

## MACHINES FOR SPECIAL JOBS



### PRECISION CUT AND BEVEL MACHINE WITH AUTOMATIC FEED (SINGLE AND MULTI-BLADE)

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### 45° BEVEL ANGLE CUT ("JOLLY") SAW MACHINE

JOLLYNA.....	C4
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### "AUTOMATIC" VERTICAL CUT MACHINES

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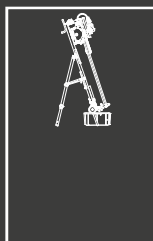


We developed a complete range of machines, which meets the most sophisticated needs in terms of processing ceramic tiles and natural stones.

Special-jobs-machines allow to cut, cut and bevel simultaneously, to create anti-slip grooves with the maximum precision on tiles and slabs as well as to perform 45° angle/bevel cut ("jolly") up to 180 cm (71") length.

Multiple-blades option is also available for maximizing productivity. In addition to that, we offer the possibility to perform automatic cut by gravity up to a maximum length of 150 cm (59") with machines, which optimize cutting specifications and machine dimensions/weight for the ease of transport and placing even in sites with small work areas.

Last but not least, our complete range of profiling machines is perfect for creating your own high-quality skirting boards as well as performing 45° angle cuts, bevels and edge finishing.



# CM 180 AUTOMATIC

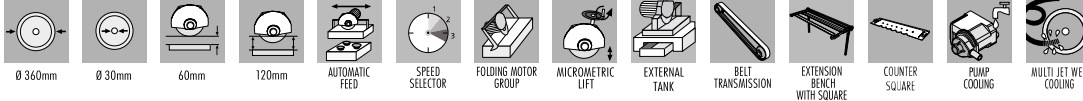


MACHINES FOR SPECIAL JOBS

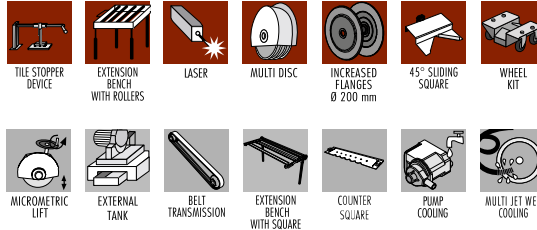
## AVAILABLE BLADES



## TECHNICAL CHARACTERISTICS



## ACCESSORIES



## PACKAGE



- For cutting, cutting and bevelling in a single operation, 45° mitres, multiple grooves (for safety treads), multiple cuts in porcelain, marble, granite, single and double fired.
- Maximum length of cut 180 cm (70 7/8").
- Maximum thickness of cut: 120 mm (4 3/4") in single pass.
- Precise adjustability of cutting depth via micrometric lifting/lowering device.
- Maximum disc Ø 360 mm (14").
- Blade cooling via heavy duty pump and multiple water jets.
- Pump provided with interchangeable filters.
- External polypropylene tank (capacity 80 litres / 21 gal).
- Motor assembly with automatic feed (5 speeds).
- Sliding motor assembly with 4 adjustable PVC rollers (with bearings).
- Double sliding bar.
- Tilting motor group for performing mitre cuts from 0° to 45°.
- Stand with adjustable feet.
- Rust proof: coated steel + Electrophoresis.
- Supplied with: extension bench with square (maximum travel 100 cm - 39 3/8"), countersquare (maximum travel 60 cm - 23 5/8"), key kit, dressing stone, user and maintenance manual.

## MODEL SPECIFICATIONS

Part No.	Barcode	Box	Lightning Bolt	Motor	M	Motor	Motor	Motor	Motor	Motor
<b>379ADV 230</b>	8024648065834	1	230 V 50 Hz	● 2P+T / 16A	Single-phase	3 HP / 2,2 kW	2800	—	—	2000
<b>379ADV 230/6</b>	8024648073105	1	230 V 60 Hz	● 2P+T / 16A	Single-phase	3 HP / 2,2 kW	3360	—	—	2400
<b>379ADV 400DE</b>	8024648079985	1	400 V 50 Hz	● 3P+T+N / 16A	Three-phase	3 HP / 2,2 kW	2800	—	—	2000

## CUTTING SPECIFICATIONS AND MACHINE DIMENSIONS/WEIGHT

Model	Disc	Thickness	Depth	Length	Width	Table	Motor	Weight	Dimensions	Weight
<b>CM 180 AUTOMATIC</b>	360 mm 14"	120 mm 4 3/4"	65 mm 2 9/16"	180 cm 70 7/8"	100 cm 39 3/8"	125x125 cm 49 1/4"x49 1/4"	280x200xh150 cm 110"x78 3/4"xh 59"	450 Kg 992 lbs	300x130xh 177 cm 118"x51"xh 69 3/4"	542 Kg 1194 lbs

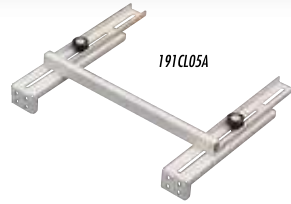




374RUSD40CM180



379AKITRUOTE



191CL05A



192SQ21A



411SE A6



278CP05D1



379AKITDM1

379AKITMT



379BLOADVN



179SET300B  
179SET300BS



179CC250B



179SCAN4D300

MACHINES FOR SPECIAL JOBS

ACCESSORIES FOR CM 180 AUTOMATIC

Part No.	Barcode	Box	Description	Box	Weight	Weight
<b>374RUSD40CM180</b>	8024648095473	1	Self-standing 5 rollers side extension bench for CM180 Auto (l: 705 mm; w: 506 mm)	80x60xh 20 cm	31 1/2" x 23 5/8" x h 7 7/8"	21,9 Kg 48.3 lbs
<b>191CL05A</b>	8024648058003	1	Extension side square for rolling side tables	68x66xh 10 cm	27"x26"xh 4"	4,5 Kg 9.9 lbs
<b>192SQ21A</b>	8024648011893	1	Sliding V square for diagonal cut for extension bench	20x22xh 4 cm	7 7/8" x 8 5/8" x h 1 1/2"	900 gr 31.8 oz
<b>379BLOADVN</b>	8024648082374	1	Tile holding device "ADV" for CM 180 Automatic	220x55xh 20 cm	86"x21"xh 8"	21 Kg 46 lbs
<b>379AKITDM1</b>	8024648072542	1	Disc-cover-kit for multi-blades cut	49x40xh 34 cm	19"x15 3/4"xh 13 1/2"	6,6 Kg 14.6 lbs
<b>379AKITMT</b>	8024648073112	1	Universal flanges-kit for multi-blades cut	40x40xh 15 cm	15 3/4"x15 3/4"xh 6"	3 Kg 6.6 lbs
<b>379AKIT2T</b>	8024648073143	1	Multi-blades flanges-kit for cut & bevel (max 2 discs)	-	-	-
<b>379AKITSCAN</b>	8024648073129	1	Multi-blades flanges-kit multi-blades for grooves	-	-	-
<b>411SE A6</b>	8024648070951	1	Laser with stirrup for CM 180 Automatic	-	-	-
<b>278CP05D1</b>	8024648079060	1	Flanges (pair) Ø 20 mm (8") for CM180 Automatic	-	-	-
<b>379AKITRUOTE</b>	8024648090270	1	Kit of 4 supports with 4 wheels each for CM180	135x42x28h cm	53"x16 1/2"xh 11"	28,6 Kg 63.5 lbs

SEGMENTED DIAMOND BLADES FOR PORCELAIN AND CERAMIC TILES

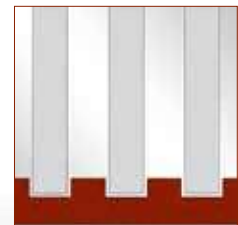
Part No.	Barcode	Box	Diagram	Diagram	Rim height	Weight	Weight		
<b>179SET300B</b>	8024648004154	1	300 mm	12"	30 / 25,4 mm	1 3/16" / 1"	10 mm 13/32"	1 Kg 2.2 lbs	1,2 Kg 2.6 lbs
<b>179SET300BS</b>	8024648076076	1	300 mm	12"	30 / 25,4 mm	1 3/16" / 1"	10 mm 13/32"	1 Kg 2.2 lbs	1,2 Kg 2.6 lbs
<b>179SET350B</b>	8024648011022	1	350 mm	14"	30 / 25,4 mm	1 1/16" / 1"	10 mm 13/32"	1,2 Kg 2.65 lbs	1,4 Kg 3 lbs

