

2024

# CATALOGUE

**MACHINES AND ACCESSORIES.**

**columbus**

**COMING  
SOON!**

# COMFORT CLASSE.

**COMPACT, POWERFUL, STRAIGHTFORWARD.  
FOR LARGE AREAS.**

**ARA 85|BM 140**



# PRODUCT RANGE

## SCRUBBER DRYERS

10 TO 200 LITER



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## SWEEPERS

47 TO 130 CM



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## SINGLE DISC MACHINES / EXCENTER

140 TO 1600 RPM



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## SPRAY EXTRACTION MACHINES

CARPET CARE STEP BY STEP



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## DRY VACUUM CLEANERS & UPRIGHT VACUUM CLEANERS

CARPET CARE STEP BY STEP



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## WET/DRY VACUUM CLEANERS

30 TO 78 LITER



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## INDUSTRIAL VACUUM CLEANERS

10 TO 100 LITER



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FOR TRAVELATOR AND ESCALATOR



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## PADS, ABRASIVE PAPER & GRINDING MESH

FOR SCRUBBER DRYERS AND SINGLE DISC MACHINES  
ACCESSORIES DETERGENTS



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## DETERGENT & CARE PRODUCTS

FOR SCRUBBER DRYERS, SPRAY EXTRACTION MACHINES  
AND SINGLE DISC MACHINES



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## GENERAL INFORMATION

GENERAL TERMS OF CONDITIONS



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# SCRUBBER DRYERS MAINS OPERATED

RA 35|K 10

RA 43|K 40

RA 55|K 40



shown with optional equipment

TECHNICAL DATA	RA 35 K 10	RA 43 K 40	RA 55 K 40	
Power W	470	1600	1600	
Working width mm	350	430	550	
Suction width mm	420	735	735	
Theoretical coverage m <sup>2</sup> /h	1400	1720	2200	
Solution tank capacity l	10	40	40	
Recovery tank capacity l	11,5	45	45	
Number of brushes	1	1	1	
Rated Voltage V	230	230	230	
Mains cable m	12	25,3	25,3	
Dimensions l x w x h mm	735 x 490 x 650	1090 x 475 x 1055	1130 x 525 x 1055	
Operating weight max. kg	49	105	106	
	<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>	
	11 410 001	14 020 001	14 020 101	
<b>ACCESSORIES</b>	<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>	
Set squeegee blades	21 027 030	20 621 033	20 621 033	
Set squee. blades, oil resist.	21 027 031	21 668 530	21 668 530	
<b>V-ERASER, 85 cm</b>				
Stainless steel disinfectant squeegee-tool with high quality microfiber mop		21 629 730	21 629 730	
Microfiber mop		21 629 800	21 629 800	
Extension cable 12 m red	20 588 830	20 588 830	20 588 830	
Extension cable 25 m grey	20 588 930	20 588 930	20 588 930	
<b>Scrub brushes</b>	ø 350 mm	ø 430 mm	ø 530 mm	
Standard	21 026 603	20 078 331	20 229 138	
Soft	21 026 602	20 078 332	20 229 139	
Extra soft	21 026 601			
Sica 120	21 026 700	20 078 335	20 229 141	
5K		20 078 344	20 229 148	
	ø 350 mm	ø 406 mm	ø 495 mm	
columbus pad holder	21 026 800	20 059 044	20 229 142	
Pad fixing device		20 148 200	20 148 200	
Splash guard		21 042 031	21 042 032	

# SCRUBBER DRYERS

RA 35|B 10

RA 43|B 20

RA 43|B 40

RA 55|B 40



shown with optional equipment

TECHNICAL DATA	RA 35 B 10	RA 43 B 20	RA 43 B 40	RA 55 B 40
Power W	440	950	950	950
Working width mm	350	430	430	550
Suction width mm	420	735	735	850
Theoretical coverage m <sup>2</sup> /h	1400	1720	1720	2200
Solution tank capacity l	10	20	40	40
Recovery tank capacity l	11,5	23	45	45
Brushes	1	1	1	1
Rated Voltage V	12	24	24	24
Dimensions l x w x h mm	735 x 490 x 650	800 x 530 x 790	1190 x 510 x 980	1250 x 570 x 980
Operating weight max. kg	74 (63 Ah 5)	134 (76 Ah 5)	196 (105 Ah 5)	198 (105 Ah 5)
Standard equipment		Quick-Stopp	Quick-Stopp	Quick-Stopp
	<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>
Without charger		12 564 304	10 444 310	10 454 310
With on-board charger	11 400 002	12 514 304	10 445 310	10 455 310
<b>OPTIONALS</b> ex works fitting		<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>
noBAC® version		21 374 031	21 374 035	21 374 035
Noise insulation "silent"		20 543 435		
Chemical dosing system			21 524 230	21 524 230
Electronical water dosage			21 417 531	21 417 531
<b>ACCESSORIES</b>	<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>
Set squeegee blades	21 027 030	20 621 033	20 621 033	20 620 531
Set squee. blades, oil resist.	21 027 031	21 668 530	21 668 530	21 668 330
<b>V-ERASER, 85 cm</b>				
Stainless steel disinfectant squeegee-tool with high quality microfiber mop		21 629 730	21 629 730	21 629 730
Microfiber mop		21 629 800	21 629 800	21 629 800
<b>Scrub brushes</b>	ø 350 mm	ø 430 mm	ø 430 mm	ø 530 mm
Standard	21 026 603	21 260 331	21 260 331	21 518 431
Soft	21 026 602	21 260 332	21 260 332	21 518 432
Extra Soft	21 026 601			
Sica 120	21 026 700	21 260 333	21 260 333	21 518 433
5K		21 260 334	21 260 334	21 518 436
columbus pad holder	ø 350 mm 21 026 800	ø 430 mm 21 260 431	ø 430 mm 21 260 431	ø 530 mm 21 518 531
columbus bristle pad holder		21 260 433	21 260 433	21 518 533
Pad fixing device		21 072 700	21 072 700	21 072 700
Tool-Board			21 053 532	21 053 532
<b>BATTERIES GEL</b>	<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>
Battery 12 V/55Ah Optima	21 042 700			
Battery 12 V/63Ah5 Gel	21 026 900			
Battery set 24V/63Ah5		21 026 930		
External charger 24V/10A		20 578 700		
Battery set 24V/76Ah5		20 263 701	20 263 701	20 263 701
Battery set 24V/85Ah5			21 032 300	21 032 300
Battery set 24V/105Ah5			20 264 200	20 264 200
External charger 24V/15A		20 578 800	20 578 800	20 578 800
<b>NEW BATTERIES LI-ION</b>	<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>
Battery Li-Ion 24V/50Ah		21 750 631	21 750 631	21 750 631
Battery Li-Ion 24V/100Ah		21 750 632	21 750 632	21 750 632

Pads from page 31.

Technical change subject to alteration. Prices valid from 01.12.2023

# SCRUBBER DRYERS

RA 43|BM 40

RA 55|BM 40

RA 55|BM 40 CYCLE



**NEW**

shown with optional equipment

TECHNICAL DATA	RA 43 BM 40	RA 55 BM 40	RA 55 BM 40 CYCLE	
Power W	1130	1130	1130	
Working width mm	430	550	550	
Suction width mm	735	850	850	
Theoretical coverage m <sup>2</sup> /h	1720	2200	2200	
Solution tank capacity l	40	40	40	
Recovery tank capacity l	45	45	45	
Brushes	1	1	1	
Rated Voltage V	24	24	24	
Dimensions l x w x h mm	1190 x 510 x 980	1250 x 570 x 980	1250 x 570 x 980	
Operating weight max. kg	203 (105 Ah 5)	205 (105 Ah 5)	205 (105 Ah 5)	
Standard equipment	Continuous speed control, Quick-Stop	Continuous speed control, Quick-Stop	Continuous speed control, Quick-Stop	
	<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>	
Without charger	10 446 310	10 456 310	10 456 315	
With on-board charger	10 447 310	10 457 310	10 457 323	
	<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>	
<b>OPTIONALS</b> ex works fitting				
noBAC® version	21 374 035	21 374 035		
Chemical dosing system	21 524 230	21 524 230	21 524 230	
Electronical water dosage	21 417 531	21 417 531	21 417 531	
	<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>	
<b>ACCESSORIES</b>				
Set squeegee blades	20 621 033	20 620 531	20 620 531	
Set squee. blades, oil resist.	21 668 530	21 668 330	21 668 330	
	<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>	
<b>V-ERASER, 85 cm</b>				
Stainless steel disinfectant squeegee- tool with high quality microfiber mop	21 629 730	21 629 730	21 629 730	
Microfiber mop	21 629 800	21 629 800	21 629 800	
	<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>	
<b>Scrub brushes</b>				
Standard	21 260 331	21 518 431	21 518 431	
Soft	21 260 332	21 518 432	21 518 432	
Sica 120	21 260 333	21 518 433	21 518 433	
5K	21 260 334	21 518 436	21 518 436	
	<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>	
columbus pad holder	21 260 431	21 518 531	21 518 531	
columbus bristle pad holder	21 260 433	21 518 533	21 518 533	
Pad fixing device	21 072 700	21 072 700	21 072 700	
Tool-Board	21 053 532	21 053 532	21 053 532	
	<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>	
<b>BATTERIES GEL</b>				
Battery set 24V/76Ah5	20 263 701	20 263 701	20 263 701	
Battery set 24V/85Ah5	21 032 300	21 032 300	21 032 300	
Battery set 24V/105Ah5	20 264 200	20 264 200	20 264 200	
External charger 24V/15A	20 578 800	20 578 800	20 578 800	
	<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>	
<b>BATTERIES LI-ION</b>				
Battery Li-Ion 24V/50Ah	21 750 631	21 750 631	21 750 631	
Battery Li-Ion 24V/100Ah	21 750 632	21 750 632	21 750 632	

**NEW**

Pads from page 31.



