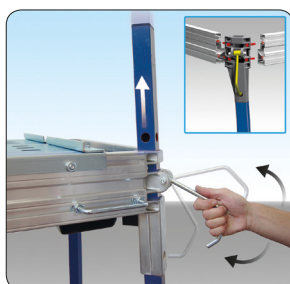
technical details	All Rounder basic	All Rounder laser
engine	: 2,2kw (3,0pk)	: 2,2kw (3,0pk)
voltage	: 230V	: 230V
∅ diamond blade	: 350 x 25,40 mm	: 350 x 25,40 mm
max. material thickness 90°	: 11 cm	: 11 cm
45°	: 8 cm	: 8 cm
max. cutting length	: 80 cm	: 80 cm
weight	: 65 kg	: 68 kg
laser instrument	: no	: yes
wheel kit	: no	: yes
order number	: BT3510B000	: BT3510L00

sawing blades for these machines	page
universal / various stone materials	: 9
concrete / hard stone materials	: 12
bricks / soft stone materials	: 14

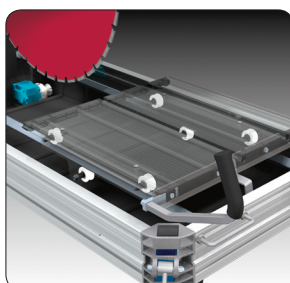




laser instrument (except Basic)



fastleg



cutting trolley with 6 ball bearing wheels



greater blade depth

## ALL ROUNDER 400

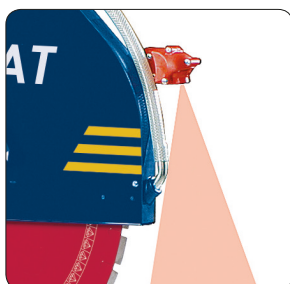
- masonry saw, ideal for the building sector
- suitable for straight cuts of bricks, stones and concrete blocks
- sliding working table and tilting cutting head
- adjustable legs
- pump for water recycling
- delivered with transport wheels

technical details	All Rounder basic	All Rounder laser
engine	: 2,8kw (3,8pk)	: 2,8kw (3,8pk)
voltage	: 230V	: 230V
∅ diamond blade	: 400 x 25,40 mm	: 400 x 25,40 mm
max. material thickness	: 13,5 cm	: 13,5 cm
max. cutting length	: 80 cm	: 80 cm
weight	: 68 kg	: 73 kg
laser instrument	: no	: yes
wheel kit	: no	: yes
order number	: BT40100000	: BT4010L000

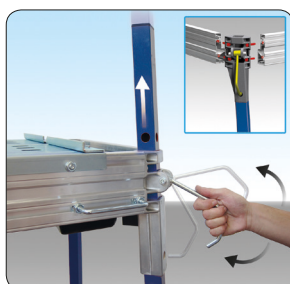
sawing blades for these machines	page
universal / various stone materials	: 9
concrete / hard stone materials	: 12
brick / soft stone materials	: 14



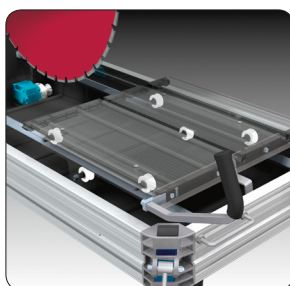




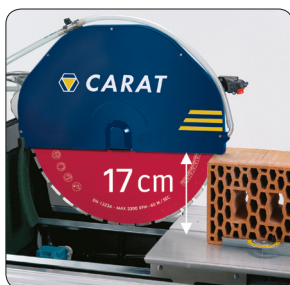
laser instrument (except 230V)



fastleg



cutting trolley with 6 ball bearing wheels



greater blade depth

## ALL ROUNDER 500

- masonry saw, ideal for the building sector
- suitable for straight cuts of bricks, stones and concrete blocks
- sliding working table and tilting cutting head
- adjustable legs
- pump for water recycling
- delivered with transport wheels

technical details	All Rounder 230V	All Rounder 400V
engine	: 3.5kw (4,5pk)	: 4,0kw (5,5pk)
voltage	: 230V	: 400V
∅ diamond blade	: 500 x 25,40 mm	: 500 x 25,40 mm
max. material thickness	: 17 cm	: 17 cm
max. material thickness (2 ways)	: 23 cm	: 23 cm
max. cutting length	: 75 cm	: 75 cm
weight	: 80 kg	: 85 kg
laser instrument	: no	: yes
wheel kit	: no	: yes
order number	: BT50100230	: BT5010L000

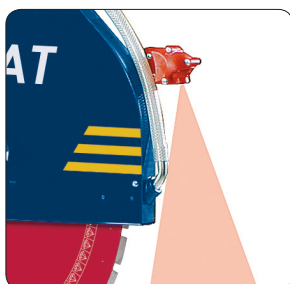
sawing blades for these machines	page
universal / various stone materials	: 9
concrete / hard stone materials	: 12
brick / soft stone materials	: 14



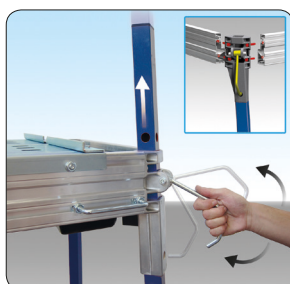
## CARAT STONE SAW MACHINES

**ALL ROUNDER 600**

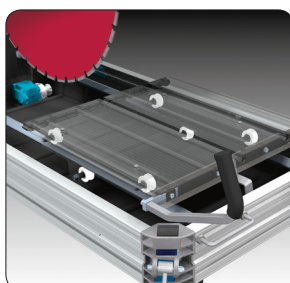
- masonry saw, ideal for the building sector
- suitable for straight cuts of bricks, stones and concrete blocks
- sliding working table and tilting cutting head
- adjustable legs
- pump for water recycling
- delivered with transport wheels



laser instrument



fastleg



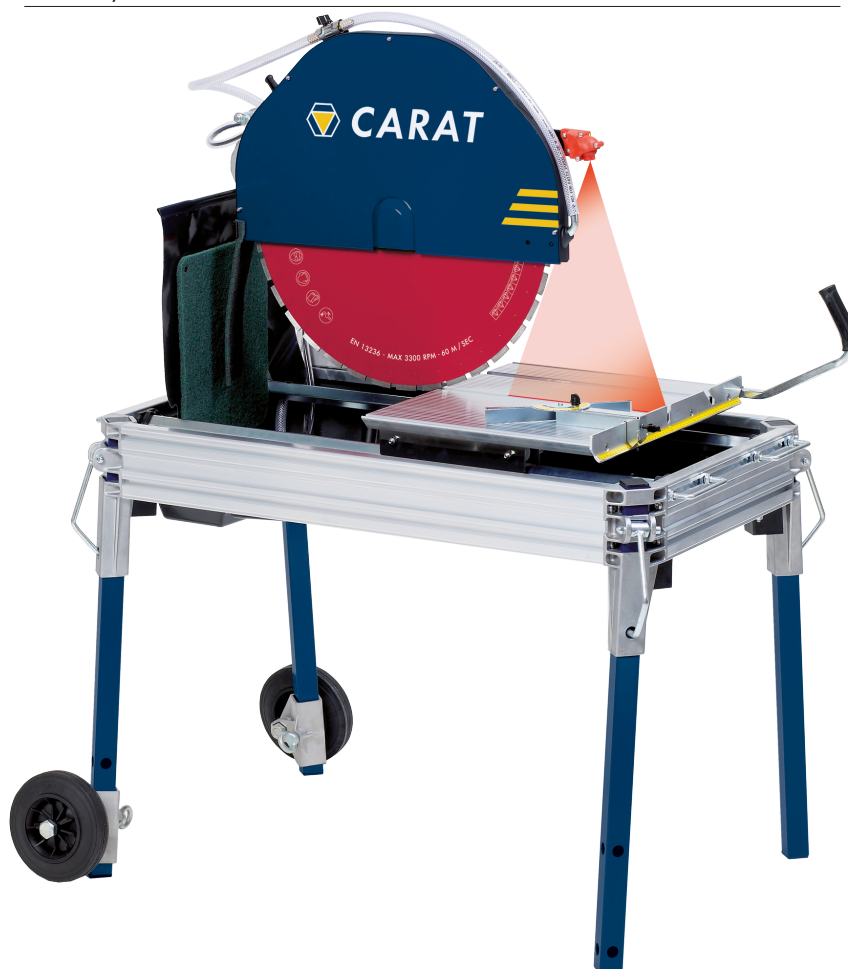
cutting trolley with 6 ball bearing wheels



greater blade depth

technical details	
engine	: 4kW (5,5pk)
voltage	: 400V
∅ diamond blade	: 600 x 25,40 mm
max. material thickness	: 22 cm
max. material thickness (2 ways)	: 28 cm
max. cutting length	: 75 cm
weight	: 85 kg
transport dimensions L x W x H	: 120 x 80 x 110 cm
order number	: BT6010L000

sawing blades for these machines	page
universal / various stone materials	: 9
concrete / hard stone materials	: 12
brick / soft stone materials	: 14