CONTINUOUS RIM DIAMOND BLADES 45° PROFILE FOR BEVEL

Part No.	Barcode	Box	Profile	Diagram	Diagram	Rim height	Weight	Weight	
<b>179CC250B</b>	8024648004161	1	45°	250 mm	10"	30 mm 1 3/16"	10 mm 13/32"	600 gr 21.2 oz	650 gr 23 oz

DIAMOND BLADES FOR CHANNEL CUT / ANTI-SLIP GROOVE

Part No.	Barcode	Box	Profile	Disc thickness	Diagram	Diagram	Rim height	Weight	Weight
<b>179SCAN4D300</b>	8024648071415	1	Channel	4 mm 5/32"	300 mm	12"	30 mm 1 3/16"	1 Kg 2.2 lbs	1,2 Kg 2,6 lbs





431EP01A  
(accessory)

**AVAILABLE BLADES**



CONTINUAL CROWN DISC



TURBO DISC



SPECIAL DISC FOR PORCELAIN

**ACCESSORIES**



WORKTOP EXTENSION

**TECHNICAL CHARACTERISTICS**



Ø 200mm



Ø 25,4mm



TELESCOPIC LEGS



PUMP COOLING



DIRECT DRIVE



MICROMETRIC LIFT

**PACKAGE**



CARTON BOX ON PALLET

- Compact machine to perform 46° bevels cut ("jolly") on tiles up to 120 cm (47 1/4") length.
- Maximum recommended tile width:  
80 cm (31 1/2") when equipped with table side extension (accessory part no. 431EP01A);  
35 cm (14") in standard configuration (without side extension).
- Formidable ally for obtaining high quality finishing directly on the job-site.
- Maximum tile thickness: 20 mm (3/4").
- Superior blade water-cooling (double-jets) with pump.
- Dismountable lateral table extensions and telescopic legs for easy transport.
- Motor has micrometric height and depth adjustment for fine adjustment of the 46° bevel ("jolly").
- Supplied with continuous rim diamond disc Ø 200 mm (8"), key kit, sharpening stone, use and maintenance manual.

**MODEL SPECIFICATIONS**

Part No.	Barcode	Box	Lightning Bolt	M	Motor	Motor	Blade	Blade	Blade
<b>431J2015EU</b>	8024648091086	1	230V 50Hz	Single-phase	1,5 HP / 1,1 kW	2800	200 mm	8"	2800
<b>431J2015BR</b>	8024648094865	1	230V 60Hz	Single-phase	1,5 HP / 1,1 kW	3360	200 mm	8"	3360
<b>431J2015US</b>	8024648094889	1	110V 60Hz	Single-phase	1,5 HP / 1,1 kW	3360	200 mm	8"	3360
<b>431J2015GB</b>	8024648094872	1	110V 50Hz	Single-phase	1,5 HP / 1,1 kW	2800	200 mm	8"	2800

**CUTTING SPECIFICATIONS AND MACHINE DIMENSIONS/WEIGHT**

Model	Blade	Table	Table	Table	Table	Machine	Weight	Table	Weight			
<b>JOLLYNA</b>	200 mm 8"	-	-	20 mm 13/16"	120 cm 47 1/4"	80 cm 31 1/2"	90x72x h 90 cm	35 1/2"x28 1/8"x h 35 1/2"	59 Kg 130 lbs	90x72x h 90 cm	35 1/2"x28 3/8"x h 35 1/2" 74,5 Kg	164.2 lbs

**ACCESSORIES JOLLYNA**

Part No.	Barcode	Box	Description	Table	Weight
<b>431EP01A</b>	8024648092878	1	Side extension for tiles up to 80 cm - 31 1/2" in length (accessory)	100x Ø17 cm	39 3/8" x Ø7" 10 Kg 22 lbs





LEM 105  
426 105

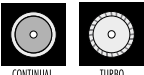


LEM 150  
426 150



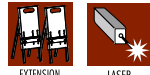
MACHINES FOR SPECIAL JOBS

AVAILABLE BLADES



CONTINUAL CROWN DISC TURBO DISC

ACCESSORIES



EXTENSION SIDE SUPPORTS LASER

TECHNICAL CHARACTERISTICS



Ø 200mm Ø 25,4mm EXTERNAL TANK FOLDING MOTOR GROUP DIRECT DRIVE 45°/90° SQUARE ADJUSTABLE SQUARE PUMP COOLING VERTICAL CUT

PACKAGE



WOODEN CASE OVERLAPPING PALLETS

- For cutting large tiles. Cuts natural stones (marble, granite, etc.), porcelain, single and double fired. Suitable also for cutting low thickness porcelain tiles (3 - 5 mm; 1/8" - 3/16").
- Maximum length of cut LEM 150: 150 cm (59"); LEM 105: 105 cm (41 3/8").
- Maximum depth of cut 40 mm (1 3/16").
- Minimum depth of cut 3 mm (1/8").
- Diamond blade diameter: Ø 200 mm (8").
- Automatic gravity feed (adjustable speed).
- Lock motor assembly at any height according to tile dimension.
- Tilting motor assembly for bevel cuts from 0° to 45°.
- Tile lock devices provided with magnetic attachments can be positioned at will for out-of-plumb cuts.
- Re-adjustable square for long lasting precision.
- Heavy duty water pump.
- External polypropylene tank (capacity 56 lt / 14 Gal) for easy cleaning.
- Rust proof: galvanized and coated steel.
- LEM 105: very small dimensions when in transport position.
- Supplied with: diamond blade for porcelain Ø 200 mm (8"), two tile lock devices, key kit, dressing stone, user and maintenance manual.

MODEL SPECIFICATIONS LEM 150 AND LEM 105

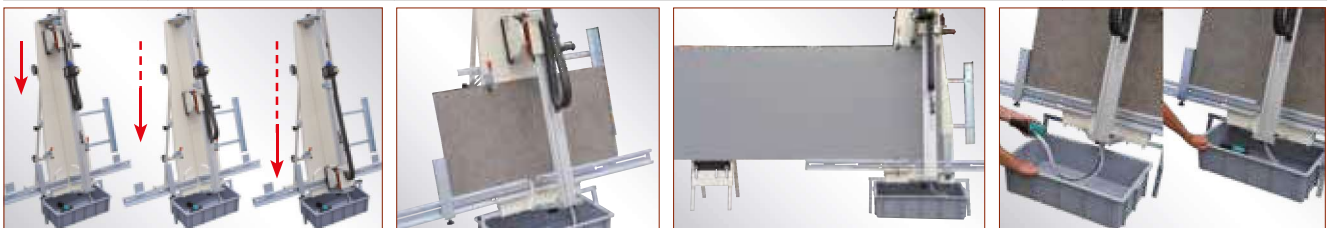
Part No.	Barcode	Box	Lightning Bolt	M	Motor	Motor	Blade	Blade	
426 150	8024648069580	1	230 V 50 Hz	Single-phase	1,2 HP / 0,9 kW	2800	200 mm	8"	2800
426 150 US	8024648079664	1	110 V 60 Hz	Single-phase	1,2 HP / 0,9 kW	3360	200 mm	8"	3360
426 105	8024648080424	1	230 V 50 Hz	Single-phase	1,2 HP / 0,9 kW	2800	200 mm	8"	2800
426 105 US	8024648081254	1	110 V 60 Hz	Single-phase	1,2 HP / 0,9 kW	3360	200 mm	8"	3360

CUTTING SPECIFICATIONS AND MACHINE DIMENSIONS/WEIGHT

Model	Blade	Depth	Length	Width	Height	Weight	Dimensions	Weight		
LEM 150	200 mm 8"	40 mm 1 9/16"	30 mm 1 3/16"	150 cm 59"	∞	105x105 cm 41 3/8"x41 3/8"	240 x 65 x h65 cm 94 1/2" x 25 1/2" x 25 1/2"	86 Kg 190 lbs	250x90x h85 cm 98 7/16"x41 3/8"x43 3/8"	131 Kg 289 lbs
LEM 105	200 mm 8"	40 mm 1 9/16"	30 mm 1 3/16"	105 cm 41 3/8"	∞	75x75 cm 29 1/2" x 29 1/2"	170x84xh 55 cm 67"x33"xh 21 1/2"	67 Kg 148 lbs	176x79xh 71 cm 69"x31"xh 28"	92 Kg 203 lbs