# SCRUBBER DRYERS

RA 55|B 60

RA 55|BM 60

RA 66|BM 60

**NEW**



shown with optional equipment

TECHNICAL DATA	RA 55 B 60	RA 55 BM 60	RA 66 BM 60
Power W	990	1130	1180
Working width mm	550	550	660
Suction width mm	850	850	850
Theoretical coverage m <sup>2</sup> /h	2200	2200	2640
Solution tank capacity l	60	60	60
Recovery tank capacity l	64	64	64
Brushes	1	1	2
Rated Voltage V	24	24	24
Dimensions l x w x h mm	1325 x 680 x 1005	1325 x 680 x 1005	1265 x 680 x 1005
Operating weight max. kg	220 (105 Ah 5)	231 (105 Ah 5)	243 (105 Ah 5)
Standard equipment	Quick-Stopp, electrical water dosage, Quick-Fill	Continuous speed control, Quick-Stopp, electrical water dosage, Quick-Fill	Continuous speed control, Quick-Stopp, electrical water dosage, Quick-Fill
	<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>
Without charger	10 654 410	10 656 410	10 666 410
With on-board charger	10 655 410	10 657 410	10 667 410
	<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>
<b>OPTIONALS</b> ex works fitting			
noBAC® version	21 711 130	21 711 130	21 711 130
Chemical dosing system	21 662 830	21 662 830	21 662 830
Double protection roller set	21 058 230	21 058 230	21 058 230
	<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>
<b>ACCESSORIES</b>			
Set squeegee blades	20 620 531	20 620 531	20 620 531
Set squee. blades, oil resist.	21 668 330	21 668 330	21 668 330
	<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>
<b>V-ERASER, 85 cm</b>			
Stainless steel disinfectant squeegee-tool with high quality microfiber mop	21 629 730	21 629 730	21 629 730
Microfiber mop	21 629 800	21 629 800	21 629 800
	<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>
<b>Scrub brushes</b>			
Standard	21 518 431	21 518 431	21 072 631
Soft	21 518 432	21 518 432	21 072 632
Sica 120	21 518 433	21 518 433	21 072 633
5K	21 518 436	21 518 436	21 072 636
	<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>
columbus pad holder	21 518 531	21 518 531	21 072 531
columbus bristle pad holder	21 518 533	21 518 533	21 072 533
Pad fixing device	21 072 700	21 072 700	21 072 700
Tool-Board	21 053 531	21 053 531	21 053 531
Filling hose	21 654 000	21 654 000	21 654 000
	<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>
<b>BATTERIES GEL</b>			
Battery set 24V/105Ah5	20 264 200	20 264 200	20 264 200
External charger 24V/15A*	20 578 800	20 578 800	20 578 800
	<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>
<b>BATTERIES LI-ION</b>			
Battery Li-Ion 24V/100Ah	21 750 632	21 750 632	21 750 632

\* 1 connecting cable 20650332 is needed, please order separately (free of charge)

Pads from page 31.

Technical change subject to alteration. Prices valid from 01.12.2023

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# SCRUBBER DRYERS

RA 55|BM 60 IND

RA 66|BM 60 IND

RA 85|BM 90



shown with optional equipment

TECHNICAL DATA	RA 55 BM 60 IND	RA 66 BM 60 IND	RA 85 BM 90	
Power W	1240	1240	2340	
Working width mm	550	660	850	
Suction width mm	850	980	980	
Theoretical coverage m <sup>2</sup> /h	2200	2640	3400	
Solution tank capacity l	60	60	90	
Recovery tank capacity l	60	60	95	
Brushes	1	2	2	
Rated Voltage V	24	24	24	
Dimensions l x w x h mm	1470 x 550 x 1100	1375 x 680 x 1100	1380 x 890 x 1235	
Operating weight max. kg	324 (180 Ah 5)	331 (180 Ah 5)	436 (240 Ah 5)	
Standard equipment	Continuous speed control, Quick-Stopp, Quick-Fill	Continuous speed control, Quick-Stopp, Quick-Fill	Continuous speed control, Quick-Stopp, electronical water dosage, Quick-Fill	
	<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>	
Without charger	16 155 001	16 166 001	10 986 110	
With on-board charger	16 155 101	16 166 101	10 987 110	
	<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>	
<b>OPTIONALS</b> ex works fitting				
Noise insulation "silent"	21 076 330	21 076 330		
Chemical dosing system	21 061 931	21 061 932	21 596 330	
Performance-Kit	21 374 130	21 374 130		
Double protection roller set	21 058 230	21 058 230	21 058 230	
Set of wheels PU			21 453 130	
<b>ACCESSORIES</b>	<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>	
Set squeegee blades	20 620 531	20 620 031	20 620 031	
Set squee. blades, oil resist.	21 668 330	21 668 730	21 668 730	
<b>V-ERASER, 85 cm</b>				
Stainless steel disinfectant squeegee-tool with high quality microfiber mop	21 629 730			
Microfiber mop	21 629 800			
<b>Scrub brushes</b>	ø 530 mm	ø 330 mm, 2x	ø 430 mm, 2x	
Standard	20 229 138	21 072 631	21 260 331	
Soft	20 229 139	21 072 632	21 260 332	
Sica 120	20 229 141	21 072 633	21 260 333	
5K	20 229 148	21 072 636	21 260 334	
	ø 495 mm	ø 330 mm, 2x	ø 430 mm, 2x	
columbus pad holder	20 229 142	21 072 531	21 260 431	
columbus bristle pad holder		21 072 533	21 260 433	
Pad fixing device	20 148 200	21 072 700	21 072 700	
Tool-Board	21 053 530	21 053 530	21 053 533	
Splash guard	21 042 032			
<b>BATTERIES GEL</b>	<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>	
Battery set 24V/105Ah5	20 264 200	20 264 200		
External charger 24V/15A*	20 578 800	20 578 800		
Battery set 24V/180Ah5	21 163 800	21 163 800	21 163 800	
External charger 24V/25A	20 578 902	20 578 902	20 578 902	
Battery set 24V/240Ah5			20 635 800	
External charger 24V/30A			20 648 700	
Battery set 24V/305Ah5**			21 748 800	
External charger 24V/40A			21 463 001	
				<b>NEW</b>
				<b>BATTERIES LI-ION</b>
				<b>RA 55/66 BM 60 IND</b>
				Battery Li-Ion 24V/100Ah
				21 750 632
				Battery Li-Ion 24V/150Ah
				21 750 633
				<b>RA 85 BM 90</b>
				Battery Li-Ion 24V/150Ah
				21 750 633
				Battery Li-Ion 24V/200Ah
				21 750 634

\* 1 connecting cable 20650332 is needed, please order separately (free of charge)

\*\* Only useable with external charger

Pads from page 31.



# SCRUBBER DRYERS

RA 55|BM 40 INOX

RA 66|BM 60 INOX

ARA 66|BM 70 INOX



shown with optional equipment

TECHNICAL DATA	RA 55 BM 40 INOX	RA 66 BM 60 INOX	ARA 66 BM 70 INOX	
Power W	1180	1180	1690	
Working width mm	550	660	660	
Suction width mm	850	850	850	
Theoretical coverage m <sup>2</sup> /h	2200	2640	4620 (mit 7 km/h)	
Solution tank capacity l	40	60	70	
Recovery tank capacity l	45	64	80	
Brushes	1	2	2	
Rated Voltage V	24	24	24	
Dimensions l x w x h mm	1250 x 570 x 980	1265 x 680 x 1005	1380 x 680 x 1170	
Operating weight max. kg	205 (105 Ah 5)	243 (105 Ah 5)	456 (180 Ah 5)	
Standard equipment	Continuous speed control, Quick-Stopp, electronical water dosage, noBAC®	Continuous speed control, Quick-Stopp, electronical water dosage, noBAC®	Quick-Stopp, electronical water dosage, noBAC®	
	<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>	
Without charger	10 456 312	10 666 411	17 326 102	
With on-board charger	10 457 311	10 667 413	17 316 107	
	<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>	
<b>OPTIONALS</b> ex works fitting				
Chemical dosing system	21 524 230	21 662 830	21 261 530	
Double protection roller set		21 058 230		
Noise insulation "silent"			21 261 930	
Security kit (flash light)			21 174 831	
Set of wheels PU			21 453 130	
Backrest depth adjustable			21 511 331	
BluePoint LED Warning light			21 667 031	
	<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>	
<b>ACCESSORIES</b>				
Set squeegee blades	20 620 531	20 620 531	20 620 531	
Set squee. blades, oil resist.	21 668 330	21 668 330	21 668 330	
<b>V-ERASER, 85 cm</b>				
Stainless steel disinfectant squeegee-tool with high quality microfiber mop	21 629 730	21 629 730	21 629 730	
Microfiber mop	21 629 800	21 629 800	21 629 800	
Chemical tank			21 169 333	
Bumper wheel (chassis right)			21 053 730	
<b>Scrub brushes</b>	ø 530 mm	ø 330 mm, 2x	ø 330 mm, 2x	
Standard	21 518 431	21 072 631	21 072 631	
Soft	21 518 432	21 072 632	21 072 632	
Sica 120	21 518 433	21 072 633	21 072 633	
5K	21 518 436	21 072 636	21 072 636	
	ø 530 mm	ø 330 mm, 2x	ø 330 mm, 2x	
columbus pad holder	21 518 531	21 072 531	21 072 531	
columbus bristle pad holder	21 518 533	21 072 533	21 072 533	
Pad fixing device	21 072 700	21 072 700	21 072 700	
Tool-Board	21 053 532	21 053 531		
Filling hose		21 654 000		
<b>BATTERIES GEL</b>	<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>	
Battery set 24V/76Ah5	20 263 701			
Battery set 24V/85Ah5	21 032 300			
Battery set 24V/105Ah5	20 264 200	20 264 200	20 264 200	
External charger 24V/15A*	20 578 800	20 578 800	20 578 800	
Battery set 24V/180Ah5			21 163 800	
External charger 24V/25A			20 578 902	
				<b>NEW</b>
				<b>BATTERIES LI-ION</b>
				<b>RA 55 BM 40 INOX</b>
				Battery Li-Ion 24V/50Ah
				21 750 631
				Battery Li-Ion 24V/100Ah
				21 750 632
				<b>RA 66 BM 60 INOX</b>
				Battery Li-Ion 24V/100Ah
				21 750 632
				<b>ARA 66 BM 70 INOX</b>
				Battery Li-Ion 24V/100Ah
				21 750 632
				Battery Li-Ion 24V/150Ah
				21 750 633