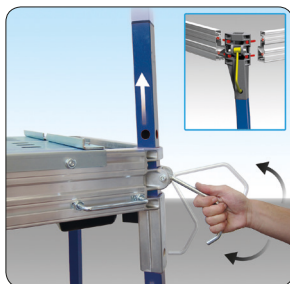
## CARAT STONE SAW MACHINES

**ALL ROUNDER 700**

- stone saw ideal for cutting bricks, poroton blocks, marble blocks



laser instrument (except All Rounder 55)



fastleg



cutting trolley with 6 ball bearing wheels

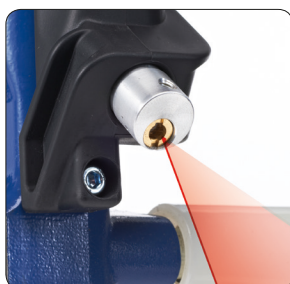


greater blade depth

technical details	All Rounder 55	All Rounder 62
engine	: 4,0kW (5,5pk)	: 4,0kW (5,5pk)
voltage	: 400V	: 400V
Ø diamond blade	: 700 x 25,40 mm	: 700 x 25,40 mm
max. material thickness	: 27 cm	: 27 cm
max. material thickness (2 ways)	: 34 cm	: 27,5 cm
max. cutting length	: 55 cm	: 62 cm
weight	: 95 kg	: 117 kg
laser instrument	: no	: yes
order number	: BT7010000	: BP7010000

sawing blades for this machines	page
universal / various stone materials	: 9
concrete / hard stone materials	: 12
brick / soft stone materials	: 14





laser instrument



water flow control



PRCD switch



3 spirit levels

## WALL SAW MACHINES LASER DUSTEC

for use with water cooling or with dust extraction

- ideally suited for sawing recesses in brick and concrete walls
- the saw remains enclosed during sawing, so no dust and water is flying around
- saws fast and precisely to the millimetre in stone and concrete
- magnesium sawing cover: light and yet very strong
- includes aluminium protection case with trolley

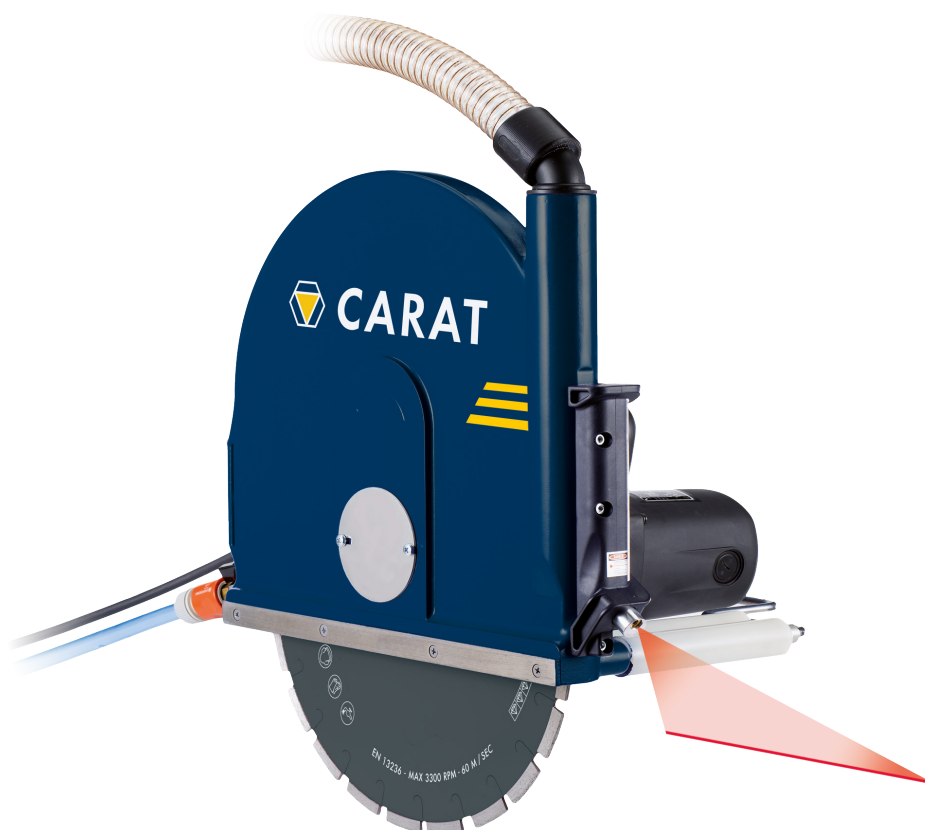
### technical details

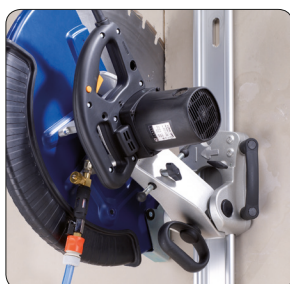
engine	: 2,1kW (2,8pk)
voltage	: 230V

	W-3011	W-3510
Ø diamond blade	: 300 x 30,00 mm	: 350 x 25,40 mm
max. depth of cut	: 11,5 cm	: 14 cm
weight	: 9,7 kg	: 10,8 kg
order number	: MZWB3011L0	: MZWB3511L0

### sawing blades for these machines

	page
universal / various stone materials	: 9
concrete / hard stone materials	: 12
brick / soft stone materials	: 14





machine on rail



complete kit

## W-5421 WALL SAW MACHINE

### For sawing up to 21 cm into concrete

- works with normal **230V** electric supply
- with PRCD switch
- including guide rails, filler plates,  $\varnothing$  350, 450 and 540 mm sawing blades

#### technical details

engine	: 2,2kW (2,8pk)
voltage	: 230V
max. $\varnothing$ diamond blade	: 540 x 30 mm
max. material thickness	: 21,0 cm
weight	: 14,6 kg
order number	: MZW5421SET

#### accessories for this machine

accessories for this machine	order number
guide rail 1.3 m	: MZW5421130
guide rail 2.3 m	: MZW5421230
conversion set for blind saw	: MZW5421-10
coupling for rails	: MZW5421-30
drill stand (for corners)	: MZW5421-40

#### concrete sawing blades for this machine

concrete sawing blades for this machine	order number
$\varnothing$ 350 x 30 mm	: CWB3505000
$\varnothing$ 450 x 30 mm	: CWB4505000
$\varnothing$ 540 x 30 mm	: CWB5405000



## CARAT SLOTS SAW MACHINES

**SL-1252 DUSTEC®**

- minimal dust generation due to special sawing cover
- fitted with shaft lock to easily swap blades
- includes aluminium protection case

## technical details

engine	: 1,4kW (1,9pk)
voltage	: 230V
∅ sawing blades	: 125 x 22,23 mm
max. depth of blade	: 27 mm
width of blade	: 13 - 40 mm
weight	: 4,5 kg
order number	: MZSL12520S

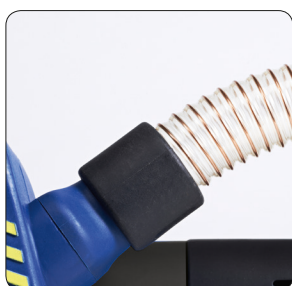
sawing blades for this machine	page
universal / various stone materials	: 6 and 8
concrete / hard stone materials	: 10 and 11
brick / soft stone materials	: 13



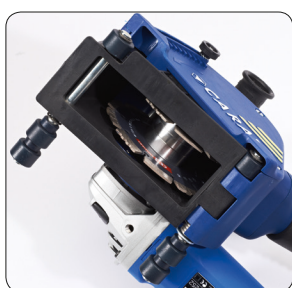
adjustable depth of blade



maximum depth of blade



dust extraction



adjustable width of blade



**SL-1502 DUSTEC®**

- saws extremely deep
- minimal dust generation due to special sawing cover
- includes aluminium protection case



laser instrument



maximum depth of blade



dust extraction



adjustable width of blade

## technical details

engine	: 2,0kW (2,7pk)
voltage	: 230V
∅ sawing blades	: 150 x 22,23 mm
max. depth of blade	: 50 mm
width of blade	: 7 - 50 mm
weight	: 6,5 kg
order number	: MZSLB15020

## sawing blades for this machine

## page

universal / various stone materials	: 6 and 8
concrete / hard stone materials	: 10
brick / soft stone materials	: 13



## CARAT CONCRETE GRINDER



working against a wall



dust extraction



brushes in the cover

**BS-1252 DUSTEC®**

- for the dust-free removal of concrete residues and levelling of floors and walls
- fitted with shaft lock for easily swapping grindings cups
- removing a layer results in a well finished surface, ready for further finishing
- includes aluminium protection case