ACCESSORIES LEM 150 AND LEM 105

Part No.	Barcode	Box	Description	Dimensions	Weight
426EP01A	8024648066749	1	Extension side support	100x50xh 12 cm	3,4 Kg
411SE A5	8024648070944	1	Laser with stirrup	27x15xh 10 cm	0,6 lbs



# BI-BULLDOG ADVANCED AUTOMATIC

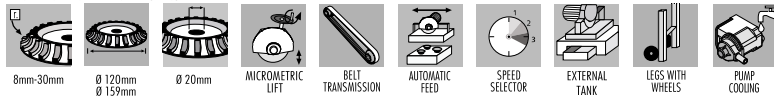


MACHINES FOR SPECIAL JOBS

## AVAILABLE BLADES



## TECHNICAL CHARACTERISTICS



## PACKAGE



- For bullnosing and beveling. Create 1/2 Bullnose, full bullnose, 45° bevel (Jolly) on: marble, granite, porcelain, single and double fired.
- Double motor assembly for operating with two diamond wheels of different type simultaneously and cut times.
- Provided with Automatic Feed.
- Maximum length of shaping: 120 cm (47 1/4").
- Minimum tile width: 4 cm (1 1/2"). Maximum tile width: 60 cm (23 5/8").
- Maximum depth of shaping/radius half bullnose: 30 mm (1 3/16").
- Maximum depth of shaping full bullnose: 22 mm (7/8"); wheel radius: 11mm (7/16").
- Three levels of finishing: rough, finished, polished.
- Gear ratio of motor to wheel 1 ÷ 1.6. Drive belt type poly V.
- Heavy duty water pumps provides superior wheel cooling.
- External polypropylene tank (capacity 80 lt / 21 Gal) for easy cleaning.
- Supplied with: universal table, key kit with wrench, dressing stone, user and maintenance manual.

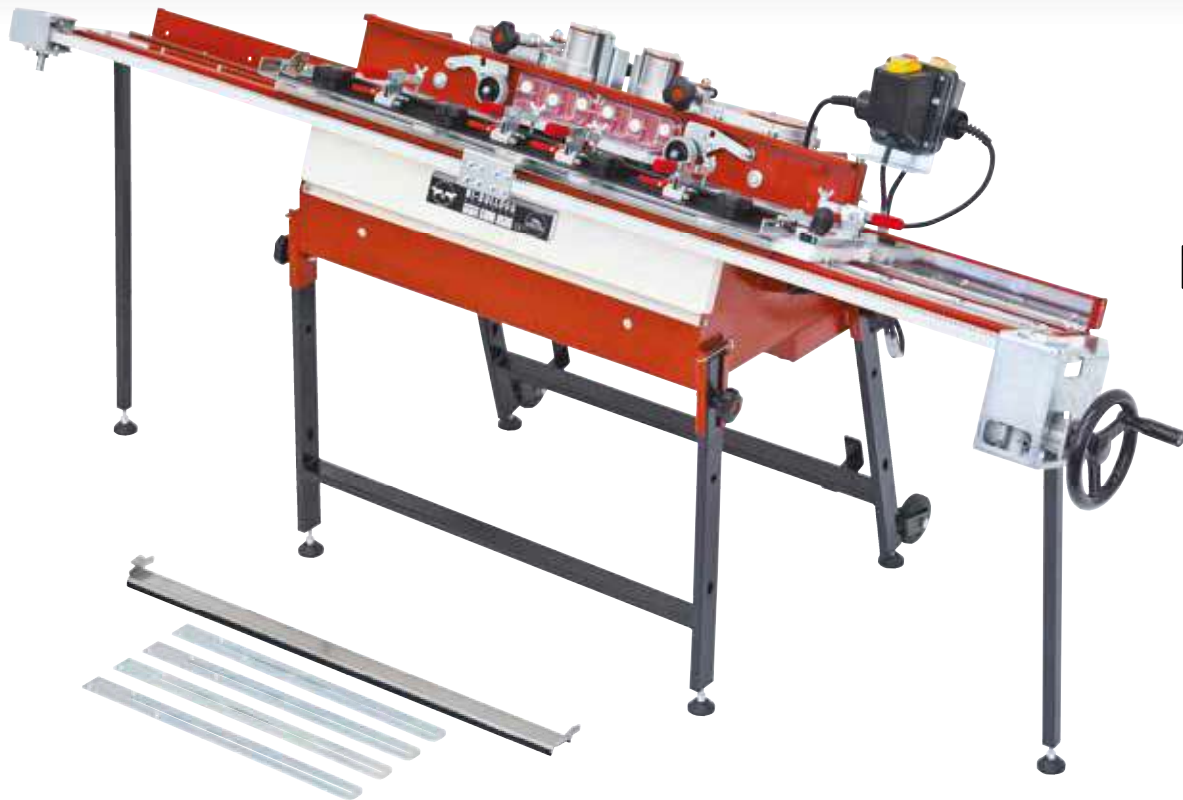
## MODEL SPECIFICATIONS

Part No.	Barcode	Box	Lightning Bolt	Motor	M	Motor	Motor	Wheel	Wheel	Wheel
<b>428AUT 230</b>	8024648071767	1	230 V 50 Hz	● 2P+T / 16A	Single-phase	1,5 HP / 1,1 kW	2800	—	—	4480
<b>428AUT 400</b>	8024648087676	1	400 V 50 Hz	● 3P+T+N / 16A	Three-phase	2 HP / 1,5 kW	2800	—	—	4480
<b>428AUT 60</b>	8024648071774	1	230 V 60 Hz	● 2P+T / 16A	Single-phase	1,5 HP / 1,1 kW	3360	—	—	5370
<b>428AUT USA</b>	8024648071750	1	110 V 60 Hz	● 2P+T / 16A	Single-phase	1,5 HP / 1,1 kW	3360	—	—	5370
<b>428AUT GB</b>	8024648071729	1	110 V 50 Hz	● 2P+T / 16A	Single-phase	1,5 HP / 1,1 kW	2800	—	—	4480

## CUTTING SPECIFICATIONS AND MACHINE DIMENSIONS/WEIGHT

Model	Profile	Wheel	Depth	Radius	Width	Height	Length	Weight	Dimensions	Weight			
<b>BI-BULLDOG ADV AUTOMATIC</b>		30 mm	1 3/16"	30 mm	1 3/16"	—	—	120 cm 47 1/4"	222x85xh 105 cm 87"x33"xh 41"	185 Kg 407.9 lbs	250x105x h 110 cm 98"x41"x h 43"	230 Kg 507.1 lbs	
		20 mm	3/4"	20 mm	3/4"	—	—						
		15 mm	5/8"	15 mm	5/8"	—	—						
		12 mm	15/32"	12 mm	15/32"	—	—						
		10 mm	3/8"	10 mm	3/8"	—	—						
		8 mm	5/16"	8 mm	5/16"	—	—						
		V45°	—	—	15 mm	5/8"	—						—
		90°	30 mm	1 3/16"	—	—	—						—
	11 mm	7/16"	22 mm	7/8"	—	—	—	—	—	—			





MACHINES FOR SPECIAL JOBS

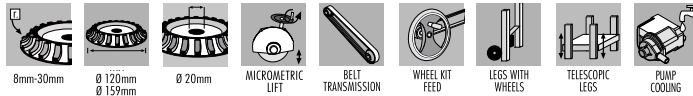
### AVAILABLE BLADES



### ACCESSORIES



### TECHNICAL CHARACTERISTICS



### PACKAGE



- For bullnosing and bevelling. Create 1/2 Bullnose, full bullnose, 45° bevel (Jolly) on: marble, granite, porcelain, single and double fired.
- Double motor assembly for operating with two diamond wheels of different type simultaneously and cut times.
- Provided with wheel feed kit.
- Maximum length of shaping: 120 cm (47 1/4").
- Minimum tile width: 4 cm (1 1/2"). Maximum tile width: 60 cm (23 5/8").