\* RA66|BM 60 INOX and ARA 66|BM 70 INOX: 1 connecting cable 20650332 is needed, please order separately (free of charge)

Pads from page 31.

Technical change subject to alteration. Prices valid from 01.12.2023

# RIDE-ON SCRUBBER DRYERS

**ARA 66|BM 70**

**ARA 66|BM 100**

**ARA 80|BM 100**



shown with optional equipment

TECHNICAL DATA	ARA 66 BM 70	ARA 66 BM 100	ARA 80 BM 100	
Power W	1690	2290	2290	
Working width mm	660	660	800	
Suction width mm	850	850	980	
Theoretical coverage m <sup>2</sup> /h	4620 (with 7 km/h)	4620	5600	
Solution tank capacity l	70	100	100	
Recovery tank capacity l	80	115	115	
Brushes	2	2	2	
Rated Voltage V	24	24	24	
Dimensions l x w x h mm	1380 x 680 x 1170	1380 x 730 x 1325	1380 x 900 x 1325	
Operating weight max. kg	456 (180 Ah 5)	658 (240 Ah 5)	663 (240 Ah 5)	
Standard equipment	Electronical water dosage Quick-Fill			
	<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>	
Without charger	17 326 101	10 026 001	10 028 001	
With on-board charger	17 316 101	10 026 101	10 028 101	
	<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>	
<b>OPTIONALS</b> ex works fitting				
noBAC® version	21 374 036	21 374 034	21 374 034	
Chemical dosing system	21 261 530	20 970 630	20 970 630	
Noise insulation "silent"	21 261 930	21 010 432	21 010 431	
Security kit (flash light)	21 174 831	21 044 531	21 044 531	
Set of wheels PU	21 453 130	21 453 130	21 453 130	
Backrest depth adjustable	21 511 331			
BluePoint LED Warning light	21 667 031			
	<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>	
<b>ACCESSORIES</b>				
Set squeegee blades	20 620 531	20 620 531	20 620 031	
Set squee. blades, oil resist.	21 668 330	21 668 330	21 668 730	
Side shift rubber strip		20 968 801	20 968 801	
Side shift rubber strip, oil res.		20 968 802	20 968 802	
<b>V-ERASER, 85 cm</b>				
Stainless steel disinfectant squeegee- tool with high quality microfiber mop	21 629 730	21 629 730		
Microfiber mop	21 629 800	21 629 800		
Chemical tank	21 169 331			
Bumper wheel (chassis right)	21 053 730			
<b>Scrub brushes</b>	ø 330 mm, 2x	ø 330 mm, 2x	ø 430 mm, 2x	
Standard	21 072 631	20 071 643	20 078 331	
Soft	21 072 632	20 071 637	20 078 332	
Sica 120	21 072 633		20 078 335	
5K	21 072 636		20 078 344	
	ø 330 mm, 2x	ø 320 mm, 2x	ø 430 mm, 2x	
columbus pad holder	21 072 531	20 253 631	20 253 531	
columbus bristle pad holder	21 072 533			
Pad fixing device	21 072 700	20 148 200	20 148 200	
	<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>	
<b>BATTERIES GEL</b>				<b>NEW</b>
Battery set 24V/105Ah5	20 264 200			<b>BATTERIES LI-ION</b>
External charger 24V/15A*	20 578 800			<b>ARA 66 BM 70</b>
Battery set 24V/180Ah5	21 163 800	21 163 800	21 163 800	Battery Li-Ion 24V/100Ah
External charger 24V/25A	20 578 902	20 578 902	20 578 902	21 750 632
Battery set 24V/240Ah5		20 635 800	20 635 800	Battery Li-Ion 24V/150Ah
External charger 24V/30A		20 648 700	20 648 700	21 750 633
Battery set 24V/280Ah5**		20 649 200	20 649 200	<b>ARA 66/80 BM 100</b>
External charger 24V/40A		20 648 800	20 648 800	Battery Li-Ion 24V/150Ah
Battery set 24V/305Ah5**		21 748 800	21 748 800	21 750 633
External charger 24V/40A		21 463 001	21 463 001	Battery Li-Ion 24V/200Ah
				21 750 634

\* 1 connecting cable 20650332 is needed, please order separately (free of charge)

\*\* Only useable with external charger

Pads from page 31.

# RIDE-ON SCRUBBER DRYERS

ARA 85|BM 120

ARA 85|BM 140



shown with optional equipment

TECHNICAL DATA	ARA 85 BM 120	ARA 85 BM 140	
Power W	2395	3050	
Working width mm	850	850	
Suction width mm	980	980	
Theoretical coverage m²/h	5100	5950	
Solution tank capacity l	120	140	
Recovery tank capacity l	140	150	
Brushes	2	2	
Rated Voltage V	24	24	
Dimensions l x w x h mm	1490 x 880 x 1260	1490 x 880 x 1330	
Operating weight max. kg	596 (240 Ah 5)	690	
Standard equipment	Electronical water dosage, Quick-Fill	Electronical water dosage, Quick-Fill, Sideshifts, Comfort seat, Armrest left	
	ART. NO.	ART. NO.	
Without charger	12 028 101	11 488 110	
With on-board charger	12 018 101	11 489 110	
	ART. NO.	ART. NO.	
<b>OPTIONALS</b> ex works fitting	ART. NO.	ART. NO.	
Chemical dosing system	21 261 531	21 715 930	
Noise insulation "silent"	21 464 430		
Security kit (flash light)	21 462 230	21 716 030	
Set of wheels PU	21 453 130		
Backrest depth adjustable	21 511 331		
BluePoint LED Warning light	21 667 031	21 716 130	
Manual vacuum wand		21 716 230	
Armrest right side		21 716 330	
Drainage kit (solution tank)		21 716 430	
Tank cleaning kit/spray gun		21 716 530	
	ART. NO.	ART. NO.	
<b>ACCESSORIES</b>	ART. NO.	ART. NO.	
Set squeegee blades	20 620 031	20 620 031	
Set squee. blades, oil resist.	21 668 730	21 668 730	
	ART. NO.	ART. NO.	
<b>Scrub brushes</b>	ø 430 mm, 2x	ø 430 mm, 2x	
Standard	21 260 331	21 260 331	
Soft	21 260 332	21 260 332	
Sica 120	21 260 333	21 260 333	
5K	21 260 334	21 260 334	
	ø 430 mm, 2x	ø 430 mm, 2x	
columbus pad holder	21 260 431	21 260 431	
columbus bristle pad holder	21 260 433	21 260 433	
Pad fixing device	21 072 700	21 072 700	
Chemical tank	21 460 930		
	ART. NO.	ART. NO.	
<b>BATTERIES GEL</b>	ART. NO.	ART. NO.	
Battery set 24V/180Ah5	21 163 800		
External charger 24V/25A	20 578 902		
Battery set 24V/240Ah5	20 635 800	20 635 800	
External charger 24V/30A	20 648 700	20 648 700	
Battery set 24V/280Ah5		20 649 200	
External charger 24V/40A		20 648 800	
Battery set 24V/305Ah5*	21 748 800	21 748 800	
External charger 24V/40A	21 463 001	21 463 001	

\* ARA 85|BM 120: Only useable with external charger

NEW
<b>BATTERIES LI-ION</b>
<b>ARA 85 BM 120</b>
Battery Li-Ion 24V/150Ah
21 750 633
Battery Li-Ion 24V/200Ah
21 750 634
<b>ARA 85 BM 140</b>
Battery Li-Ion 24V/150Ah
21 750 633
Battery Li-Ion 24V/200Ah
21 750 634

Pads from page 31.