## technical details

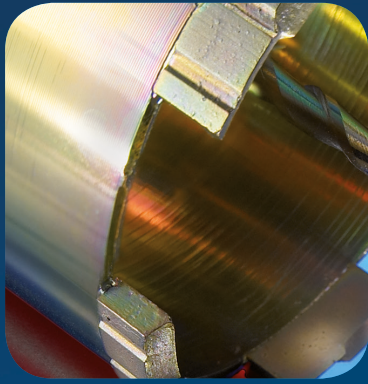
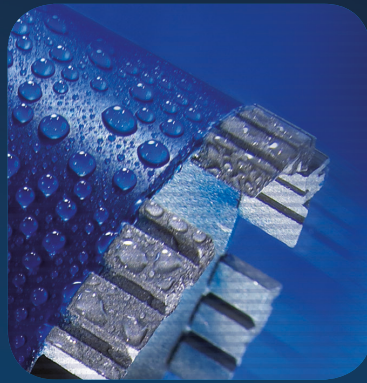
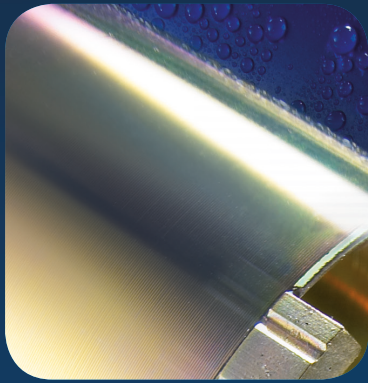
engine	: 1,4kW (1,9pk)
voltage	: 230V
∅ grinding cup	: 125 x 22,23 mm
weight	: 4,5 kg
order number	: MZBS125200

## GRINDING CUPS for this machine

GRINDING CUPS for this machine	page
concrete / hard stone materials	: 26, 27 and 28
brick / asphalt stone materials	: 28







## DIAMOND DRILLS

CHOOSING THE RIGHT DIAMOND DRILL 58

CHOOSING THE RIGHT DRILL ADAPTER FOR WET DRILLING 59

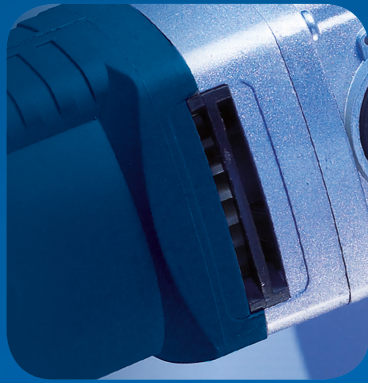
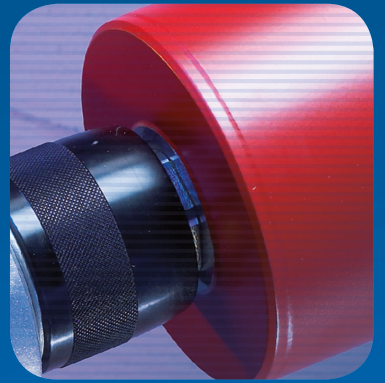
FOR CONCRETE AND HARD STONE MATERIALS 60

ACCESSORIES FOR PREMIUM AND STANDARD DIAMOND DRILLS 64

CHOOSING THE RIGHT DRILL ADAPTER FOR DRY DRILLING 65

FOR BRICK AND ABRASIVE TYPES OF STONE 66

FOR TILES AND NATURAL STONE 72





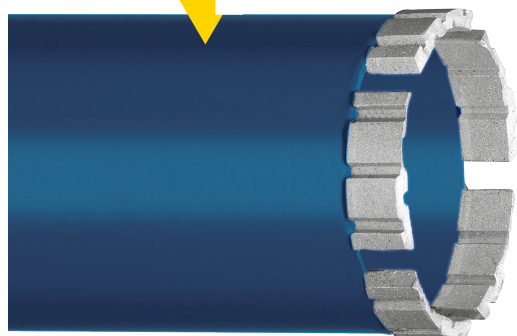
## CHOOSING THE RIGHT DIAMOND DRILL

Two questions are central when choosing the right diamond drill:



### What material?

The Carat range of diamond drills is subdivided into 2 categories:



### For use with water cooling: CONCRETE, HARD STONE MATERIALS

Especially developed for drilling in (reinforced) concrete and all other hard to very hard types (natural) stone. Also possible to drill in soft materials.



### For use without water cooling: BRICK, ABRASIVE TYPES OF STONE

Especially developed for drilling in all abrasive, sandy types of stone.



### What quality?

The amount of diamonds mentioned near the diamond drill indicates the quality level. The more diamonds in the bar, the higher the quality and the performance.

Quality Level	Diamonds	Drill Speed	Performance
PREMIUM	8 diamonds	High	High
STANDARD	6 diamonds	Medium	Medium
ECONOMY	4 diamonds	Low	Low

### Characteristics diamond drill



Laser welded: 100% warranty against weld breakage.



TT-segments: Segments with a revolutionary corrugated point. These guarantee a smooth start.



Dustec® version with slots in the flange for use with Dustec® dust extraction.





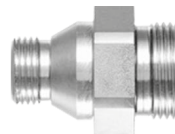
### CHOOSING THE RIGHT DRILL ADAPTER FOR WET DRILLING

Drill machine with **1/2" G** connection



ES00400000

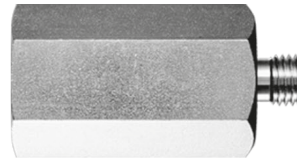
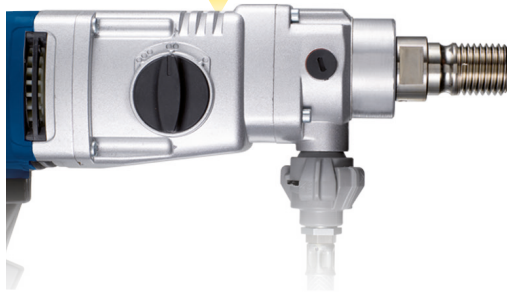
CARAT WET DRILLING WITH M16 CONNECTION



ES00500000

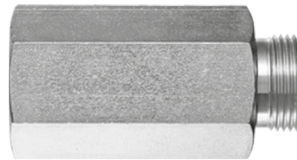
CARAT WET DRILLING WITH M30 CONNECTION

Drill machine with **5/4" UNC** connection



ES00410000

CARAT WET DRILLING WITH M16 CONNECTION

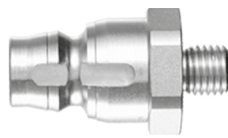
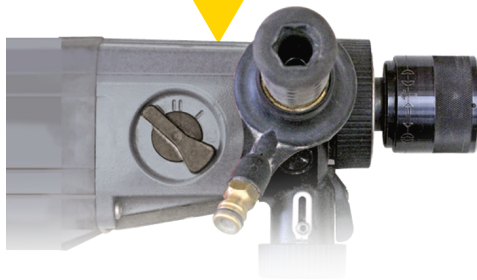


ES00510000

CARAT WET DRILLING WITH M30 CONNECTION

CARAT WET DRILLING WITH M30 CONNECTION

Drill machine with **SDS-DI** connection



ES00460000

CARAT WET DRILLING WITH M16 CONNECTION



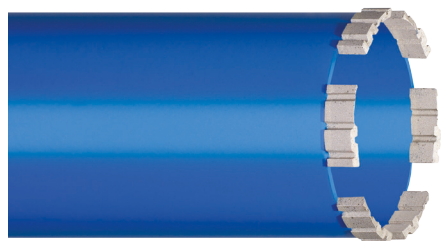
ES00560000

CARAT WET DRILLING WITH M30 CONNECTION

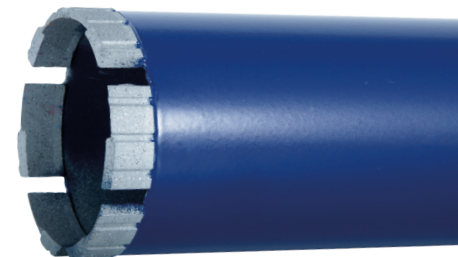


## DIAMOND DRILL FOR CONCRETE AND HARD STONE MATERIALS

## STANDARD LASER



## PREMIUM LASER



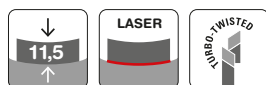
other diameters and lengths available on request.