- Maximum depth of shaping/radius half bullnose: 30 mm (1 3/16").
- Maximum depth of shaping full bullnose: 22 mm (7/8"); wheel radius: 11 mm (7/16").
- Optional: external tank + pump kit.
- Three levels of finishing: rough, finished, polished.
- Gear ratio of motor to wheel 1 ÷ 1.6. Drive belt type poly V.
- Heavy duty water pumps provides superior wheel cooling.
- Supplied with: universal table, key kit with wrench, dressing stone, user and maintenance manual.

### MODEL SPECIFICATIONS

Part No.	Barcode	Box	Lightning Bolt	Motor	Phase	Power	Speed	Wheel	Radius	Weight
428AVOL 230	8024648079350	1	230 V 50 Hz	2P+T / 16A	Single-phase	1,5 HP / 1,1 kW	2800	—	—	4480
428AVOL 400	8024648096593	1	400 V 50 Hz	3P+T+N / 16A	Three-phase	2 HP / 1,5 kW	2800	—	—	4480
428AVOL 60	8024648079367	1	230 V 60 Hz	2P+T / 16A	Single-phase	1,5 HP / 1,1 kW	3660	—	—	5370
428AVOL USA	8024648079343	1	110 V 60 Hz	2P+T / 16A	Single-phase	1,5 HP / 1,1 kW	3660	—	—	5370
428AVOL GB	8024648079329	1	110 V 50 Hz	2P+T / 16A	Single-phase	1,5 HP / 1,1 kW	2800	—	—	4480

### CUTTING SPECIFICATIONS AND MACHINE DIMENSIONS/WEIGHT

Model	Profile	Depth	Radius	Width	Height	Length	Table	Motor	Weight	Dimensions	Weight	
BI-BULLDOG ADV WITH WHEEL KIT FEED		30 mm	1 3/16"	30 mm	1 3/16"	—	120 cm 47 1/4"	60 cm 23 5/8"	222x85xh 105 cm 87"x33"xh 41"	152 Kg 335.1 lbs	250x100xh 135 cm 98"x40"xh 53"	197 Kg 434.3 lbs
		20 mm	3/4"	20 mm	3/4"	—						
		15 mm	5/8"	15 mm	5/8"	—						
		12 mm	15/32"	12 mm	15/32"	—						
		10 mm	3/8"	10 mm	3/8"	—						
		8 mm	5/16"	8 mm	5/16"	—						
		V45°	—	—	15 mm	5/8"						
		90°	30 mm	1 3/16"	—	—						
		11 mm	7/16"	22 mm	7/8"	—						



# BI-BULLDOG ADVANCED

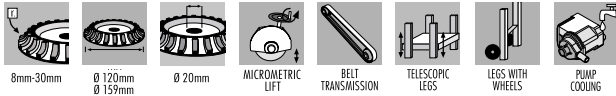


MACHINES FOR SPECIAL JOBS

## AVAILABLE BLADES



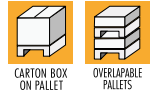
## TECHNICAL CHARACTERISTICS



## ACCESSORIES



## PACKAGE



- For bullnosing and beveling. Create 1/2 Bullnose, full bullnose, 45° bevel (Jolly) on: marble, granite, porcelain, single and double fired.
- Double motor assembly for operating with two diamond wheels of different type simultaneously and cut times.
- Maximum length of shaping: 120 cm (47 1/4").
- Minimum tile width: 4 cm (1 1/2"). Maximum tile width: 60 cm (23 5/8").
- Maximum depth of shaping/radius half bullnose: 30 mm (1 3/16").
- Maximum depth of shaping full bullnose: 22 mm (7/8"); wheel radius: 11 mm (7/16").

- Optional: external tank + pump kit.
- Optional: device for automatic feed.
- Optional: wheel kit feed.
- Three levels of finishing: rough, finished, polished.
- Gear ratio of motor to wheel 1 ÷ 1.6. Drive belt type poly V.
- Heavy duty water pumps provides superior wheel cooling.
- Supplied with: universal table, key kit with wrench, dressing stone, user and maintenance manual.

## MODEL SPECIFICATIONS

Part No.	Barcode	Box	Lightning Bolt	Motor	M	Motor	Motor	Wheel	Wheel	
<b>428</b>	8024648005878	1	230 V 50 Hz	● 2P+T / 16A	Single-phase	1,5 HP / 1,1 kW	2800	—	—	4480
<b>428 400V</b>	8024648006783	1	400 V 50 Hz	● 3P+T+N / 16A	Three-phase	2 HP / 1,5 kW	2800	—	—	4480
<b>428 60</b>	8024648062093	1	230 V 60 Hz	● 2P+T / 16A	Single-phase	1,5 HP / 1,1 kW	3360	—	—	5370
<b>428 USA</b>	8024648062086	1	110 V 60 Hz	● 2P+T / 16A	Single-phase	1,5 HP / 1,1 kW	3360	—	—	5370
<b>428 GB</b>	8024648062079	1	110 V 50 Hz	● 2P+T / 16A	Single-phase	1,5 HP / 1,1 kW	2800	—	—	4480

Model	Profile	Wheel	Table	Table	Table	Table	Table	Table	Table	Table	
<b>BI-BULLDOG ADV</b>		30 mm 1 3/16"	30 mm 1 3/16"	—	—	120 cm 47 1/4"	60 cm 23 5/8"	113x80xh 70 cm 44 1/2"x31 1/2"xh 27 1/2"	136 Kg 299.8 lbs	120x80xh 100 cm 47 1/4"x31 1/2"xh 40"	155 Kg 341.7 lbs
		20 mm 3/4"	20 mm 3/4"	—	—						
		15 mm 5/8"	15 mm 5/8"	—	—						
		12 mm 15/32"	12 mm 15/32"	—	—						
		10 mm 3/8"	10 mm 3/8"	—	—						
		8 mm 5/16"	8 mm 5/16"	—	—						
		V45°	—	—	15 mm 5/8"						
	90°	30 mm 1 3/16"	—	—							
	11 mm 7/16"	22 mm 7/8"	—	—							





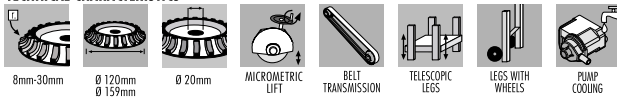


MACHINES FOR SPECIAL JOBS

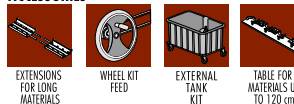
**AVAILABLE BLADES**



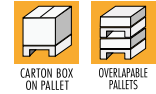
**TECHNICAL CHARACTERISTICS**



**ACCESSORIES**



**PACKAGE**



- For bullnosing and bevelling. Create 1/2 Bullnose, full bullnose, 45° bevel (Jolly) on: marble, granite, porcelain, single and double fired.
- Maximum length of shaping: 80 cm (31 1/2"). Extend length of shaping up to 120 cm (47 1/4") thanks to the side extensions and table for large materials (accessories).
- Minimum tile width: 4 cm (1 1/2"). Maximum tile width: 60 cm (23 5/8").
- Maximum depth of shaping/radius half bullnose: 30 mm (1 3/16").
- Maximum depth of shaping full bullnose: 22 mm (7/8"); wheel radius: 11 mm (7/16").

- Optional: external tank + pump kit.
- Optional: wheel kit feed.
- Three levels of finishing: rough, finished, polished.
- Gear ratio of motor to wheel 1 ÷ 1.6. Drive belt type poly V.
- Heavy duty water pumps provides superior wheel cooling.
- Supplied with: milling bullnose wheel radius 10 mm (3/8"), universal table, key kit with wrench, dressing stone, user and maintenance manual.