Technical change subject to alteration. Prices valid from 01.12.2023

# RIDE-ON SCRUBBER DRYERS

ARA 100|BM 200

ARA 100|BM 200 W



TECHNICAL DATA	ARA 100 BM 200	ARA 100 BM 200 W		
Power W	3750	3450		
Working width mm	1020	1020		
Suction width mm	1200	1200		
Theoretical coverage m <sup>2</sup> /h	9000	9000		
Solution tank capacity l	200	200		
Recovery tank capacity l	220	220		
Brushes	2	2		
Rated Voltage V	36	36		
Dimensions l x w x h mm	1990 x 1120 x 1455	1990 x 1120 x 1455		
Operating weight max. kg	1140 (330 Ah 5)	1160 (330 Ah 5)		
Standard equipment	Electronical water dosage, Quick-Fill, spray gun, security kit, armrests, safety belt, rear bumper, working light LED	2 cylindrical brushes 970 mm, electronical water dosage, Quick-Fill, spray gun, security kit, armrests, safety belt, rear bumper working light LED		
	<b>ART. NO.</b>	<b>ART. NO.</b>		
Without charger	12 008 110	12 008 111		
With on-board charger	12 009 110	12 009 111		
	<b>ART. NO.</b>	<b>ART. NO.</b>		
<b>OPTIONALS</b> ex works fitting	<b>ART. NO.</b>	<b>ART. NO.</b>		
Chemical dosing system	21 622 030	21 622 030		
All-wheel-drive	21 597 730	21 597 730		
Side brush	21 613 430	21 613 430		
Manual vacuum wand	21 622 330	21 622 330		
Bumper front	21 602 830	21 602 830		
Set of wheels PU	21 635 030	21 635 030		
Shelter	21 640 180	21 640 180		
BluePoint LED Warning light	21 667 030	21 667 030		
	<b>ART. NO.</b>	<b>ART. NO.</b>		
<b>ACCESSORIES</b>	<b>ART. NO.</b>	<b>ART. NO.</b>		
Set squeegee blades	20 645 831	20 645 831		
Set squee. blades, oil resist.	21 668 930	21 668 930		
Side shift rubber strip	21 559 001	21 559 001		
Side shift rubber strip, oil res.	21 559 002	21 559 002		
	<b>ART. NO.</b>	<b>ART. NO.</b>		
<b>Scrub brushes</b>	ø 530 mm, 2x			
Standard	21 518 431			
Soft	21 518 432			
Sica 120	21 518 433			
5K	21 518 436			
	<b>ART. NO.</b>	<b>ART. NO.</b>		
<b>Cylindrical brushes</b>		970 mm, 2x		
Standard		21 556 300		
	ø 530 mm, 2x			
columbus pad holder	21 518 531			
columbus bristle pad holder	21 518 533			
Pad fixing device	21 072 700			
	<b>ART. NO.</b>	<b>ART. NO.</b>		
<b>BATTERIES GEL</b>	<b>ART. NO.</b>	<b>ART. NO.</b>		
Battery set 36V/240Ah5	20 635 801	20 635 801		
Battery set 36V/305Ah5	21 748 801	21 748 801		
External charger 36V/45A	21 616 200	21 616 200		
	<b>ART. NO.</b>	<b>ART. NO.</b>		
<b>BATTERIES WET</b>	<b>ART. NO.</b>	<b>ART. NO.</b>		
Trough battery 36V/320Ah5*	21 604 601	21 604 601		
External charger 36V/45A	21 616 200	21 616 200		

\* Only useable with external charger

Pads from page 31.

# WALK-BEHIND SWEEPERS

## K 80|40



TECHNICAL DATA	K 80 40			
Sweeping principle	Overthrow			
Brushes	2			
Working width mm w/o / with 1 side brush	470 / 800 mm			
Theoretical coverage	2800 m <sup>2</sup> /h			
Waste container l	40			
Brush drive	manual			
Battery / motor				
On-board charger				
Weight kg	14			
Dimensions l x w x h mm	800 x 660 x 330			
Standard equipment	With 2 main brushes and 2 side brushes PA			
	<b>ART. NO.</b>			
	18 040 001			
<b>ACCESSORIES</b>	<b>ART. NO.</b>			
Side brush PA	20 998 500			
Main brush PA	20 998 300			

# WALK-BEHIND SWEEPERS

KS 51|BM 45

KS 51|VM 45 M

KS 71|BM 60

KS 71|VM 60 M



TECHNICAL DATA	KS 51 BM 45	KS 51 VM 45 M	KS 71 BM 60	KS 71 VM 60 M
Sweeping principle	Overthrow	Overthrow	Overthrow	Overthrow
Brushes	1	1	1	1
Working width mm w/o / with 1 side brush	510 / 690	510 / 690	710 / 880	710 / 880
Theoretical coverage	2720 m <sup>2</sup> /h	2720 m <sup>2</sup> /h	3520 m <sup>2</sup> /h	3520 m <sup>2</sup> /h
Waste container l	45	45	60	60
Filter size m <sup>2</sup>	2	2	3	3
Filter cleaning	electrical	mechanical	electrical	mechanical
Voltage / motorization	12 V Battery	Honda 3 (4 PS)	12 V Battery	Honda 3 (4 PS)
Weight kg	75 w/o Batt.	85	88 w/o Batt.	98
Dimensions l x w x h mm	1260 x 630 x 850	1260 x 630 x 850	1260 x 830 x 850	1260 x 830 x 850
Standard equipment	Main brush/side brush PP dust filter polyester, rubber wheels and seal strips non- marking, electrical dust filter cleaning	Main brush PP+wire side brush PP, dust filter polyester, mechanical dust filter cleaning	Main brush/side brush PP dust filter polyester, rubber wheels and seal strips non- marking, electrical dust filter cleaning	Main brush PP+wire side brush PP, dust filter polyester, mechanical dust filter cleaning
	<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>
	18 150 101	18 150 301	18 170 101	18 170 301
<b>OPTIONALS</b> ex works fitting	<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>
Side brush PP+wire	21 087 000Z	21 087 000Z	21 087 000Z	21 087 000Z
Side brush protection steel	21 081 900Z	21 081 900Z	21 081 900Z	21 081 900Z
Main brush PP		21 084 700Z		21 084 900Z
Main brush PP+wire	21 084 600Z		21 084 800Z	
Main brush nature	21 086 400Z	21 086 400Z	21 086 500Z	21 086 500Z
Trolley for waste container	21 081 730Z	21 081 730Z	21 081 830Z	21 081 830Z
Dust filter HEPA (flat pleated)	21 086 600Z	21 086 600Z	21 086 700Z	21 086 700Z
<b>ACCESSORIES</b>	<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>
Side brush PP	21 084 500	21 084 500	21 084 500	21 084 500
Side brush PP+wire	21 087 000	21 087 000	21 087 000	21 087 000
Side brush protection steel	21 081 900	21 081 900	21 081 900	21 081 900
Main brush PP	21 084 700	21 084 700	21 084 900	21 084 900
Main brush PP+wire	21 084 600	21 084 600	21 084 800	21 084 800
Main brush nature	21 086 400	21 086 400	21 086 500	21 086 500
Waste container with trolley	21 081 730	21 081 730	21 081 830	21 081 830
Dust filter polyester	21 081 500	21 081 500	21 081 600	21 081 600
Dust filter HEPA (flat pleated)	21 086 600	21 086 600	21 086 700	21 086 700
<b>BATTERIES</b>	<b>ART. NO.</b>		<b>ART. NO.</b>	
Battery 12V/76Ah5	20 263 711		20 263 711	
Battery 12V/105Ah5	20 264 210		20 264 210	
External charger 12V/15A	21 082 200		21 082 200	
Battery set 12V/180Ah5*	21 163 810		21 163 810	
External charger 12V/20A	21 082 400		21 082 400	

\* 1 connecting cable 21387400 is needed, please order separately (free of charge)



# RIDE-ON SWEEPERS

AKS 70|BM 62

AKS 70|VM 62



shown with optional equipment

<b>TECHNICAL DATA</b>		<b>AKS 70 BM 62</b>	<b>AKS 70 VM 62</b>
Sweeping principle		Overthrow	Overthrow
Brushes		1	1
Working width mm			
w/o side brush		700	700
With 1 side brush		920	920
With 2 side brush		1150	1150
Theoretical coverage		7130 m <sup>2</sup> /h	8850 m <sup>2</sup> /h
Waste container l		62	62
Speed km/h		6,2	7,7
Voltage / motorization		24 V battery	Petrol Honda
Weight kg		262 w/o battery	312
Dimensions l x w x h mm		1430 x 910 x 1140	1430 x 910 x 1140
Standard equipment		Main brush/2 side brushes PP, rubber wheels non-marking, backwards buzzer 100 dB(A), seal strips non-marking, cylindrical dust filter polyester, w/o batteries and charger	Main brush PP+wire, 2 side brushes PP, backwards buzzer 100 dB(A), cylindrical dust filter polyester
		<b>ART. NO.</b>	<b>ART. NO.</b>
		18 171 101	18 171 216
<b>OPTIONALS</b> ex works fitting		<b>ART. NO.</b>	<b>ART. NO.</b>
Head lamps		21 081 130Z	21 081 130Z
Shelter		21 080 800Z	21 080 800Z
Side brush PP+wire		21 082 900Z	21 082 900Z
Main brush PP			21 585 500Z
Main brush PP+wire		21 082 600Z	
Main brush nature		21 082 700Z	21 082 700Z
Side brush protection steel right		21 080 330Z	21 080 330Z
Side brush protection steel left		21 080 331Z	21 080 331Z
Cylindrical dust filter HEPA		21 086 800Z	21 086 800Z
Rubber wheels non-marking			21 080 630Z
Waste container steel		21 080 700Z	21 080 700Z
<b>ACCESSORIES</b>		<b>ART. NO.</b>	<b>ART. NO.</b>
Side brush PP		21 082 800	21 082 800
Side brush PP+wire		21 082 900	21 082 900
Main brush PP	w/o brush adapter	21 585 500	21 585 500
Main brush PP+wire	w/o brush adapter	21 082 600	21 082 600
Main brush nature	w/o brush adapter	21 082 700	21 082 700
Brush adapter		21 168 000	21 168 000
Side brush protection steel right		21 080 330	21 080 330
Side brush protection steel left		21 080 331	21 080 331
Cyl. dust filter polyester	6 pieces needed	21 080 400	21 080 400
Cylindrical dust filter HEPA	6 pieces needed	21 086 800	21 086 800
Waste container steel		21 080 700	21 080 700
<b>BATTERIES</b>		<b>ART. NO.</b>	
Battery set 24V/180Ah5		21 163 800	
External charger 24V/25A*		20 578 902	