— drill speed  
— performance

## ADVANTAGES OF AN ADAPTER

- flexible connection (1/2" G, 5/4" UNC, SCS-DI, ...)
- reusable
- no additional accessories required

## Connection M16



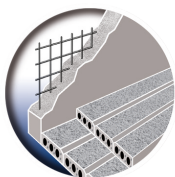
Ø mm	length	STANDARD	PREMIUM
		order number	order number
8	100		EP00810040
10	150		EP01015040
12	150		EP01215040
14	200	ES01420040	EP01420040
14	300	ES01430040	EP01430040
16	200	ES01620040	EP01620040
16	300	ES01630040	EP01630040
18	300	ES01830040	EP01830040
20	300	ES02030040	EP02030040
22	300	ES02230040	EP02230040
24	300	ES02430040	EP02430040
25	300	ES02530040	EP02530040
26	300	ES02630040	EP02630040
28	300	ES02830040	EP02830040
29	300	ES02930040	EP02930040
31	300	ES03130040	EP03130040
31	400	ES03140040	EP03140040
36	300	ES03630040	EP03630040
36	400	ES03640040	EP03640040
41	300	ES04130040	EP04130040
41	400	ES04140040	EP04140040

## PREMIUM



## STANDARD

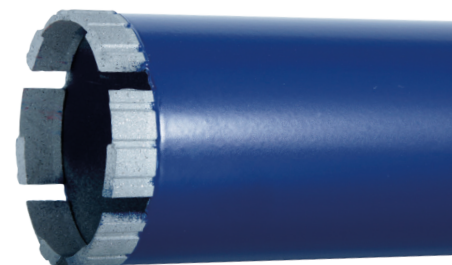
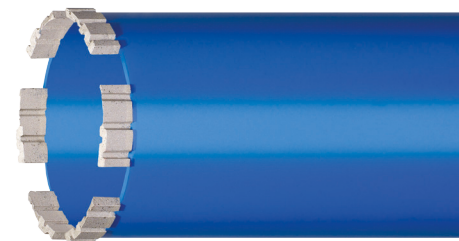




## DIAMOND DRILL FOR CONCRETE AND HARD STONE MATERIALS

## Connection M30

Ø mm	length	STANDARD	PREMIUM
		order number	order number
46	300	ES04630050	EP04630050
46	400	ES04640050	EP04640050
51	300	ES05130050	EP05130050
51	400	ES05140050	EP05140050
56	300	ES05630050	EP05630050
56	400	ES05640050	EP05640050
61	300	ES06130050	EP06130050
61	400	ES06140050	EP06140050
66	300	ES06630050	EP06630050
66	400	ES06640050	EP06640050
71	300	ES07130050	EP07130050
71	400	ES07140050	EP07140050
76	300	ES07630050	EP07630050
76	400	ES07640050	EP07640050
81	300	ES08130050	EP08130050
81	400	ES08140050	EP08140050
86	300	ES08630050	EP08630050
86	400	ES08640050	EP08640050
91	300	ES09130050	EP09130050
91	400	ES09140050	EP09140050
96	400		EP09640050
101	300	ES10130050	EP10130050
101	400	ES10140050	EP10140050
111	300	ES11130050	EP11130050
111	400	ES11140050	EP11140050
121	300	ES12130050	EP12130050
121	400	ES12140050	EP12140050
126	300	ES12630050	EP12630050
126	400	ES12640050	EP12640050
131	300	ES13130050	EP13130050
131	400	ES13140050	EP13140050
141	400	ES14140050	EP14140050
151	400	ES15140050	EP15140050
161	400	ES16140050	EP16140050
171	400	ES17140050	EP17140050
181	400	ES18140050	EP18140050
201	400	ES20140050	EP20140050

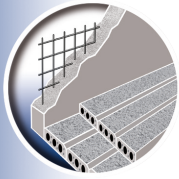


## PREMIUM



## STANDARD





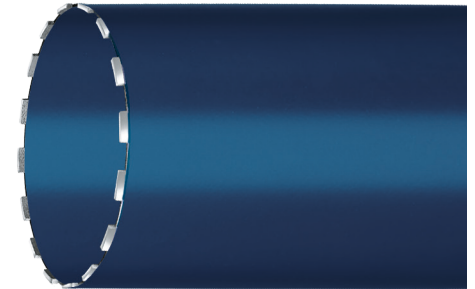
**DIAMOND DRILL FOR CONCRETE AND HARD STONE MATERIALS**

**Connection 5/4 'UNC**

- silver soldered



Ø mm	length	STANDARD	PREMIUM
		order number	order number
220	400	ES22040020	EP22040020
250	400	ES25040020	EP25040020
275	400	ES27540020	EP27540020
300	400	ES30040020	EP30040020
350	400	ES35040020	EP40040020
400	400	ES40040020	EP05640050
450	400	ES45040020	EP45040020
500	400	ES50040020	EP50040020
550	400	ES55040020	EP55040020
600	400	ES60040020	EP60040020

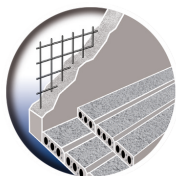


**PREMIUM**



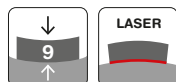
**STANDARD**





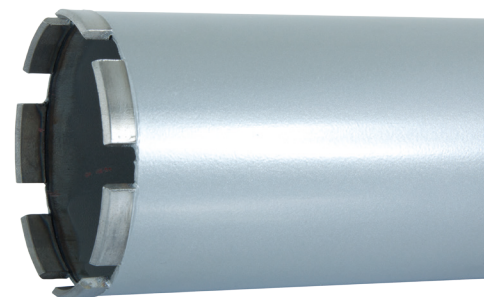
## DIAMOND DRILL FOR CONCRETE AND HARD STONE MATERIALS

## DIAMOND DRILL ECONOMY



## fixed connection 1/2'G

Ø mm	length	order number
31	300	ER03130010
36	300	ER03630010
41	300	ER04130010
51	400	ER05140010
61	400	ER06140010
71	400	ER07140010
76	400	ER07640010
81	400	ER08140010
91	400	ER09140010
101	400	ER10140010
111	400	ER11140010
121	400	ER12140010
131	400	ER13140010

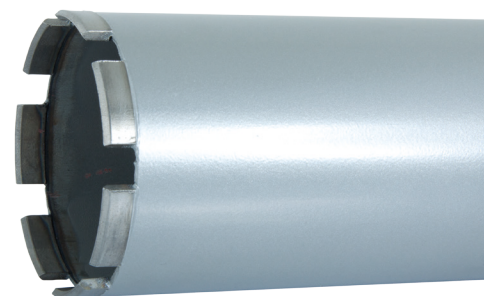


## ECONOMY



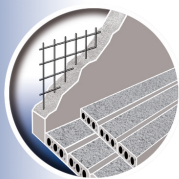
## fixed connection 5/4'UNC

Ø mm	length	order number
51	400	ER05140020
61	400	ER06140020
71	400	ER07140020
76	400	ER07640020
81	400	ER08140020
91	400	ER09140020
101	400	ER10140020
111	400	ER11140020
121	400	ER12140020
131	400	ER13140020
151	400	ER15140020
161	400	ER16140020
171	400	ER17140020
200	400	ER20040020



## ECONOMY

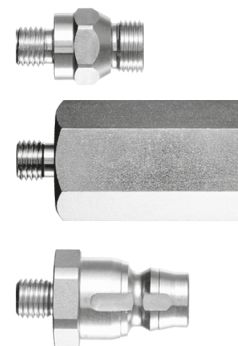




## ACCESSORIES FOR PREMIUM AND STANDARD DIAMOND DRILLS

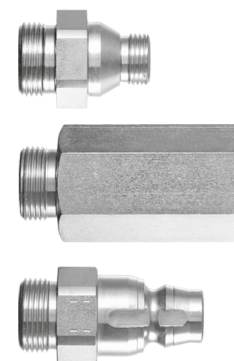
### ADAPTERS SCREW THREAD M16

description	order number
1/2'G	ES00400000
5/4'UNC	ES00410000
SDS-DI	ES00460000
M18	ES00430000



### ADAPTERS SCREW THREAD M30

description	order number
1/2'G	ES00500000
5/4'UNC	ES00510000
SDS-DI	ES00560000
M18	ES00530000
M30 (ext) x M16 (int)	HDND010000



### EXTENSIONS

- extensions for use 1/2" G: minimum drill diameter 31 mm
- extensions for use 1 1/4" UNC: minimum drill diameter 51 mm

length mm	machine connection	order number
100	1/2'G	BC21100000
200	1/2'G	BC21200000
300	1/2'G	BC21000000
100	5/4'UNC	BC22010000
200	5/4'UNC	BC22020000
300	5/4'UNC	BC22000000
400	5/4'UNC	BC22040000



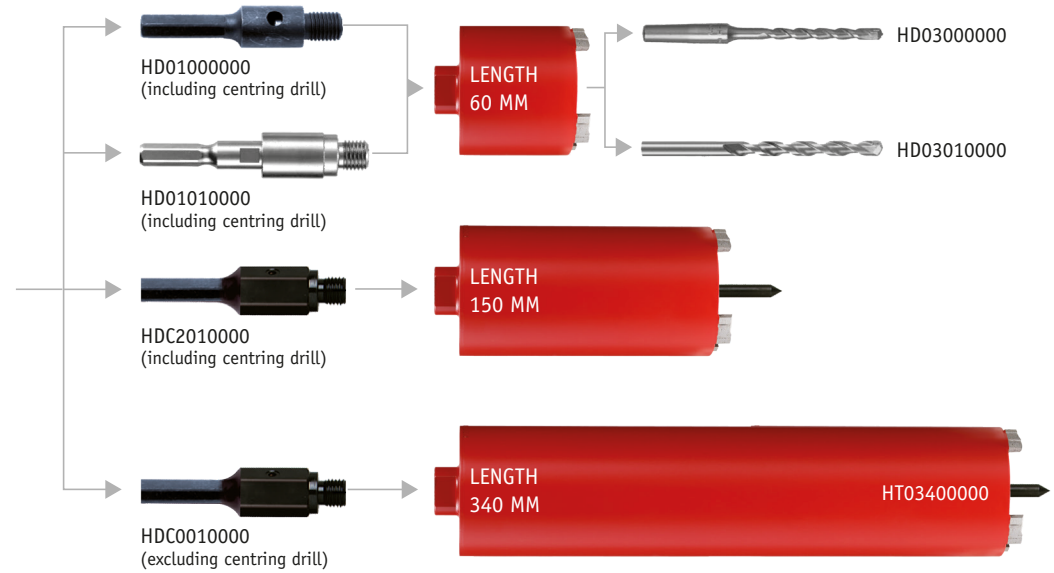
### REDUCERS

description	order number
1/2 - 5/4 external thread	BC02000000
1/2 - 5/4 internal thread	BC01000000