**MODEL SPECIFICATIONS**

Part No.									
<b>427ADV</b>	8024648058928	1	230 V 50 Hz	Single-phase	1,5 HP / 1,1 kW	2800	r. 10 mm	r. 3/8"	4480
<b>427ADV USA</b>	8024648060471	1	110 V 60 Hz	Single-phase	1,5 HP / 1,1 kW	3660	r. 10 mm	r. 3/8"	5370
<b>427ADV GB</b>	8024648060464	1	110 V 50 Hz	Single-phase	1,5 HP / 1,1 kW	2800	r. 10 mm	r. 3/8"	4480

**CUTTING SPECIFICATIONS AND MACHINE DIMENSIONS/WEIGHT**

Model	Profile										
<b>BULLDOG ADV</b>		30 mm 1 3/16"	30 mm 1 3/16"	—	—	80 cm 31 1/2"	60 cm 23 5/8"	90x80xh 70 cm 35 1/2"x31 1/2"xh 27 1/2"	75 Kg 165.3 lbs	120x80xh 100 cm 47 1/4"x31 1/2"xh 40"	94 Kg 207.2 lbs
		20 mm 3/4"	20 mm 3/4"	—	—						
		15 mm 5/8"	15 mm 5/8"	—	—						
		12 mm 15/32"	12 mm 15/32"	—	—						
		10 mm 3/8"	10 mm 3/8"	—	—						
		8 mm 5/16"	8 mm 5/16"	—	—						
		V45°	—	—	15 mm 5/8"						
		90°	30 mm 1 3/16"	—	—						
		11 mm 7/16"	22 mm 7/8"	—	—						

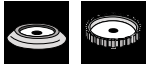


# STAND ALONE BACK-FINISHER



MACHINES FOR SPECIAL JOBS

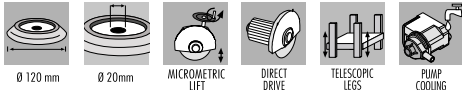
### AVAILABLE BLADES



45° FINISHING MILL

90° EDGE FINISHING WHEEL

### TECHNICAL CHARACTERISTICS



### PACKAGE



- Standalone Back-finisher Bulldog; side extensions and trolley are included.
- Most of the porcelain tiles have a textured relief in the back. When there's the need to install a tile with exposed edge (being the edge just straight or half-bullnosed) the texture would remain exposed requiring heavy use of grout to try to hide it. Bull-Back-Finisher solves this problem since it is designed to remove the tile back-texture in the area close to the edge of the tile.
- The removal of the back-texture can be parallel (see image A) or 45° (see image B) according to the diamond wheel in use.
- When working with 45° diamond wheel (see image A) the machine removes a thin layer of

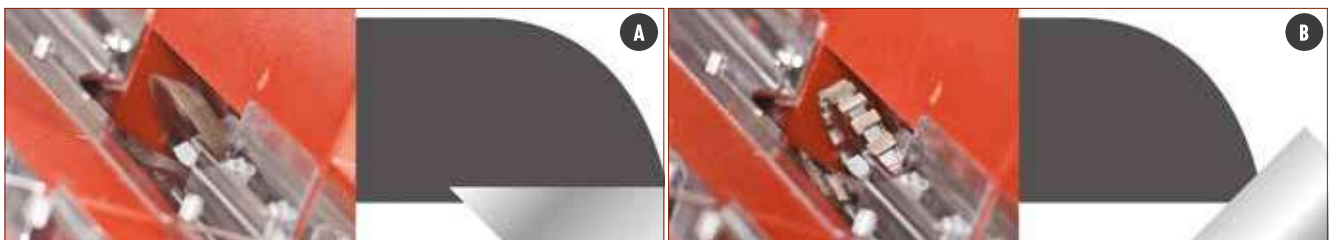
- “back-tile-texture”. The result is a clean area (free from back-texture) close to the edge of the tile. In this way just a layer of material is removed resulting in a very thin joint once the tile is installed.
- When working with 90° diamond wheel (see image B) the machine produces a small 45° bevel on the back of the tile-edge. This allows to remove the tile back-texture creating a joint (bigger or smaller according with the depth of the bevel) once the tile is installed.
- Heavy duty water pumps provides superior wheel cooling.
- Supplied with: side extensions and trolley, user and maintenance manual, keys kit.

### MODEL SPECIFICATIONS

Part No.	Barcode	Box	Lightning Bolt	M	Motor	Motor	Wheel	Wheel
<b>427 BARIRIEU</b>	8024648094407	1	230V 50 Hz	Single-phase	1,5 HP / 1,1 kW	2800	—	2800
<b>427 BARIRIBR</b>	8024648094636	1	230V 60 Hz	Single-phase	1,5 HP / 1,1 kW	3360	—	3360
<b>427 BARIRIUS</b>	8024648094421	1	110V 60 Hz	Single-phase	1,5 HP / 1,1 kW	3360	—	3360
<b>427 BARIRIGB</b>	8024648094414	1	110V 50 Hz	Single-phase	1,5 HP / 1,1 kW	2800	—	2800

### CUTTING SPECIFICATIONS AND MACHINE DIMENSIONS/WEIGHT

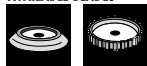
Model	Profile	Max length of cut	Max tile width	Machine Dimensions	Weight	Case Dimensions	Case Weight
<b>STAND ALONE BACK-FINISHER</b>		120 cm	60 cm	165x75x h 100 cm	73 Kg	90x72x h 90 cm	88,5 Kg
		47 1/4"	23 5/8"	65"x29 1/2"x h 39 3/8"	160.9 lbs	35 1/2"x28 1/8"x h 35 1/2"	195.1 lbs



# BACK-FINISHER BULLDOG FOR CONNECTION IN LINE WITH BI-BULLDOG ADV OR BULLDOG ADV



## AVAILABLE BLADES



45° FINISHING MILL



90° EDGE FINISHING WHEEL

## TECHNICAL CHARACTERISTICS



Ø 120mm



Ø 20mm



MICROMETRIC LIFT



DIRECT DRIVE



TELESCOPIC LEGS



PUMP COOLING

## PACKAGE



WOODEN CASE



OVERLAPPING PALLET

- Back-finisher Bulldog for connection in line with a Bi-Bulldog or a Bulldog machine.
- Extensions and trolley are not included.
- Most of the porcelain tiles have a textured relief in the back. When there's the need to install a tile with exposed edge (being the edge just straight or half-bullnosed) the texture would remain exposed requiring heavy use of grout to try to hide it. Bull-Back-Finisher solves this problem since it is designed to remove the tile back-texture in the area close to the edge of the tile.
- The removal of the back-texture can be parallel (see image A) or 45° (see image B) according to the diamond wheel in use.
- When working with 45° diamond wheel (see image A) the machine removes a thin layer of "back-tile-texture". The result is a clean area (free from back-texture) close to the edge of the tile. In this way just a layer of material is removed resulting in a very thin joint once the tile is installed.
- When working with 90° diamond wheel (see image B) the machine produces a small 45° bevel on the back of the tile-edge. This allows to remove the tile back-texture creating a joint (bigger or smaller according with the depth of the bevel) once the tile is installed.
- Heavy duty water pumps provides superior wheel cooling.
- Supplied with: user and maintenance manual, keys kit.

## MODEL SPECIFICATIONS

Part No.	Barcode	Box	Lightning Bolt	M	Motor	Motor	Wheel	Wheel
<b>427 BARIOHEU</b>	8024648094179	1	230V 50 Hz	Single-phase	1,5 HP / 1,1 kW	2800	-	2800
<b>427 BARIOHBR</b>	8024648094629	1	230V 60 Hz	Single-phase	1,5 HP / 1,1 kW	3360	-	3360
<b>427 BARIOHUS</b>	8024648094391	1	110V 60 Hz	Single-phase	1,5 HP / 1,1 kW	3360	-	3360
<b>427 BARIOHGB</b>	8024648094186	1	110V 50 Hz	Single-phase	1,5 HP / 1,1 kW	2800	-	2800

## CUTTING SPECIFICATIONS AND MACHINE DIMENSIONS / WEIGHT

Model	Profile	Max lenght of cut	Max tile width	Machine Dimensions	Weight	Case Dimensions	Weight
<b>BACK-FINISHER BULL-DOG FOR CONNECTION IN LINE</b>		120 cm 47 1/4"	60 cm 23 5/8"	63x75x h 90 cm 25"x29 1/2"x h 35 1/2"	41 Kg 90 lbs	90x72x h 90 cm 35 1/2"x28 1/8"x h 35 1/2"	56,5 Kg 124.6 lbs