\* For version with external charger, to be used with adapter 20650332, please order separately (free of charge)

# RIDE-ON SWEEPERS

**AKS 80|BM 108**  
**AKS 80|VM 108**  
**AKS 80|VDM 108**



shown with optional equipment

TECHNICAL DATA		AKS 80 BM 108	AKS 80 VM 108	AKS 80 VDM 108
Sweeping principle		Overthrow	Overthrow	Overthrow
Brushes		1	1	1
Working width mm w/o side brush		800	800	800
With 1 side brush		1050	1050	1050
With 2 side brushes		1300	1300	1300
Theoretical coverage		9750 m <sup>2</sup> /h	9750 m <sup>2</sup> /h	9750 m <sup>2</sup> /h
Waste container l		108	108	108
Speed km/h		7,5	7,5	7,5
Voltage / motorization		24 V battery	Petrol Honda	Diesel Yanmar
Weight kg		359 w/o Batt.	440	480
Dimensions l x w x h mm		1560 x 1020 x 1300	1560 x 1020 x 1300	1560 x 1020 x 1300
Standard equipment		Main brush/2 side brushes PP, rubber wheels non-marking, seal strips non-marking, cylindrical dust filter polyester, w/o batteries and charger	Main brush PP+wire, 2 side brushes PP, cylindrical dust filter polyester	Main brush PP+wire, 2 side brushes PP, cylindrical dust filter polyester
		<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>
		18 180 301	18 180 101	18 180 201
<b>OPTIONALS</b> ex works fitting		<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>
Shelter		21 133 400Z	21 133 400Z	21 133 400Z
Hydraulic high-dumping system		21 132 430Z	21 132 430Z	21 132 430Z
Side brush PP+wire		21 132 800Z	21 132 800Z	21 132 800Z
Main brush PP			21 132 900Z	21 132 900Z
Main brush PP+wire		21 133 000Z		
Main brush nature		21 132 500Z	21 132 500Z	21 132 500Z
Pocket filter polyester M-Bia**		21 133 100Z	21 133 100Z	21 133 100Z
Pocket filter polyester T 452 for fine dust applications		21 133 200Z	21 133 200Z	21 133 200Z
Cylindrical dust filter HEPA		21 087 100Z	21 087 100Z	21 087 100Z
		<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>
<b>ACCESSORIES</b>		<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>
Side brush PP		21 132 700	21 132 700	21 132 700
Side brush PP+wire		21 132 800	21 132 800	21 132 800
Main brush PP	w/o brush adapter	21 132 900	21 132 900	21 132 900
Main brush PP+wire	w/o brush adapter	21 133 000	21 133 000	21 133 000
Main brush nature	w/o brush adapter	21 132 500	21 132 500	21 132 500
Brush adapter		21 168 100	21 168 100	21 168 100
Set for changing from cylindrical to pocket filter (+filter rack)		21 263 100	21 263 100	21 263 100
Filter rack for pocket filter		21 133 300	21 133 300	21 133 300
Pocket filter polyester M-Bia**		21 133 100	21 133 100	21 133 100
Pocket filter polyester T 452, for fine dust applications		21 133 200	21 133 200	21 133 200
Set for changing from pocket to cylindrical filter		21 263 000	21 263 000	21 263 000
Cyl. dust filter polyester	8 pieces needed	21 263 300	21 263 300	21 263 300
Cylindrical dust filter HEPA	8 pieces needed	21 087 100	21 087 100	21 087 100
Bucket right/left for waste container, 2 pieces needed		21 227 700	21 227 700	21 227 700
Bucket central for waste container, 1 piece needed		21 227 800	21 227 800	21 227 800
		<b>ART. NO.</b>		
<b>BATTERIES</b>		<b>ART. NO.</b>		
Battery set 24V/240Ah5		20 635 800		
External charger 24V/30A*		20 648 700		

\* 1 connecting cable 21387400 is needed, please order separately (free of charge)

\*\* Filter checked from the BG Institute for Occupational Safety and Health - BIA.

# RIDE-ON SWEEPERS

**AKS 88|BM 180**

**AKS 88|VDM 180**



TECHNICAL DATA		AKS 88 BM 180	AKS 88 VDM 180	
Sweeping principle		Overthrow	Overthrow	
Brushes		1	1	
Working width mm				
w/o side brush		880 mm	880 mm	
With 1 side brush		1160 mm	1160 mm	
With 2 side brush		1440 mm	1440 mm	
Theoretical coverage		11500 m <sup>2</sup> /h	11500 m <sup>2</sup> /h	
Waste container l		180	180	
Speed km/h		7,9	7,9	
Voltage / motorization		24 V battery	Diesel Kubota	
Weight kg		684 w/o battery	810	
Dimensions l x w x h mm		1860 x 1245 x 1545	1860 x 1245 x 1545	
Standard equipment		Main brush PP, 2 side brushes PP, side brush protection steel, hydraulic high-dumping system, pocket filter standard class "M", wheels + seal strips non-marking, w/o batteries and charger	Main brush PP+wire, 2 side brushes PP, side brush protection steel, hydraulic high-dumping system, pocket filter standard class "M"	
		<b>ART. NO.</b>	<b>ART. NO.</b>	
		18 188 101	18 188 001	
<b>OPTIONALS</b> ex works fitting		<b>ART. NO.</b>	<b>ART. NO.</b>	
Shelter		21 264 300Z	21 264 300Z	
Side brush PP+wire		21 263 600Z	21 263 600Z	
Main brush PP			21 263 700Z	
Main brush PP+wire		21 263 800Z		
Main brush nature		21 263 900Z	21 263 900Z	
Pocket filter polyester M-Bia*** Micro				
for applications in industrial objects		21 264 100Z	21 264 100Z	
Pocket filter polyester T452				
for fine dust applications		21 264 000Z	21 264 000Z	
<b>ACCESSORIES</b>		<b>ART. NO.</b>	<b>ART. NO.</b>	
Side brush PP		21 263 500	21 263 500	
Side brush PP+wire		21 263 600	21 263 600	
Main brush PP	w/o brush adapter	21 263 700	21 263 700	
Main brush PP+wire	w/o brush adapter	21 263 800	21 263 800	
Main brush nature	w/o brush adapter	21 263 900	21 263 900	
Brush adapter AKS 88		21 264 200	21 264 200	
Pocket filter polyester standard class "M"		21 264 500	21 264 500	
Pocket filter polyester M-Bia*** Micro		21 264 100	21 264 100	
Pocket filter polyester T 452		21 264 000	21 264 000	
<b>BATTERIES</b>		<b>ART. NO.</b>		
Battery set 24V/240Ah5		20 635 800		
External charger 24V/30A*		20 648 700		
Battery set 24V/280Ah5		20 649 200		
External charger 24V/40A		20 648 800		
Battery set 24V/305Ah5**		21 748 800		
External charger 24V/40A		21 463 001		

\* 1 connecting cable 21387400 is needed, please order separately (free of charge)

\*\* Only useable with external charger

\*\*\* Filter checked from the BG Institute for Occupational Safety and Health - BIA.

# SINGLE DISC MACHINES

E 400|S

bionic

E 500|E

E 500|S



shown with optional equipment

TECHNICAL DATA	E 400 S	bionic	E 500 E	E 500 S
Power W	1200	1200	1200	1800
Working width mm	400	430	500	500
Working height max. mm	285	285	290	330
Brush speed rpm	140	140	140	140
Mains cable m	12	12	12	12
Dimensions l x w x h mm	415 x 550 x 1200	450 x 565 x 1200	480 x 630 x 1215	480 x 630 x 1215
Weight kg	40	42	42	50
	<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>
	10 820 101	10 441 701	10 800 201	10 800 101
<b>OPTIONALS</b> ex works fitting	<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>
Spray unit (kit)	10 701 003	10 701 003	10 701 003	10 701 003
Tank, 12 litres	20 251 630	20 251 630	20 251 630	20 251 630
Extension cable 12 m red	20 588 830	20 588 830	20 588 830	20 588 830
Extension cable 25 m grey	20 588 930	20 588 930	20 588 930	20 588 930
Paper filter bag (PU 20 pcs)	20 599 930	20 599 930	20 599 930	20 599 930
Paper filter bag (PU 200 pcs)	20 599 931	20 599 931	20 599 931	20 599 931
Additional weight 15 kg	20 932 230	20 932 230		
Additional weight 20 kg			20 932 330	20 932 330
with felt strips				
<b>Scrub brushes</b>	ø 400 mm	ø 430 mm	ø 460 mm	ø 460 mm
Standard	20 059 031	20 078 331	20 568 931	20 568 931
Soft	20 059 032	20 078 332		
Sica 120	20 059 038	20 078 335		
Shampooing brush	20 059 034	20 078 337	20 568 933	20 568 933
Polishing brush Union	20 059 035	20 078 339		
5K	20 059 057	20 078 344	20 568 937	20 568 937
columbus pad holder	ø 406 mm 20 059 044	ø 430 mm 20 253 531	ø 460 mm 20 229 145	ø 460 mm 20 229 145
Grinding disc	20 059 042			