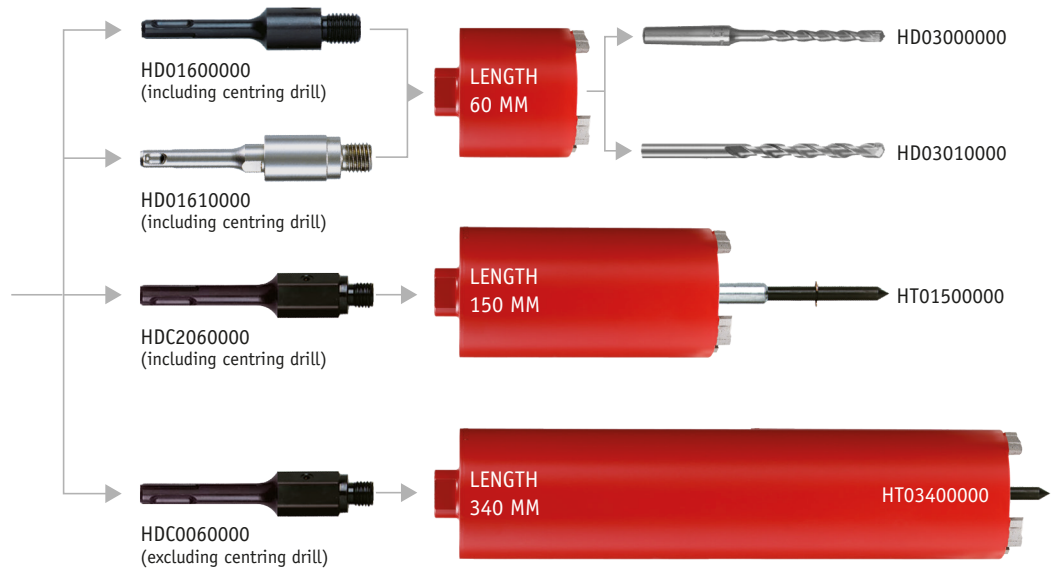


## CHOOSING THE RIGHT DRILL ADAPTER FOR DRY DRILLING

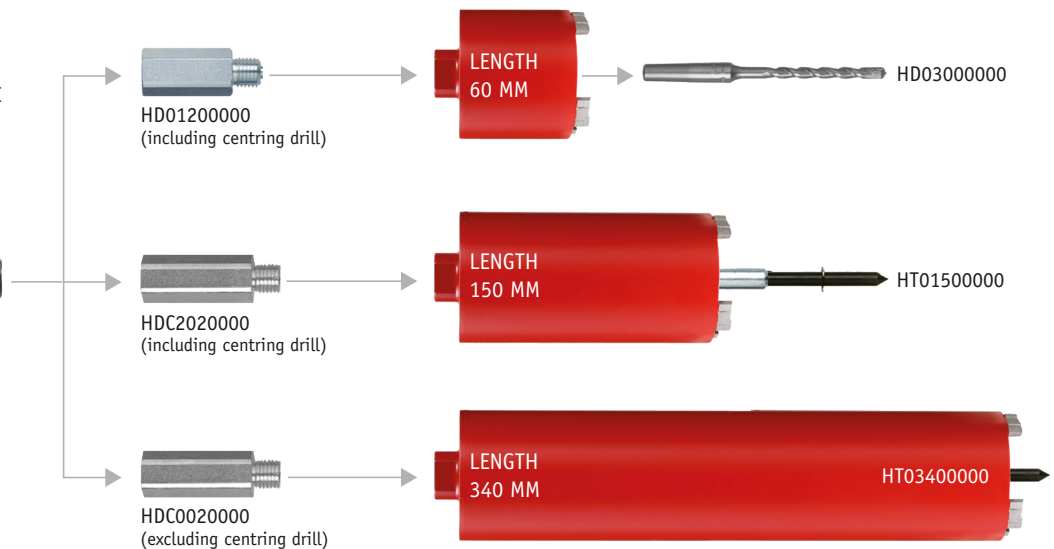
Drill machine with **13mm** drill chuck

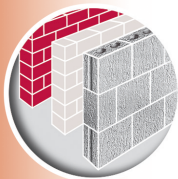


Drill machine with **SDS**-drill chuck



Drill machine with **5/8" x 16UNF**-shaft

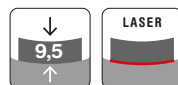




## DIAMOND DRILL FOR BRICK AND ABRASIVE TYPES OF STONE

### CARAT DRY DRILL, length 60 mm x M16

- with Fastip segments
- with slots on the side

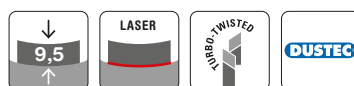


Ø mm	amount of segments	order number
32	3	HDND032604
42	3	HDND042604
52	3	HDND052604
62	3	HDND062604

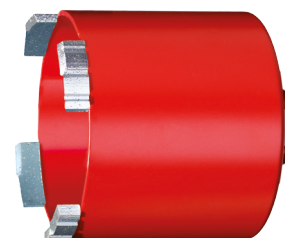


### CARAT DRY DRILL, length 60 mm x M16

- with slots in the flange for the possibility to use Dustec® dust extraction



Ø mm	amount of segments	order number
68	3	HTS0686040
72	4	HTS0726040
76	4	HTS0766040
82	4	HTS0826040
92	4	HTS0926040
102	5	HTS1026040
112	5	HTS1126040
122	6	HTS1226040
132	6	HTS1326040
142	5	HTS1426040
152	6	HTS1526040
162	7	HTS1626040



### MOUNTING SPINDLES M16 with centring drill, for box drills

#### FOR 13 MM DRILL CHUCK

description	order number
with conical center drill	HD01000000
with quick change center drill	HD01010000

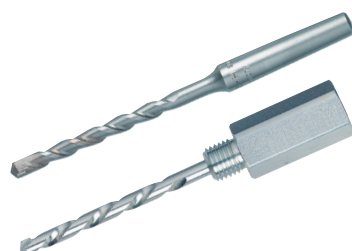
#### FOR SDS-PLUS SYSTEM

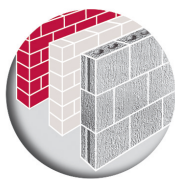
description	order number
with conical center drill	HD01600000
with quick change center drill	HD01610000



#### CENTRING DRILL set of 2

description	order number
Ø 7 mm for use with conical system	HD03000200
Ø 8 mm for use with quick change system	HD03010200

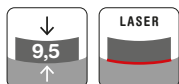




## DIAMOND DRILL FOR BRICK AND ABRASIVE TYPES OF STONE

**CARAT DRY DRILL, length 150 mm x M16**

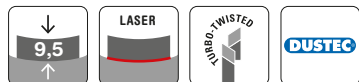
- with Fastip segments
- with slots on the side



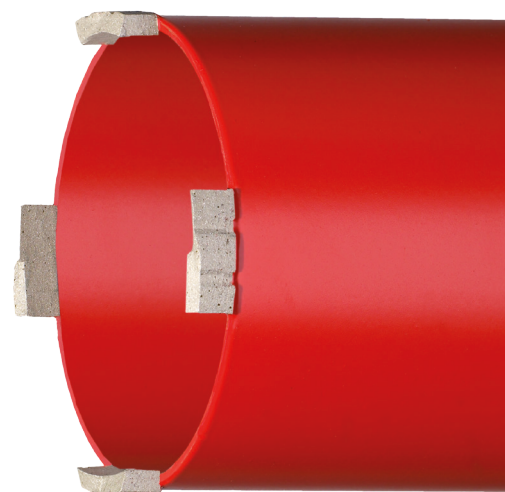
Ø mm	amount of segments	order number
32	3	HDC0321504
42	3	HDC0421504
52	3	HDC0521504
62	3	HDC0621504

**CARAT DRY DRILLING DUSTEC®, lengte 150 mm x M16**

- with slots in the flange for the possibility to use Dustec® dust extraction



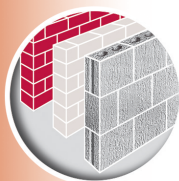
Ø mm	amount of segments	order number
68	3	HTM0681504
72	4	HTM0721504
82	4	HTM0821504
92	4	HTM0921504
102	5	HTM1021504
112	5	HTM1121504
122	6	HTM1221504
132	6	HTM1321504
142	6	HTM1421504
152	6	HTM1521504
162	7	HTM1621504