## CONNECTION SCHEME ACCORDING TO THE BULLDOG/BI-BULLDOG VERSION AND THE RESULT YOU WANT TO ACHIEVE \*

- Back-Finisher-Bulldog for connection in line needs to be used necessarily connected with Bulldog or BiBulldog.
- Back-Finisher Bulldog cannot be connected to automatic versions of the Bulldog and Bi-Bulldog.
- On the contrary it fits both manual and wheel-feed-kit versions.
- Since once connected with a Bi-Bulldog the machines combo is quite long, it is strongly recommended to equip the system with the wheel-feed-kit. Please be sure to have the machine equipped with "120 cm universal table" (part no. 039CA00ABB) otherwise the wheel-feed-kit does not work. If not equipped with the "universal table", this can be add as accessory.
- When connecting to a single head manual Bulldog and want the wheel-feed-kit system it is necessary to equip the machines with the "universal table" and the side extensions (unless those parts have been already bought in the past as accessories). Otherwise the wheel-feed-kit does not work.
- When connected to a wheel-feed-kit machines (being it single or double head), it is not necessary to buy a new wheel feed-kit but it is enough to replace the belt with a longer one (art. 286DT14D and 286DT15D).
- Given the huge number of variables involved, you should always consult Raimondi experts to check and choose the proper parts to connect in line your machine with the Back-Finisher-Bulldog.

What machine do I have	What do I add						What do I obtain
	Back-Finisher for connection	Guides	Belts	Wheel-Feed-Kit	Universal Trolley	Side extensions	
Automatic Bi-Bulldog	It is not possible to connect the back-finisher to automatic versions						
Bi-Bulldog wheel-feed-kit	427 BARIOHEU	114TOK05A	286DT14D	standard	standard	standard	Back-Finisher-Bulldog and Bi-Bulldog in line with wheel-feed-kit
Bi-Bulldog manual	427 BARIOHBR 427 BARIOHUS	114TOK05A	-	419AVBU BBRIH	standard	standard	Back-Finisher-Bulldog and Bi-Bulldog in line with wheel-feed-kit
Bi-Bulldog manual	427 BARIOHGB	114TOK05A	-	standard	standard	standard	Back-Finisher-Bulldog and Bi-Bulldog in line with manual feed
Automatic Bulldog	It is not possible to connect the back-finisher to automatic versions						
Bulldog wheel-feed-kit	427 BARIOHEU	114TOK06A	286DT15D	standard	standard	standard	Back-Finisher-Bulldog and Bi-Bulldog in line with wheel-feed-kit
Bulldog manual	427 BARIOHBR 427 BARIOHUS	114TOK06A	-	419AVBU BURIH	039CA00ABB	438PRO3A	Back-Finisher-Bulldog and Bi-Bulldog in line with wheel-feed-kit
Bulldog manual	427 BARIOHGB	114TOK06A	-	standard	standard	standard	Back-Finisher-Bulldog and Bi-Bulldog in line with manual feed

\*Given the huge number of variables involved, you should always consult Raimondi experts to verify the correct configuration.

# ACCESSORIES/SPARE PARTS FOR BULLDOG, BI-BULLDOG AND BACK-FINISHER BULL-DOG

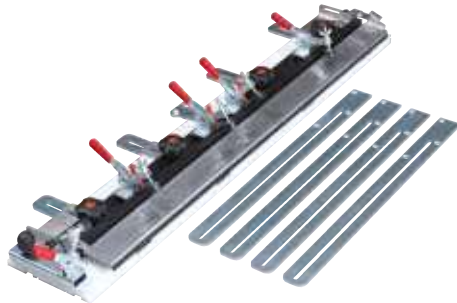
MADE IN ITALY



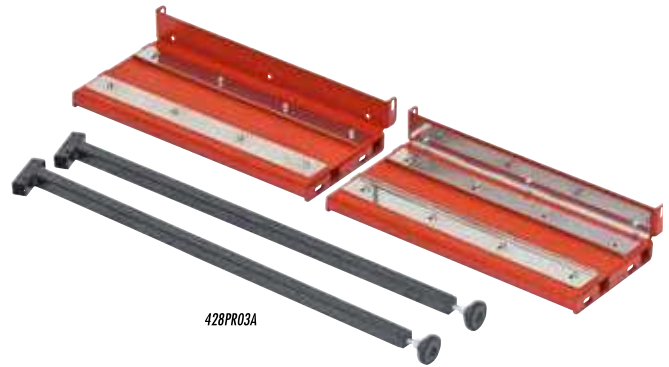
114TOK05A  
114TOK06A



419AVBU



039CA00ABB



428PR03A

MACHINES FOR SPECIAL JOBS

## ACCESSORIES FOR BACK-FINISHER BULLDOG FOR CONNECTION IN LINE

Part No.			Description				
<b>114TOK05A</b>	8024648061577	1	Pair of guides (1.653 mm) to connect back-finisher with Bi-Bulldog	170x10xh 10 cm	67"x4"xh4"	5,8 Kg	12.8 lbs
<b>114TOK06A</b>	8024648093219	1	Pair of guides (1.415 mm) to connect back-finisher with Bulldog			5,2 Kg	11.5 lbs
<b>286DT14D</b>	8024648094551	1	Belt for updating wheel-feed-kit (back-finisher + Bi-Bulldog)	-	-	-	-
<b>286DT15D</b>	8024648094568	1	Belt for updating wheel-feed-kit (back-finisher + Bulldog)	-	-	-	-
<b>419AVBU BBRIH</b>	8024648094452	1	Wheel-feed-kit for Back-finisher + Bi-Bulldog	-	-	-	-
<b>419AVBU BURIH</b>	8024648094476	1	Wheel-feed-kit for Back-finisher + Bulldog	-	-	-	-

## TABLES FOR BULLDOG ADV, BI-BULLDOG ADV AND BACK-FINISHER BULLDOG FOR CONNECTION IN LINE

Part No.			Description				
<b>039CA00AB</b>	8024648082756	1	"Universal table" for tiles max length 80 cm (31 1/2"), width 40/60 cm (15 3/4" - 23 5/8") and height ≥ 4 cm (1 1/2")	90x25xh 9 cm	35 1/2"x9 7/8"xh 3 1/2"	7,5 Kg	16.5 lbs
<b>039CA00ABB</b>	8024648082763	1	"Universal table" for tiles max length 120 cm (47 1/4"), width 40/60 cm (15 3/4" - 23 5/8") and height ≥ 4 cm (1 1/2")	137x25xh 9 cm	54"x9 7/8"xh 3 1/2"	9,5 Kg	21 lbs

## SIDE EXTENSIONS FOR BULLDOG ADV, BI-BULLDOG ADV AND BACK-FINISHER BULLDOG

Part No.			Description				
<b>428PR03A</b>	8024648062161	1	Side extensions (pair) for Bulldog Adv, Bi-Bulldog Adv and Back-finisher Bulldog	80x33xh 21 cm	31 1/2"x13"xh 8 1/4"	13 Kg	28.6 lbs

## ACCESSORIES/MACHINES COMBINATIONS

Part No.	Description	BULLDOG ADV	BI-BULLDOG ADV	BI-BULLDOG ADV W/ WHEEL FEED KIT	BI-BULLDOG ADV AUTO	STAND ALONE BACK-FINISHER	BACK-FINISHER FOR CONNECTION IN LINE
<b>114TOK05A</b>	Pair of guides (1.415 mm) to connect back-finisher with Bulldog	-	•	•	-	-	•
<b>114TOK06A</b>	Pair of guides (1.415 mm) to connect back-finisher with Bulldog	•	-	-	-	-	•
<b>286DT14D</b>	Belt for updating wheel-feed-kit (back-finisher + Bi-Bulldog)	-	-	•	-	-	•
<b>286DT15D</b>	Belt for updating wheel-feed-kit (back-finisher + Bulldog)	-	-	-	-	-	•
<b>419AVBU BBRIH</b>	Wheel-feed-kit for back-finisher + Bi-Bulldog	-	•	-	-	-	•
<b>419AVBU BURIH</b>	Wheel-feed-kit for back-finisher + Bulldog	•	-	-	-	-	•
<b>039CA00AB</b>	"Universal table" for tiles max length 80 cm (31 1/2")	standard	-	-	-	-	•
<b>039CA00ABB</b>	"Universal table" for tiles max length 120 cm (47 1/4")	•*	standard	standard	standard	standard	•
<b>428PR03A</b>	Side extensions (pair) for Bulldog Adv, Bi-Bulldog Adv and Back-finisher Bulldog	•	standard	standard	standard	standard	•