# HIGH-SPEED AND ULTRA-HIGH-SPEED SINGLE DISC MACHINES

## Duo Speed

HS 434

HS 1001

HS 1601



shown with optional equipment

TECHNICAL DATA	Duo Speed	HS 434	HS 1001 / HS 1601	
Power W	1300/1800	1500	1500	
Working width mm	400	430	500	
Working height max. mm	330	340	330	
Brush speed rpm	150/300	400	1000 / 1600	
Mains cable m	12	12	12	
Dimensions l x w x h mm	415 x 550 x 1200	450 x 565 x 1170	500 x 770 x 1160	
Weight kg	48,5	33	42,5	
	<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>	
	10 820 140	10 440 101	11 220 102	
			11 220 202	
<b>ACCESSORIES</b>	<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>	
Spray unit (kit)	10 701 003	10 701 003	10 702 003	
Tank, 12 litres	20 251 630			
Extension cable 12 m red	20 588 830	20 588 830	20 588 830	
Extension cable 25 m grey	20 588 930	20 588 930	20 588 930	
Paper filter bag (PU 20 pcs)	20 599 930	20 599 930	20 599 930	
Paper filter bag (PU 200 pcs)	20 599 931	20 599 931	20 599 931	
Additional weight 15 kg with felt strips	20 932 230			
<b>Scrub brushes</b>	ø 400 mm	ø 430 mm		
Standard	20 059 031			
Soft	20 059 032			
Sica 120	20 059 038			
Shampooing brush	20 059 034			
Polishing brush Union	20 059 035	20 078 339		
5K	20 059 057			
columbus pad holder	ø 406 mm 20 059 046	ø 430 mm 20 253 532		
Pad fixing device			20 148 200	

Pads from page 31.

Technical change subject to alteration. Prices valid from 01.12.2023

# SPECIAL SINGLE DISC MACHINES

## E 505|S Ex THERMOPAD



shown with optional equipment

TECHNICAL DATA	E 505 S Ex	THERMOPAD		
Voltage V	380			
Power W	1000	3050		
Brush motor W		900		
Heater fan W		2150		
Working width max. mm	500	430		
Working height max. mm	450	300		
Brush speed r/min	142	190		
Mains cable m	12	12		
Dimensions l x w x h mm	480 x 610 x 1215	450 x 565 x 1170		
Protection class	1			
Ex-classification	ATEX II 2G ck EEx de IIC T3			
Weight kg	58	35		
	<b>Assembled equipment classified for areas ATEX II 2G ck EEx de IIC T3. For use in zones 1 and 2.</b>			
	<b>ART. NO.</b>	<b>ART. NO.</b>		
	Control box in plastic 12 150 005	10 431 101		
	Control box in stainless steel 12 150 006			
	<b>ART. NO.</b>	<b>ART. NO.</b>		
Spray unit (kit)		10 701 003		
Tank, 12 litres		20 251 630		
Extension cable 12 m red		20 588 830		
Extension cable 25 m grey		20 588 930		
Scrub brush explosion proof	20 034 247			
Pad holder explosion proof	20 987 230			
	ø 483 mm			
Scrub pad 3/30	20 787 000			
Scrub pad 3/30 (PU 10 pcs)	20 787 030			
		ø 406 mm		
columbus pad holder alum.		20 253 235		



# EXCENTER MACHINES

**X 500**

**X 500|S**



shown with optional equipment

<b>TECHNICAL DATA</b>		<b>X 500</b>	<b>X 500 S</b>
Power W		750	1200
Working width mm		500	500
Working height max. mm		335	240
Speed / Rotation rpm		2810	3000
Mains cable m		12	12
Dimensions l x w x h mm		540 x 500 x 1170	540 x 500 x 1170
Weight kg		53,5	56
Protection class		IPX4 / IP55 (Motor)	IPX4
		<b>ART. NO.</b>	<b>ART. NO.</b>
		10 311 000	10 310 000
<b>ACCESSORIES</b>		<b>ART. NO.</b>	<b>ART. NO.</b>
Tank	complete, 12 Liter	21 655 030	21 655 030
Add. weight 15 kg		21 634 130	21 634 130
Super Pad black	PU 5 pieces	356 x 510 mm 21 664 100	356 x 510 mm 21 664 100
Super Pad red	PU 5 pieces	21 663 500	21 663 500
Super Pad green	PU 5 pieces	21 663 400	21 663 400
Microfibre Pad	PU 5 pieces	21 663 600	21 663 600
Scrub Pad green	PU 4 pieces	21 663 700	21 663 700
Twister Pad, red	PU 2 pieces	355 x 508 mm/14"x20" 21 584 204	355 x 508 mm/14"x20" 21 584 204
Twister Pad, white	PU 2 pieces	21 583 603	21 583 603
Twister Pad, yellow	PU 2 pieces	21 583 602	21 583 602
Twister Pad, green	PU 2 pieces	21 583 601	21 583 601
Twister Xtreme Pad - TXP	PU 2 pieces	21 018 809	21 018 809

**Pads from page 31.**

**Detergents on page 33.**

Technical change subject to alteration. Prices valid from 01.12.2023

## SPRAY EXTRACTION MACHINES

**SX 44**  
**SX 344**  
**TA 50|K 50**



shown with optional equipment

TECHNICAL DATA	SX 44	SX 344	TA 50 K 50
Power W	1570	1580	1580
Spray quantity l/min.	1,5	4,5	4,5
Spray pressure bar	4	9	9
Air flow max. l/s	45	45	45
Low pressure max. mbar	295	294	333
Solution tank capacity l	14	30	50
Recovery tank capacity l	14	30	50
Suction hose m	2,5	5	5
Mains cable m	10	10	15
Dimensions l x w x h mm	300 x 420 x 530	380 x 500 x 780	500 x 860 x 950
Weight kg	12	24	55
Standard equipment	Spray-suction-hose 2,5 m, suction tube, floor tool plastic with 27 cm and 1 spray nozzle included	Spray-suction-hose 5 m, suction tube, floor tool aluminium with 30 cm and 3 spray nozzles included	with spray-extraction-brush-unit
	<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>
	11 063 001	11 066 001	11 064 001
<b>ACCESSORIES</b>			<b>ART. NO.</b>
Hand tool aluminium	working width 100 mm, 1 spray nozzle		20 770 000
Hand tool plastic	PP, working width 100 mm, 1 spray nozzle		20 770 100
Floor lance plastic	working width 270 mm, 1 spray nozzle		20 877 430
Floor lance aluminium	working width 300 mm, 3 spray nozzles		21 386 400
Floor tool combi	working width 270 mm, 3 spray nozzles, for hard floors too		20 770 200
Power brush	working width 270 mm, 3 spray nozzles		21 386 500
Spray-and-suction-hose	2,5 m, ø 32 mm, for SX 44		20 780 830
Spray-and-suction-hose	5 m, ø 38 mm, for tools combined with SX 344 und TA 50 K 50		21 386 300
	<b>SX 44</b>	<b>SX 344</b>	<b>TA 50 K 50</b>
Hand tool aluminium	20 770 000	optional	optional*
Hand tool plastic	20 770 100	optional	optional*
Floor lance plastic	20 877 430	standard	optional*
Floor lance aluminium	21 386 400	optional	standard
Floor tool combi	20 770 200	optional	optional*
Power brush	21 386 500	no	optional*
Spray-and-suction-hose	20 780 830	standard	no
Spray-and-suction-hose	21 386 300	no	standard

\* In conjunction with spray-and-suction-hose art. no. 20 780 830 for SX 44 or spray-and-suction-hose art. no. 21 386 300 for SX 344 and TA 50|K 50.

## UPRIGHT VACCUUM CLEANERS

**BS 361 eco**

**BS 461 eco**

**XP 2 eco**

**XP 3 eco**



TECHNICAL DATA	BS 361 eco	BS 461 eco	XP 2 eco	XP 3 eco
Power W	875	895	890	890
Air flow max. l/s	45	45	43,3	43,3
Low pressure max. mbar	165	165	243	243
Volume paper filter bag l	5	5	5,3	5,3
Brush speed rpm	3300	3300	2700	2700
Working width mm	360	460	378	448
Mains cable m	12	12	12	12
Brush drive	Toothed belt	Toothed belt	Toothed belt	Toothed belt
Dimensions l x w x h mm	260 x 360 x 1240	260 x 460 x 1240	315 x 375 x 1190	315 x 455 x 1190
Weight kg	8,8	9,4	8,1	8,2
Safety class	II	II	II	II
Standard equipment	with 1 set accessories "standard", incl. 1 paper filter bag	with 1 set accessories "standard", incl. 1 paper filter bag	with 1 set accessories "standard", incl. 1 paper filter bag	with 1 set accessories "standard", incl. 1 paper filter bag
	<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>
	11 643 101	11 644 101	11 645 002	11 645 003
<b>ACCESSORIES "Std."</b>	<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>
Brush strips standard	20 207 531	20 212 131		
Crevice tool	20 212 900	20 212 900	20 212 900	20 212 900
Fixing device	20 212 830	20 212 830		
Exhaust air filter HEPA	21 527 700	21 527 700		
Upholstery tool			20 609 100	20 609 100
Round brush set			20 605 030	20 805 530
Micro-exhaust air filter			21 530 700	21 530 700
Micro-hygiene filter			20 600 700	20 600 700
<b>ACCESSORIES "EXTRA"</b>	<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>
Brush strips hard (red)	20 207 532	20 212 132		
Paper filter bag (PU 20 pcs)	20 208 430	20 208 430	20 599 930	20 599 930
Paper filter bag (PU 120 pcs)			20 599 931	20 599 931
Paper filter bag (PU 200 pcs)	20 208 431	20 208 431		
Microfilter (class M)	20 213 200	20 213 200		
Extension hose 1,7 m	20 597 300	20 597 300	20 597 300	20 597 300
Filter set complete (10 pcs paper filter bag, 1 micro-hygiene filter class M)			20 615 630	20 615 630
Hepa-Box (8 pcs paper filter bag ultra, 1 Hepa filter H 13)			20 889 230	20 889 230
Extension tube ø 40 mm, 480 mm long			20 213 100	20 213 100