**MOUNTING SPINDLES M16**

with centred pin for dry drilling length 150 mm

	order number
For 13 mm drill chuck	HDC2010000
For SDS-plus drill chuck	HDC2060000
For shaft 5/8" x 16UNF	HDC2020000

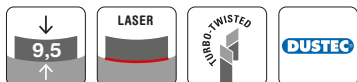




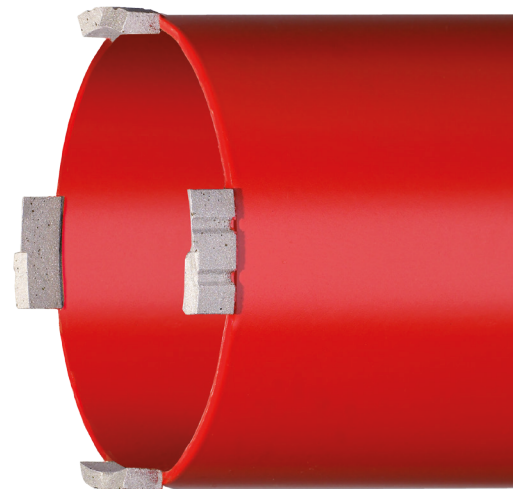
## DIAMOND DRILL FOR BRICK AND ABRASIVE TYPES OF STONE

**CARAT DRY DRILL DUSTEC® , length 340 mm x M16**

- with slots in the flange for the possibility tot use Dustec® dust extraction



Ø mm	amount of segments	order number
68	3	HTL0683404
72	4	HTL0723404
82	4	HTL0823404
92	4	HTL0923404
102	5	HTL1023404
112	5	HTL1123404
122	6	HTL1223404
132	6	HTL1323404
142	6	HTL1423404
152	6	HTL1523404
162	7	HTL1623404

**DUSTEC® DRILL CHUCK M16**

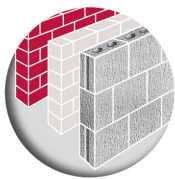
machine-connection	order number
5/8" x 16UNF	ANT0100000
M18 x 2,5	ANT0200000
1/2" x 20UNF	ANT0300000
13 mm drill chuck	ANT0400000
SDS plus	ANT0500000
M16	ANT0600000
1/2"G	ANT0700000

**CENTRE PINS**

length mm	order number
60	HT00600000
150	HT01500000
340	HT03400000



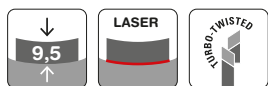
See page 70 for support discs, which are best to use with centre pins.



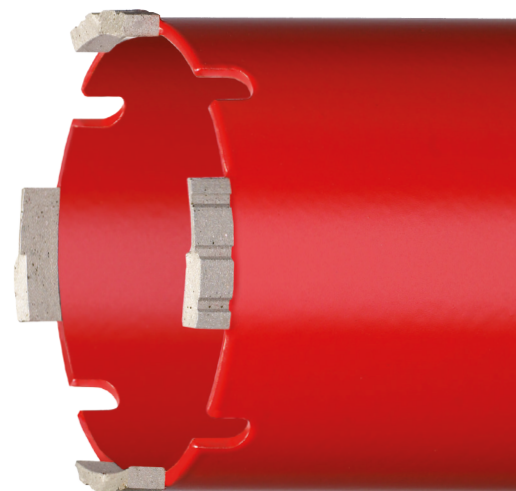
## DIAMOND DRILL FOR BRICK AND ABRASIVE TYPES OF STONE

**CARAT DRY DRILL NASTROC®,  
length 400 mm x M30**

- to be used in combination with A-2211 and A-2212 and adapter ES0051 for perfect dust extraction during dry drilling

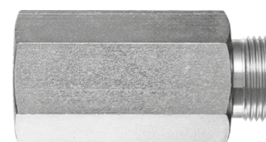


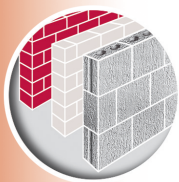
Ø mm	amount of segments	order number
32	3	HDNL032405
42	3	HDNL042405
52	3	HDNL052405
62	3	HDNL062405
72	4	HDNL072405
82	4	HDNL082405
92	4	HDNL092405
102	4	HDNL102405
112	4	HDNL112405
122	6	HDNL122405
132	6	HDNL132405
142	6	HDNL142405
152	6	HDNL152405
162	7	HDNL162405

**ADAPTER SCREW THREAD M30**

description	order number
5/4'UNC	ES00510000

See page 70 for support discs and centre pin.





## DIAMOND DRILL FOR BRICK AND ABRASIVE TYPES OF STONE

### SUPPORT DISCS for DUSTEC® and NASTROC® centre pins

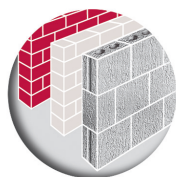
for diamond drill $\varnothing$ mm	order number
32	HDC3032000
42	HDC3042000
52	HDC3052000
62	HDC3062000
68	HDC3068000
72	HDC3072000
82	HDC3082000
92	HDC3092000
102	HDC3102000
112	HDC3112000
122	HDC3122000
132	HDC3132000
142	HDC3142000
152	HDC3152000
162	HDC3162000



### CENTRE PIN

description	order number
400 mm	HDN0011000

Centre pins are best to be used with support discs.



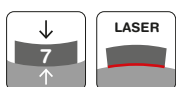
## DIAMOND DRILL FOR BRICK AND ABRASIVE TYPES OF STONE

**DIAMOND DRILL KIT for BRICK AND LIMESTONE,  
length 150 mm x M16**

This kit, with 5 diamond drills ( $\varnothing$  32, 52, 82, 112 and 132 mm) lets you drill the most commonly used holes in a simple manner. Easy to mount on drill motors with 13 mm- or SDS-drill chuck.

The useful drill length of 150 mm can be extended to 300 mm with the enclosed extensions.

description	order number
kit complete	HTESET0000

**DIAMOND DRILLS**

$\varnothing$ mm	amount of segments	order number
32	3	HTE0321504
52	3	HTE0521504
82	4	HTE0821504
112	5	HTE1121504
132	6	HTE1321504

**Accessories**

description	order number
Extension 245 mm, M16 x hexagon	HD01000245
Extension 245 mm, M16 x SDS-plus	HD02600245
Centre drill	HD03000245



**DIAMOND DRILL FOR TILES AND NATURAL STONE****DIAMOND DRILL KIT****for dry use on (cordless) drill machines**

- kit with 4 diamond drills,  $\varnothing$  6-8-10-12 mm and centre aid
- drills fitted with hexagon system for optimal grip on the drill chuck
- fitted with Lubriwax<sup>®</sup> for optimal cooling
- best result at a high speed (minimum of 1500 rpm)
- delivered in aluminium protection case

description	order number
kit with $\varnothing$ 6, 8, 10, 12 and centre aid	ETDSET0000
kit with $\varnothing$ 6, 8, 10, 12, centre aid and dust extraction	ETDSET02NF

**DIAMOND DRILLS**

$\varnothing$ mm	drilling depth mm	order number
6	30	ETD0060000
8	35	ETD0080000
10	35	ETD0100000
12	35	ETD0120000
14	35	ETD0140000
16	35	ETD0160000
18	35	ETD0180000
20	35	ETD0200000

**Accessories**

description	order number
centre aid	BCH0400000

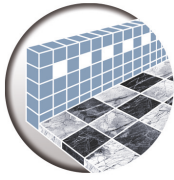


ETDSET02NF



ETDSET0000



**DIAMOND DRILL FOR TILES AND NATURAL STONE****DIAMOND DRILL KITS****for dry use with angle grinders**

- drills fitted with M14 connection
- small drills (6, 8, 10 and 12mm) fitted with Lubriwax® and the bigger ones with slots for optimal cooling
- delivered in aluminium protection case

description	order number
kit with drill $\varnothing$ 6-8-10-12-20-27-35 mm	EHSSET04NF
kit with drill $\varnothing$ 20-27-35-55-72 mm	EHSSET02NF

**DIAMOND DRILLS**

$\varnothing$ mm	drilling depth mm	order number
6	30	EHS0060706
8	30	EHS0080706
10	30	EHS0100706
12	30	EHS0120706
20	40	EHS0200706
27	40	EHS0270706
35	40	EHS0350706
40	40	EHS0400706
55	40	EHS0550706
68	40	EHS0680706
72	40	EHS0720706
82	40	EHS0820706
92	40	EHS0920706
102	40	EHS1020706
112	40	EHS1120706
132	40	EHS1320706



EHSSET04NF



EHSSET02NF

**DIAMOND DRILL FOR TILES AND NATURAL STONE****DIAMOND DRILL KIT****for use with water cooling on cordless drill machines**

- kit with 3 diamond drills, Ø 6-8-10-12-25-36 mm, centre aid and water fed drill head
- drills fitted with a 1/2" G system
- delivered in aluminium protection case



description	order number
set complete	ETSET020NF

**DIAMOND DRILLS**

Ø mm	drilling depth mm	order number
6	60	ET00607010
8	60	ET00807010
10	60	ET01007010
12	60	ET01207010
14	60	ET01407010
16	60	ET01607010
18	60	ET01807010
20	60	ET02007010
25	60	ET02507010
32	60	ET03207010
36	60	ET03607010
41	60	ET04107010
51	60	ET05107010
56	60	ET05607010

**ACCESSOIRES**

description	order number
centre aid	BCH0100000
water fed drill head	BB00BK4000





# DRILL MACHINES AND DRILL STANDS

CHOOSING THE RIGHT DRILL MACHINE	76
HANDHELD DRILL MACHINES	77
STANDS FOR HANDHELD DRILL MACHINES	81
DIAMOND DRILL SYSTEMS	85
ACCESSORIES	88



## CHOOSING THE RIGHT DRILL MACHINE

Four questions are central when choosing the right drill machine:














### What material?

The range of diamond drills is subdivided into 2 colours:

Brick  Use (with dust extraction) in brick and limestone.