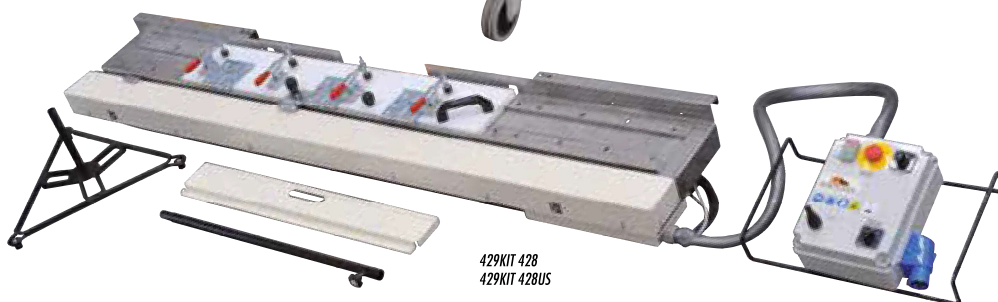
\*The "universal" table length 120 cm can be mounted on Bull-Dog Adv only in combination with the side extensions (cod.428PR03A).



429KITV



429KIT 428  
429KIT 428US



REMOVABLE TANK KIT AND PUMP FOR BULLDOG ADV E BI-BULLDOG ADV

Part No.			Description		
<b>429KITVA230</b>	8024648071835	1	Removable tank kit and pump for Bulldog Adv 230V 50 Hz	-	-
<b>429KITVA220H6</b>	8024648075093	1	Removable tank kit and pump for Bulldog Adv 230V 60 Hz	-	-
<b>429KITVA110</b>	8024648071828	1	Removable tank kit and pump for Bulldog Adv 110V 50 Hz	-	-
<b>429KITVA110/6</b>	8024648081278	1	Removable tank kit and pump for Bulldog Adv 110V 60 Hz	-	-
<b>429KITV 230</b>	8024648072108	1	Removable tank kit and pump for Bi-Bulldog Adv 230V 50 Hz	-	-
<b>429KITV 230BB</b>	8024648071811	1	Removable tank kit and pump for Bi-Bulldog Adv 230V 60 Hz	-	-
<b>429KITV 110BB</b>	8024648071804	1	Removable tank kit and pump for Bi-Bulldog Adv 110V 50 Hz	-	-
<b>429KITV 110B6</b>	8024648081261	1	Removable tank kit and pump for Bi-Bulldog Adv 110V 60 Hz	-	-

AUTOMATION KIT FOR BULLDOG ADV AND BI-BULLDOG ADV

Part No.			Description			
<b>429KIT 428</b>	8024648071200	1	Automation kit for Bi-Bulldog ADV 230V 50/60 Hz	240x65xh 70 cm 94"x25"xh 27"	86 Kg	190 lbs
<b>429KIT 428US</b>	8024648071798	1	Automation kit for Bi-Bulldog ADV 110V 50/60 Hz		90 Kg	198 lbs

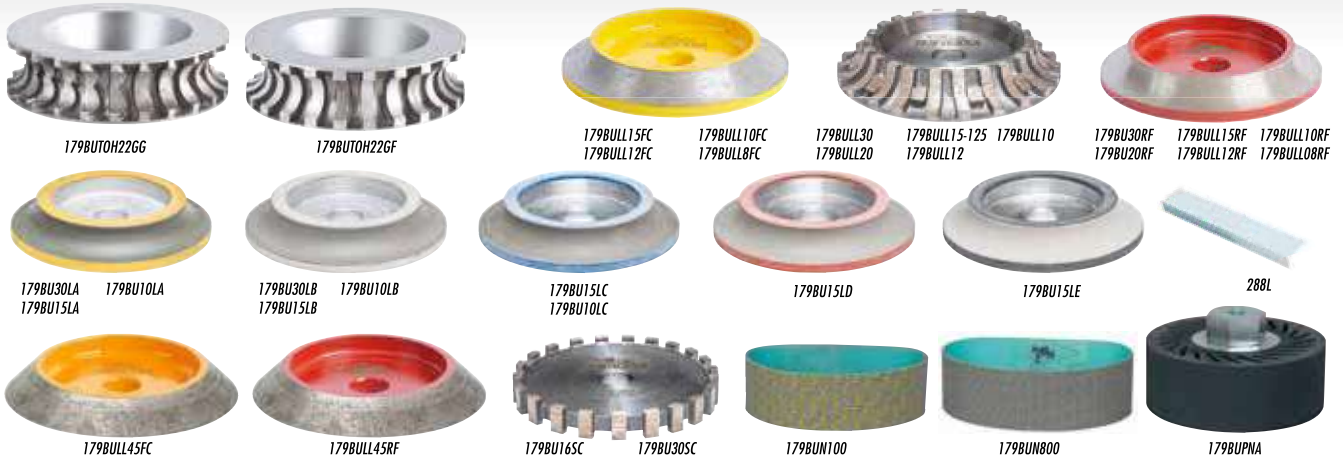
MANUAL FEED KIT WITH WHEEL FOR BULLDOG ADV AND BI-BULLDOG ADV

Part No.			Description		
<b>419AVBU BULL</b>	8024648073785	1	Manual feed kit with wheel for Bulldog Adv	-	-
<b>419AVBU BIBU</b>	8024648073778	1	Manual feed kit with wheel for Bi-Bulldog Adv	-	-

ACCESSORIES/MACHINES COMBINATIONS

Part No.	Description	BULLDOG ADV	BI-BULLDOG ADV	BI-BULLDOG ADV W/ WHEEL FEED KIT	BI-BULLDOG ADV AUTO
<b>429KITVA230</b>	Removable tank kit and pump for Bulldog Adv 230V 50 Hz	•	-	-	-
<b>429KITVA220H6</b>	Removable tank kit and pump for Bulldog Adv 230V 60 Hz	•	-	-	-
<b>429KITVA110</b>	Removable tank kit and pump for Bulldog Adv 110V 50 Hz	•	-	-	-
<b>429KITVA110/6</b>	Removable tank kit and pump for Bulldog Adv 110V 60 Hz	•	-	-	-
<b>429KITV 230</b>	Removable tank kit and pump for Bulldog Adv 110V 50 Hz	-	•	•	standard
<b>429KITV 230BB</b>	Removable tank kit and pump for Bi-Bulldog Adv 230V 60 Hz	-	•	•	standard
<b>429KITV 110BB</b>	Removable tank kit and pump for Bi-Bulldog Adv 110V 50 Hz	-	•	•	standard
<b>429KITV 110B6</b>	Removable tank kit and pump for Bi-Bulldog Adv 110V 60 Hz	-	•	•	standard
<b>429KIT 428</b>	Automation kit for Bi-Bulldog ADV 230V 50/60 Hz	-	•	•	standard
<b>429KIT 428US</b>	Automation kit for Bi-Bulldog ADV 110V 50/60 Hz	-	•	•	standard
<b>419AVBU BULL</b>	Manual feed kit with wheel for Bulldog Adv	•	-	-	-
<b>419AVBU BIBU</b>	Manual feed kit with wheel for Bi-Bulldog Adv	-	•	standard	-