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# VACUUM CLEANERS

ST 7

ST 11

ST 11 pro



TECHNICAL DATA		ST 7	ST 11	ST 11 pro
Power W		720	720	720
Air flow max. l/s		31	31	31
Low pressure max. mbar		222	222	222
Volume fleece filter bag l		7	11	11
Volume tank l		11	14	14
Suction hose m		2	2	2,5
Mains cable m		10	10	15
Dimensions l x w x h mm		350 x 280 x 400	390 x 300 x 410	390 x 300 x 410
Weight kg		4,8	6,7	6,7
Safety class		II	II	II
Standard equipment		with 1 set accessories "standard", incl. 1 fleece filter bag	with 1 set accessories "standard", incl. 1 fleece filter bag	with 1 set accessories "standard", incl. 1 fleece filter bag
		<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>
		12 700 011	12 600 011	12 610 011
<b>ACCESSORIES "Std."</b>		<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>
Floor tool combi	ø 32 mm, 270 mm working width	21 152 300	21 152 300	21 152 300
bent tube antistatic	ø 32 mm, with air regulation	21 003 201	21 003 201	21 003 201
Suction hose 2 m	ø 32 mm	21 000 900	21 000 900	
Suction hose 2,5 m	ø 32 mm			21 152 100
Suction tube	ø 32 mm, 2 pieces needed	21 000 200	21 000 200	
Telescopic tube	ø 32 mm			21 151 801
Extension cable 10 m	signal colour orange	21 000 431	21 000 432	
Extension cable 15 m	signal colour orange			21 150 641
Upholstery tool	ø 32 mm	21 000 500	21 000 500	21 000 500
Crevice tool	ø 32 mm	21 000 600	21 000 600	21 000 600
Cloth bag standard	H7	21 000 300	21 151 030	21 151 030
Filter frame exhaust air filter			21 150 530	
Exhaust air filter			21 150 400	
Exhaust air filter HEPA (H14)	complete with filter frame			21 151 901
<b>ACCESSORIES "EXTRA"</b>		<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>
Fleece filter bag (PU 20 pcs)	pre-treated with bioneem	21 000 730	21 151 100	21 151 100
Fleece filter bag (PU 200 pcs)	pre-treated with bioneem	21 000 731	21 151 131	21 151 131
Cloth bag HEPA	H12	21 032 400		
Power brush air driven	ø 32 mm, 300 mm working width, only for fibre bonded floor coverings	21 015 200	21 015 200	21 015 200
Floor tool for hard floors	ø 32 mm, with brush strips 300 mm working width	21 017 500	21 017 500	21 017 500
Extension cable 15 m	signal colour orange		21 150 641	
Exhaust air filter HEPA (H14)	complete with filter frame		21 151 901	
Filter frame exhaust air filter				21 150 530
Exhaust air filter				21 150 400
Suction tube steel				21 000 200
<b>Electric brush-kit, consisting of:</b>				21 151 830
Electric brush	ø 32 mm, working width 275 mm			21 151 811
Suction hose	complete with bent tube, 2 m			21 151 812
Telescopic tube				21 151 813
Bayonet fitting				21 373 600

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# WET/DRY VACUUM CLEANERS

## SW 3000



<b>TECHNICAL DATA</b>		<b>SW 3000</b>		
Power W		1100		
Air flow max. l/s		54		
Low pressure max. mbar		210		
Volume tank l		44		
Volume filter bag l		10		
Suction hose m		2,5		
Mains cable m		12		
Dimensions l x w x h mm		Ø 410 x 630		
Weight kg		10		
Safety class		II		
Number of motors		1		
Standard equipment		with 1 set accessories "standard" for wet applications		
		<b>ART. NO.</b>		
		12 053 001		
<b>ACCESSORIES "Std."</b>		<b>ART. NO.</b>		
Suction hose 2,5 m	ø 40 mm, to suction tube 20179900	20 068 731		
Suction tube	ø 40 mm, to suction hose 20068731	20 179 900		
Squeegee tool 45 cm	ø 40 mm, with rubber blades	20 272 930		
Set rubber blades 45 cm	f. squeegee tool 20272930, PU 3pcs	20 259 531		
<b>ACCESSORIES "EXTRA"</b>		<b>ART. NO.</b>		
Suction hose 5 m	ø 40 mm, to suction tube 20179900	20 089 831		
Crevice tool	ø 40 mm, to suction hose 20068731	20 021 500		
Set rubber blades	f. squeegee tool 45 cm, PU 3 set	20 259 731		
<b>ACCESSORIES SW 3000 FOR DRY APPLICATIONS</b>		<b>ART. NO.</b>		
Suction hose 2,5 m	ø 40/30 mm	20 135 134		
Suction tube, 2 pcs	ø 30 mm	20 134 231		
Upholstery tool	ø 30 mm	20 133 600		
Crevice tool	ø 30 mm	20 133 500		
Reduction piece	ø 40/30 mm, for accessories with ø 30 mm	20 137 601		
Power brush	air driven	20 239 300		
Cloth filter		20 235 300		
Cloth filter special		20 236 800		
Filter bag connection		20 270 830		
Fleece filter bag	10 litres, PU 20 pcs	20 236 631		

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# WET/DRY VACUUM CLEANERS

SW 30|P/S

SW 50|P/S

SW 52|P/S

SW 53|P/S



TECHNICAL DATA	SW 30 P / S	SW 50 P / S	SW 52 P / S	SW 53 P / S
Power W	1200	1200	2400	3300
Air flow max. l/s	58	58	116	175
Low pressure max. mbar	240	240	240	240
Volume tank l	35 / 32	72 / 62	72 / 78	72 / 78
Volume filter bag l	15	25	25	25
Suction hose m	2,5	2,5	2,5	2,5
Mains cable m	12	12	12	12
Dimensions l x w x h mm	450x450x820 / 450x450x830	570x570x1030 / 520x520x960	650 x 590 x 1050	650 x 590 x 1050
Weight kg	13	20 / 19	29,5 / 30	32 / 32,5
Safety class	II	II	II	II
Number of motors	1	1	2	3
Standard equipment	with 1 set accessories "standard"	with 1 set accessories "standard"	with 1 set accessories "standard"	with 1 set accessories "standard"
	<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>
Tank plastic	12 930 101	12 950 101	12 952 101	12 953 101
Tank stainless steel	12 930 201	12 950 201	12 952 201	12 953 201
<b>ACCESSORIES "Std."</b>	<b>SW 30 / 50 / 52 / 53</b>	<b>ART. NO.</b>		
<b>Set accessories consisting of:</b>		20 587 930		
- Suction hose 2,5 m	ø 38 mm	20 539 202		
- Bent tube	ø 38 mm	20 648 000		
- Suction tube	ø 38 mm, 2 pieces needed	20 648 100		
- Squeegee tool	working width 40 cm	20 619 630		
- Floor tool	working width 40 cm	20 619 530		
- Crevice tool	ø 50 mm, only with reduction piece	20 539 700		
- Dust tool	ø 50 mm, only with reduction piece	20 619 700		
- Round tool/reduction piece	ø 38 / 50 mm	20 619 400		
Cloth bag complete SW 30 P		20 563 630		
Cloth bag complete SW 30 S		20 563 730		
Cloth bag complete SW 50 P / S, SW 52/53 P		20 563 830		
Cloth bag complete SW 52/53 S		20 520 330		
<b>ACCESSORIES "EXTRA"</b>	<b>SW 30 / 50 / 52 / 53</b>	<b>ART. NO.</b>		
Set squeegee blades	oil resistant	20 874 900		
Adapter		20 661 200		For the connection of squeegee tool, floor tool 20539630 and carpet floor tool 20568600 to suction tube 20648100
Floor tool special	incl. 1 set rubber blades+brush strips	20 661 130		
Carpet floor tool	only with adapter 20661200	20 568 600		
Upholstery tool	only with reduction piece 20539900	20 538 800		
Reduction piece	connection of uphol. tool 20538800	20 539 900		
Suction hose 5m	ø 38 mm, complete	20 562 831		
Suction hose 10m	ø 38 mm, complete	20 562 832		
Suction hose 15m	ø 38 mm, complete	20 562 833		
Set rubber blades (PU 3 set)	for squeegee tool 20619630	20 563 431		
Set brush strips (PU 3 set)	for floor tool 20619530	20 563 331		
Fleece filter bag	SW 30, PU 10 pcs	20 630 831		
Fleece filter bag	SW 50/52/53, PU 5 pcs	20 540 531		
Microfilter SW 52/53	(H 13)	20 519 700		as basic equipment ring 20519800 is needed additionally
Fixed squeegee tool 60 cm	suction hose 20540300 is needed	20 540 230		
Set rubber blades	PU 3 set	20 566 331		
Fixed floor tool 60 cm	suction hose 20540300 is needed	20 540 130		
Set brush strips	PU 3 set	20 566 431		
Suction hose for fixed tools		20 540 300		
Kit cyclone SW 53/53 S	for fine dust applications	20 624 100		