Concrete  Use with water cooling in (reinforced) concrete and hard materials.

In the table below you can select the most suitable drill machine.

drilling range mm		type	see page	power output	speeds	
 32 → 150		handheld	A-1651	77	1,8kW	1
 14 → 70		handheld	A-1811	78	1,8kW	2
 14 → 120		with stand	A-1811	78	1,8kW	2
 14 → 70		handheld	A-2010	79	2kW	3
 14 → 150		with stand	A-2010	79	2kW	3
 14 → 70		handheld	A-2211	80	2,2kW	3
 32 → 160			A-2212			
 14 → 160		with stand	A-2211	80	2,2kW	3
 32 → 200			A-2212			
 46 → 250		with stand	AS-2512	86	2,5kW	3
 46 → 350		with stand	AS-3312	87	3,3kW	3



### With or without water cooling?

(in concrete, water cooling is always required)



### Which diameters now and in the future?



### Handheld or with drill stand?

Is a combination of both desired?

## CONTROTEC®

Controtec is unique software that protects against electrical and mechanical overloading of the Carat drill motors.

Advantages of the Controtec:

- operator can see and feel when the motor is overloaded
- mechanical slipping clutch is activated a great deal less
- maximum torque available at any speed
- faster and more efficient drilling process
- fewer repair and maintenance costs



professional drill chuck



spirit levels

## A-1802 DIAMOND DRILL MACHINE

### for use without water cooling

- fitted with Controtec®
- with high quality 13 mm drill chuck
- includes aluminium protection case
- specially developed for use in combination with the dry drill kit on page 70 of this catalogue

#### technical details

engine	: 1.8kW (2.5hp)
voltage	: 230V
speeds	: 1
RPM under load	: 2.000 rpm
drill range handheld in brick	: $\varnothing$ 150 mm
machine connection	: 16mm drill chuch (Rohm)
weight	: 4.5 kg
order number	: AMB1802000

#### drills for this machine

#### page

brick / abrasive types of stone	: 66, 67, 68 and 71
---------------------------------	---------------------





1/2 G connection



2 mechanical speeds



Controtec®



water flow control

## A-1811 DIAMOND DRILL MACHINE

### for use with water cooling

- includes aluminium protection case and PRCD safety switch.
- the A-1811 can be used with the S-1801, S-1802, S-1803, S-1804 and S-1805 stand (see pages 82, 83, 84 and 85)

#### technical details

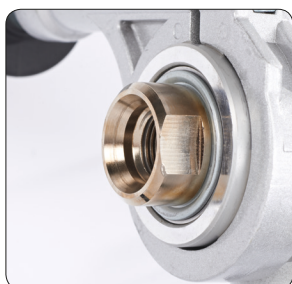
engine	: 1.8kW (2.5hp)
voltage	: 230V
speeds	: 2
RPM under load	: 1st speed: 1.000 rpm : 2nd speed: 2.600 rpm
drill range handheld in concrete	: Ø 70 mm
drill range from stand in concrete	: Ø 120 mm
machine connection	: 1/2" G
weight	: 5.2 kg
order number	: AMB1811000

#### drills for this machine

#### page

concrete / hard stone materials	: 60, 61 and 63
---------------------------------	-----------------





1/2'G connection



3 mechanical speeds



Controtec®



water flow control

professional switch  
with soft grip

## A-2010 DIAMOND DRILL MACHINE

### for use with water cooling

- including aluminium protection case and PRCD safety switch
- the A-2010 can be used with the S-1801, S-1802, S-1803, S-1804 and S-1805 (see pages 82, 83, 84 and 85)

#### technical details

engine	: 2,0kW (2,7pk)
voltage	: 230V
speeds	: 3
RPM under load:	1st speed : 450 rpm 2nd speed : 1050 rpm 3rd speed : 2000 rpm
drill range handheld	in concrete : $\varnothing$ 70 mm in brick : $\varnothing$ 160 mm
drill range from stand	in concrete : $\varnothing$ 150 mm in brick : $\varnothing$ 200 mm
machine connection	: 1/2'G
weight	: 6,2 kg
order number	: AMB2010000
drills for this machine	
concrete / hard stone materials	page : 60, 61 and 63



## A-2211/A-2212 DIAMOND DRILL MACHINES

for use with water cooling or with dust extraction

- including aluminium protection case and PRCD safety switch
- the A-2211 and A-2212 can be used with the S-1801, S-1802, S-1803, S-1804 and S-1805 (see pages 82, 83, 84 and 85)



Combination shaft, 1/2" G and 5/4" UNC



3 mechanical speeds



Controtec®



water flow control



professional switch with soft grip

technische gegevens	
engine	: 2,2kW (3pk)
voltage	: 230V
speeds	: 3
RPM under load	1st speed : 450 rpm 2nd speed : 1050 rpm 3rd speed : 2000 rpm
drill range handheld	in concrete : Ø 70 mm in brick : Ø 160 mm
drill range from stand	in concrete : Ø 160 mm in brick : Ø 200 mm
machine connection	: 1/2" G + 5/4" UNC
weight	: 6,7 kg

	A-2211	A-2212
handle	back handle	pistol handle
order number	AMB221100	AMB2212000
drills for these machines	page	
concrete / hard stone materials	: 60, 61 and 63	
brick / abrasive types of stone	: 69	







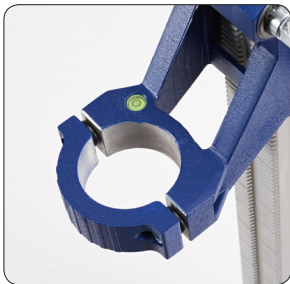
## CARAT STANDS FOR HANDHELD DRILL MACHINES

**S-1801 DRILL STAND**

- aluminium stand with adjusting feet for perfect placement
- control handle can be mounted on both sides and can be used for leveling
- adjustable guidance
- base plate suited for use of anchor set and modular ceiling jack



centre arrow



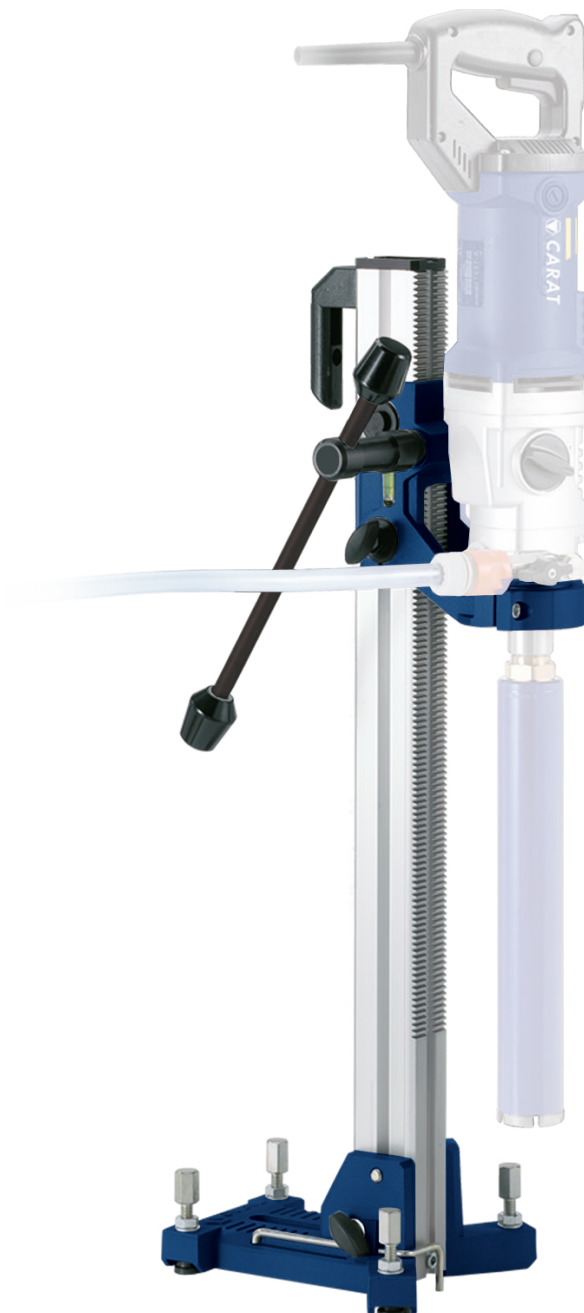
spirit level in drill



compact foot

## technical details

max. drill diameters	: 130 mm
max. drill length	: 450 mm
∅ clamping collar	: 60 mm
weight	: 7,0 kg
order number	: ASB1801000