# DIAMOND WHEELS AND DIAMOND BELTS



Part No.	Barcode	Box	Profile	BULLDOG	BI-BULLDOG	BULL FINISHING	Grain	Grain	Grain	Grain	Grain	Grain	Grain	Grain	Grain	Grain	Grain	Grain
<b>FULL BULLNOSE SEGMENTED DIAMOND WHEEL FOR SHAPING FOR BULLDOG AND BI-BULLDOG</b>																		
179BUTOH22GG	8024648093974	1		11 mm	7/16"	•	–	125 mm	5"	CG*	13x13xh 4 cm	5 3/8"x5 3/8" xh 1 5/8"	2 Kg	4.4 lbs				
<b>FULL BULLNOSE SEGMENTED DIAMOND WHEEL FOR FINISHING FOR BULLDOG AND BI-BULLDOG</b>																		
179BUTOH22GF	8024648093967	1		11 mm	7/16"	•	–	125 mm	5"	FG*	13x13xh 4 cm	5 3/8"x5 3/8" xh 1 5/8"	2 Kg	4.4 lbs				
<b>1/2 BULLNOSE MILLING DIAMOND WHEELS CONTINUOUS RIM FOR BULLDOG AND BI-BULLDOG</b>																		
179BULL15FC	8050532011618	1		15 mm	5/8"	•	–	125 mm	5"	VCG*	13x13xh 4 cm	5 3/8"x5 3/8" xh 1 5/8"	2 Kg	4.4 lbs				
179BULL12FC	8050532011595	1		12 mm	15/32"	•	–	125 mm	5"	VCG*								
179BULL10FC	8050532011571	1		10 mm	3/8"	•	–	120 mm	4 3/4"	VCG*								
179BULL08FC	8050532011557	1		8 mm	5/16"	•	–	115 mm	4 1/2"	VCG*								
<b>1/2 BULLNOSE SEGMENTED DIAMOND WHEELS FOR SHAPING FOR BULLDOG AND BI-BULLDOG</b>																		
179BULL30	8024648061690	1		30 mm	1 3/16"	•	–	160 mm	6 1/4"	CG*	17x17xh 5 cm	6 5/8"x6 5/8" xh 2"	2 Kg	4.4 lbs				
179BULL20	8024648060563	1		20 mm	3/4"	•	–	150 mm	5 7/8"	CG*			1,4 Kg	3.1 lbs				
179BULL15-125	8024648067227	1		15 mm	5/8"	•	–	130 mm	5 1/8"	CG*	13x13xh 4 cm	5 3/8"x5 3/8" xh 1 5/8"	900 gr	31.8 oz				
179BULL12	8024648087959	1		12 mm	15/32"	•	–	125 mm	5"	CG*								
179BULL10	8024648011398	1		10 mm	3/8"	•	–	120 mm	4 3/4"	CG*								
<b>1/2 BULLNOSE CONTINUOUS RIM DIAMOND WHEELS FOR FINISHING FOR BULLDOG AND BI-BULLDOG</b>																		
179BU30RF	8024648061874	1		30 mm	1 3/16"	•	–	160 mm	6 1/4"	FG*	17x17xh 5 cm	6 5/8"x6 5/8" xh 2"	2 Kg	4.4 lbs				
179BU20RF	8024648061751	1		20 mm	3/4"	•	–	150 mm	5 7/8"	FG*			1,4 Kg	3.1 lbs				
179BULL15RF	8050532011625	1		15 mm	5/8"	•	–	130 mm	5 1/8"	FG*	13x13xh 4 cm	5 3/8"x5 3/8" xh 1 5/8"	900 gr	31.8 oz				
179BULL12RF	8050532011601	1		12 mm	15/32"	•	–	125 mm	5"	FG*								
179BULL10RF	8050532011588	1		10 mm	3/8"	•	–	120 mm	4 3/4"	FG*								
179BULL08RF	8050532011564	1		8 mm	5/16"	•	–	115 mm	4 1/2"	FG*								
<b>1/2 BULLNOSE CONTINUOUS RIM DIAMOND WHEELS FOR POLISHING FOR BULLDOG AND BI-BULLDOG</b>																		
179BU30LA	8024648061829	1		30 mm	1 3/16"	•	–	160 mm	6 1/4"	400	17x17xh 5 cm	6 5/8"x6 5/8" xh 2"	1,8 Kg	3.9 lbs				
179BU30LB	8024648061836	1		30 mm	1 3/16"	•	–	160 mm	6 1/4"	800	17x17xh 5 cm	6 5/8"x6 5/8" xh 2"	1,8 Kg	3.9 lbs				
179BU15LA	8024648013897	1		15 mm	5/8"	•	–	125 mm	4 7/8"	400	13x13xh 4 cm	5 3/8"x5 3/8" xh 1 5/8"	330 gr	11.6 oz				
179BU15LB	8024648013927	1		15 mm	5/8"	•	–	125 mm	4 7/8"	800	13x13xh 4 cm	5 3/8"x5 3/8" xh 1 5/8"	330 gr	11.6 oz				
179BU15LC	8024648054364	1		15 mm	5/8"	•	–	125 mm	4 7/8"	1500	13x13xh 4 cm	5 3/8"x5 3/8" xh 1 5/8"	330 gr	11.6 oz				
179BU15LD	8024648054371	1		15 mm	5/8"	•	–	125 mm	4 7/8"	1800	13x13xh 4 cm	5 3/8"x5 3/8" xh 1 5/8"	330 gr	11.6 oz				
179BU15LE	8024648054388	1		15 mm	5/8"	•	–	125 mm	4 7/8"	3500	13x13xh 4 cm	5 3/8"x5 3/8" xh 1 5/8"	330 gr	11.6 oz				
179BU10LA	8024648013903	1		10 mm	3/8"	•	–	120 mm	4 3/4"	400	13x13xh 4 cm	5 3/8"x5 3/8" xh 1 5/8"	330 gr	11.6 oz				
179BU10LB	8024648013934	1		10 mm	3/8"	•	–	120 mm	4 3/4"	800	13x13xh 4 cm	5 3/8"x5 3/8" xh 1 5/8"	330 gr	11.6 oz				
<b>SEGMENTED DIAMOND WHEEL 45° PROFILE FOR JOLLY AND BEVEL FOR BULLDOG AND BI-BULLDOG</b>																		
179BULL45FC	8050532011663	1		15 mm	5/8"	•	–	120 mm	4 3/4"	VCG*	13x13xh 4 cm	5 3/8"x5 3/8" xh 1 5/8"	830 gr	29.3 oz				
<b>CONTINUOUS RIM DIAMOND WHEEL 45° PROFILE JOLLY AND BEVEL FOR FINISHING FOR BULLDOG, BI-BULLDOG AND BACK-FINISHER BULLDOG</b>																		
179BULL45RF	8050532012103	1		15 mm	5/8"	•	•	120 mm	4 3/4"	FG*	13x13xh 4 cm	5 3/8"x5 3/8" xh 1 5/8"	1,4 Kg	3.1 lbs				
<b>FLAT (90°EDGE) SEGMENTED DIAMOND WHEEL (SHAPING) FOR BULLDOG, BI-BULLDOG AND BACK-FINISHER BULLDOG</b>																		
179BU16SC	8024648016904	1		16 mm	5/8"	•	•	120 mm	4 3/4"	CG*	13x13xh 4 cm	5 3/8"x5 3/8" xh 1 5/8"	900 gr	31.8 oz				
179BU30SC	8024648061881	1		32 mm	1 1/4"	•	–	120 mm	4 3/4"	CG*	13x13xh 4 cm	5 3/8"x5 3/8" xh 1 5/8"	1,4 Kg	3.1 lbs				
<b>FLAT (90°EDGE) DIAMOND BAND (FINISHING AND POLISHING) FOR BULLDOG AND BI-BULLDOG</b>																		
179BUN100	8024648016775	1		38 mm	1 1/2"					D100	13x13xh 4 cm	5 3/8"x5 3/8" xh 1 5/8"	100 gr	3.4 oz				
179BUN400	8024648016782	1		38 mm	1 1/2"	•	–	100 mm	4"	D400								
179BUN800	8024648016799	1		38 mm	1 1/2"					D800								
<b>RUBBER DRUM HOLDER FOR DIAMOND BAND FOR BULLDOG AND BI-BULLDOG</b>																		
Part No.	Barcode	Box	Description															
179BUPNA	8024648016935	1	Rubber drum holder Ø 100 mm h 38 mm - 1 1/2"								13x13xh 4 cm	5 3/8"x5 3/8" xh 1 5/8"	500 gr	17 oz				
<b>DRESSING/SHARPENING STONES</b>																		
288 L	8024648013965	6	Dressing stone 30x200x10 mm (1 3/16"x7 7/8"x13/32")								10x20xh 2 cm	4"x8"xh 25/32"	450 gr	15.9 oz				

\*VCG=very coarse grit \*CG=course grit \*FG=fine grit

MACHINES FOR SPECIAL JOBS