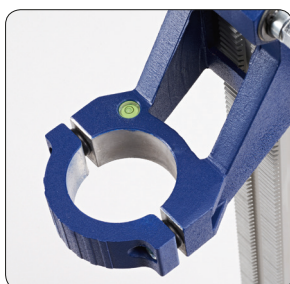
## CARAT STANDS FOR HANDHELD DRILL MACHINES

**S-1802 AND S-1803 DRILL STAND**

- robust stand made of aluminium with adjustable feet for perfect placement
- control handle can be mounted on both sides and can be used for leveling
- adjustable guidance
- base plate suited for use of anchor set, modular ceiling jack and vacuum kit



centre arrow



spirit level in drill



suitable for vacuum



can tilt without steps

## technical details

max. drill diameters 90°	: 160 mm
max. drill diameters 45°	: 120 mm
max. drill length	: 500 mm
∅ clamping collar	: 60 mm
weight	: 8,5 kg

	S-1802	S-1803
with back brace	: no	: yes
order number	: ASB1802000	: ASB1803000





## S-1804 DRILL STAND

- safe and fast drilling of holes in sewage pipes
- aluminium construction with pressure springs

### technical details

max. drill diameters	: 250 mm
max. drill length	: 300 mm
∅ clamping collar	: 60 mm
weight	: 6,0 kg
order number	: ASB1804000



## CARAT STANDS FOR HANDHELD DRILL MACHINES

**S-1805 DRILL STAND**

- for fast and professional ceiling drilling
- integrated stamp for fixing between floor and ceiling with a compressive force of 1000 kg
- including water collector ring (use of water vacuum is required)

## technical details

max. drill length	: 400 mm
∅ clamping collar	: 60 mm
working height	: from 2 to 2,9 metres
weight	: 31 kg

## S-1805-150

## S-1805-180

max. drill diameters	: 150 mm	: 180 mm
order number	: ASB1805000	: ASB18050180

**HORIZONTAL DRILL STAND for S-1805**

- accessories for safe and controlled horizontal drilling
- delivered without water collector

## technische gegevens

max. drill diameters	: 200 mm
max. drill length	: 400 mm
order number	: ASB1805HOR



locking

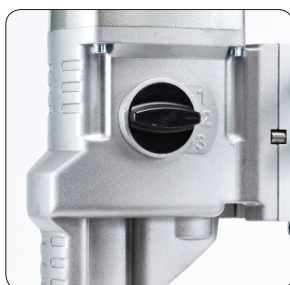


includes water collector ring





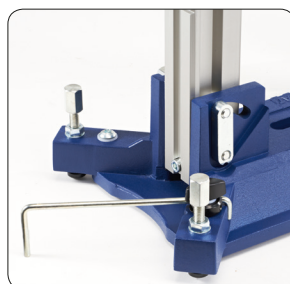
Controtec®

combination shaft, 1/2" G  
and 5/4" UNC

3 mechanical speeds



stable base plate with wheels



centre arrow

## AS-2512 COMPLETE DRILL KIT

- suitable for water cooled drilling in reinforced concrete
- motor with three way protection against overloading
- base plate suited for use of anchor set, modular ceiling jack and vacuum kit

### technical details

engine	: 2,5kW (3,4pk)
voltage	: 230V
speeds	: 3
RPM under load:	1st speed : 315 rpm 2nd speed : 655 rpm 3rd speed : 970 rpm
drill range from stand in concrete	: $\varnothing$ 250 mm
machine connection	: 1/2" G + 5/4" UNC
weight	: 21,5 kg
order number	: AMB2512000

### drills for this machine

### page

concrete / hard stone materials	: 60, 61, 62 and 63
---------------------------------	---------------------





Controtec®



3 mechanical speeds



integrated wheels



reduction gear unit

## AS-3312 COMPLETE DRILL KIT

- suitable for water cooled drilling in reinforced concrete
- motor with three way protection against overloading
- base plate suited for use of anchor set

### technical details

engine	: 3,3kW (4,5pk)
voltage	: 230V
speeds	: 3
RPM under load:	1st speed : 230 rpm 2nd speed : 510 rpm 3rd speed : 730 rpm
drill range from stand in concrete	: $\varnothing$ 350 mm
machine connection	: 5/4' UNC
weight	: 32,0 kg
order number	: ASB3312000

### drills for this machine

### page

concrete / hard stone materials	: 60, 61, 62 and 63
---------------------------------	---------------------





## S-3010 DRILL STAND

- for fast and professional floor or wall drilling
- no anchoring required, ceiling jack integrated in vertical column
- horizontal column can be rotated 360 degrees
- drilling at any angle
- drill stands can also be used separately

### technical details

max. drill diameters	: 350 mm (vertical)
	: 300 mm (at any angle)
max. drill length	: 1700 mm vertical
	: 500 mm horizontal
working height	: from 2 to 3,5 metres
weight	: 46 kg
order number	: ASB3010000



## WATER COLLECTOR RINGS, including 3 rubber covers

description	order number
for drill stand S-1801 up to $\varnothing$ 130 mm	BSW1801000
for drill stands S-1802 and S-1803 up to $\varnothing$ 130 mm	BSW1802000
for drill stand S-1805-150 up to $\varnothing$ 150 mm	BSW1805000
for drill stand S-1805-180 up to $\varnothing$ 180 mm	BSW1805200
for drill stand S-2300 up to $\varnothing$ 180 mm	BSW2300000
for drill stand S-3000 up to $\varnothing$ 300 mm	BSW3000000



## REPLACE RUBBERS

description	order number
replace rubber for BSW1801, BSW1802	BSW1801D00
replace rubber BSW1805 150 mm	BSW1805D00
replace rubber BSW1805 180 mm	BSW1805D20
replace rubber for BSW2300	BSW2302D00

## ACCESSORIES VACUUM KIT

for drill stands S-1802, S-1803 and S-2300

description	order number
vacuum pump with hose	BA04B00000
vacuum connection	BSV0000000
rubber ring for S-1802/S-1803	BSV1802000
rubber ring for S-2300	BSV2300000



## PRESSURE TANK

description	order number
steel water pressure tank (10liters) with special longlife innercoating	KDDW220000







## ACCESSORIES

**MODULAR CEILING JACK**

- for drill stands S-1801, S-1802, S-1803 and S-2300

description	order number
length from 1.70 m up to 3.10 m	BSS0000000

**FILLING BLOCK S-2300 / S-3000**

- increases the maximum drill diameters by 50 mm

description	order number
	BSVB000000

**DUOCATCH**

- no dust nuisance or water flooding during drilling with diamond
- is mounted vacuum to a wall with a regular vacuum / water cleaner
- also serves as a centre aid due to the 13 enclosed centre rings (Ø 32 to and with 152 mm)

description	order number
Duocatch	BDC0100000

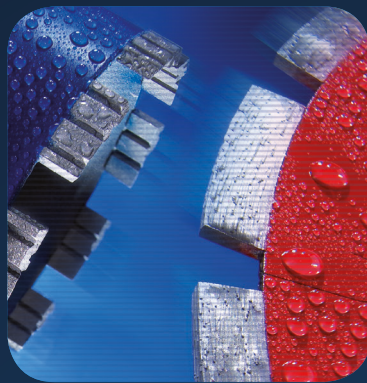
**ACCESSORIES**

description	order number
anchor set M12 including 50 anchors	BA03A00000
quick release skewer, wing nut and ring for anchor M12	BA03ZA0000
50 anchors M12	ZBA03B1200
sharpening stone for sharpening of diamond drill	BH00000000









## CARAT GROUP

Carat is known with its customers and suppliers as a fast and steady growing company. Being part of the Hitachi Ltd group we are located in Belgium, the Netherlands, Denmark, Italy and are a trusted partner of several other importers.

### Carat group consists of two departments:

- Carat, which is a highly valued and leading manufacturer and importer of diamond tools for stone, tile and concrete drilling and cutting applications.
- HewiTool that offers a wide range of nail and staple guns for the professional woodworker.

We are continuously innovating and improving our products to the needs of the market to offer you a full range of high quality products.

Contact us for more information about Carat and our product range.

 **HewiTool®**

 **CARAT®**

### CARAT NV

Ambachtenstraat 7  
2260 Westerlo  
Belgium  
tel. +32 (0)14 540 898

fax +32 (0)14 540 897  
VAT BE 0445.993.726  
info@carat-tools.com  
www.carat-tools.com