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# INDUSTRIAL DRY VACUUM CLEANERS

**IDV 13**

**IDV 20**



TECHNICAL DATA		IDV 13	IDV 20	
Power		230 V / 1,15 KW	230 V / 2,3 KW	
Air volume max. m³/h		180	360	
low pressure max. mm H2O		2500	2500	
Volume tank l		13	20	
Mains cable m		10	10	
Dimensions l x w x h mm		500 x 480 x 850	500 x 480 x 1100	
Weight kg		30	40	
Suction connection in mm		50	50	
Safety class		IP 44	IP 44	
Number of motors		1	2	
Standard equipment		Galvanized steel tank, epoxy coated, incl. cartridge filter class M, socket	Galvanized steel tank, epoxy coated, incl. cartridge filter class M	
		<b>ART. NO.</b>	<b>ART. NO.</b>	
		19 110 131	19 110 201	
<b>OPTIONALS</b> ex works fitting		<b>ART. NO.</b>	<b>ART. NO.</b>	
Electrical grounding		21 499 700Z	21 499 700Z	
Plug socket automatic switch-on for electric tools		21 499 100Z		
Filter dust class M Teflon			21 499 200Z	
Filter antistatic class M			21 499 300Z	
Filter dust class H		21 498 800Z	21 498 800Z	
Tank stainless steel V2A		21 498 900Z	21 499 500Z	
Tank stainless steel V2A & filter chamber		21 499 000Z	21 499 600Z	
<b>ACCESSORIES</b>		<b>ART. NO.</b>	<b>ART. NO.</b>	
<b>Set accessories "Standard" consisting of:</b>		21 468 130	21 468 130	
- Suction hose 2,5 m	ø 38 mm, complete	21 468 630	21 468 630	
- Suction tube	ø 38 mm, chromplated, 2 pieces	21 468 700	21 468 700	
- Floor tool with brush strips	ø 38 mm, working width 400 mm	21 468 800	21 468 800	
- Dust nozzle	ø 40 mm	21 468 400	21 468 400	
- Connection piece ø 50 mm	(f. conn. suction hose/vac nozzle)	21 468 500	21 468 500	
<b>Set accessories "Professional" consisting of:</b>		21 469 830	21 469 830	
- Suction hose 3m	ø 38 mm, complete	21 468 631	21 468 631	
- Suction tube	ø 38 mm, aluminium, 1 piece	21 469 600	21 469 600	
- Floor tool with brush strips	ø 38 mm, working width 430 mm	21 469 900	21 469 900	
- Dust nozzle	ø 40 mm	21 468 400	21 468 400	
- Aluminium lance	ø 40 mm	21 469 500	21 469 500	
- Handtool rubber	Conical, with connection (suitable to machine cleaning)	21 468 900	21 468 900	
- Connection piece ø 50 mm	(f. conn. suction hose/vac nozzle)	21 468 500	21 468 500	
Circular brush strip (1 piece)	for floor tool 21468800, 400 mm	21 468 600	21 468 600	
Brush strip (1 piece)	for floor tool 21469900, 430 mm	21 470 400	21 470 400	
Filter dust class M		21 478 700	21 478 400	
Filter dust class H		21 498 800	21 498 800	
Tank stainless steel V2A		21 498 900	21 499 500	
Filter dust class M Teflon			21 499 200	
Filter antistatic class M			21 499 300	

**Other lengths and diameters of hoses, special configurations, pre-separator, centralized vacuum systems and vacuum systems for Atex zones on request.**

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# INDUSTRIAL DRY VACUUM CLEANERS

**IDV 60**

**IDV 60 eco**

**IDV 100**



TECHNICAL DATA		IDV 60	IDV 60 eco	IDV 100
power		230 V / 3,45 KW	400 V / 2,2 KW	400 V / 5,5 KW
Air volume max. m³/h		540	330	550
Low pressure max. mm.H2O		2500	3000	3000
Volume tank l		60	60	100
Mains cable m		10	10	10
Dimensions l x w x h mm		580 x 600 x 1350	700 x 700 x 1600	620 x 1100 x 1500
Weight kg		70	80	100
Suction connection in mm		80	80	80
Safety class		IP 44	IP 55	IP 55
Number of motors		3	1	1
Standard equipment		Galvanized steel tank, epoxy coated, incl. star filter class L	Galvanized steel tank, epoxy coated, incl. star filter class L	Galvanized steel tank, epoxy coated, incl. star filter class L
		<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>
		19 110 601	19 110 611	19 111 001
<b>OPTIONALS</b> ex works fitting		<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>
Tank 100 l		21 500 100Z		
Tank stainless steel V2A		21 500 200Z	21 500 200Z	21 501 000Z
Tank stainless steel V2A & filter chamber		21 500 300Z	21 500 300Z	21 501 100Z
Filter dust class M		21 501 900Z	21 501 900Z	21 477 200Z
Filter dust class M Teflon		21 500 400Z	21 500 400Z	21 501 200Z
Filter antistatic class L		21 500 500Z		21 501 300Z
Filter antistatic class M		21 500 600Z	21 500 600Z	21 501 400Z
Filter dust class H		21 500 700Z	21 500 700Z	
Electrical grounding MT		21 500 800Z		21 501 500Z
Pressure control valve		21 500 900Z	21 500 900Z	21 501 600Z
<b>ACCESSORIES</b>		<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>
<b>Set accessories "Professional" consisting of:</b>		21 470 030	21 470 030	21 470 030
- Suction hose complete	ø 50 mm, complete, length 3,0 m	21 470 130	21 470 130	21 470 130
- Suction tube	ø 50 mm, aluminium, 1 piece	21 470 300	21 470 300	21 470 300
- Connection piece	steel, reduction 80/50 mm	21 469 400	21 469 400	21 469 400
- Aluminium lance, bent	ø 50 mm	21 470 500	21 470 500	21 470 500
- Floor tool with brush strips	ø 50 mm, working width 430 mm	21 477 800	21 477 800	21 477 800
Tank stainless steel V2A		21 500 200	21 500 200	21 501 000
Filter dust class L		21 476 900	21 476 900	21 476 500
Filter dust class M		21 501 900	21 501 900	21 477 200
Filter dust class M Teflon		21 500 400	21 500 400	21 501 200
Filter antistatic class L		21 500 500	21 500 500	21 501 300
Filter antistatic class M		21 500 600	21 500 600	21 501 400
Filter dust class H		21 500 700	21 500 700	
Brush strip (1 piece)	for floor tool 21477800, 430 mm	21 470 400	21 470 400	21 470 400

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# INDUSTRIAL WET VACUUM CLEANERS

IWV 80

IWV 80 pump

IWV 40|100



TECHNICAL DATA		IWV 80	IWV 80 pump	IWV 40 100
Power		230 V / 2,3 KW	230 V / 2,3 kW	230 V / 3,45 KW
Air volume max. m <sup>3</sup> /h		360	360	540
Low pressure max. mm.H2O		2500	2500	2300
Volume tank l		80	80	40 (solids)/100
Mains cable m		10	10	10
Dimensions l x w x h mm		500 x 480 x 1080	530 x 660 x 1080	580 x 600 x 1100
Weight kg		30	40	48
Suction connection in mm		80	50	80
Safety class		IP 44	IP 44	IP 44
Number of motors		2	2	3
Standard equipment		Galvanized steel tank, epoxy coated	Stainless steel chassis, suction head with submersible pump, access. fit only with connection piece 21468500.	Galvanized steel tank, epoxy coated, incl. chips basket 40 litres and filter PPL
		<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>
		19 120 801	19 120 802	19 121 001
		<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>
<b>OPTIONALS</b> ex works fitting				
Tank stainless steel V2A		21 499 800Z		21 499 900Z
Tank stainless steel V2A und chips basket				21 500 000Z
		<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>
<b>ACCESSORIES</b>				
<b>Set accessories "Standard" consisting of:</b>		21 469 030	21 469 030	
- Suction hose 3 m	ø 38 mm, complete	21 468 631	21 468 631	
- Suction tube	ø 38 mm, chrome plated, 2 pieces	21 468 700	21 468 700	
- Floor tool with brush strips	ø 38 mm, working width 400 mm	21 469 200	21 469 200	
- Lance PVC	ø 40 mm	21 469 100	21 469 100	
- Connection piece steel	reduction 80/50 mm	21 469 400	21 469 400	
<b>Set accessories "Professional" consisting of:</b>		21 469 330	21 469 330	
- Suction hose 3m	ø 38 mm, complete	21 468 631	21 468 631	
- Suction tube	ø 38 mm, aluminium, 1 piece	21 469 600	21 469 600	
- Floor tool with rubber blades (Silicon+PU)	ø 38 mm, working width 430 mm	21 469 700	21 469 700	
- Aluminium lance	ø 40 mm	21 469 500	21 469 500	
- Connection piece steel	reduction 80/50 mm	21 469 400	21 469 400	
Connection piece required for the connection of the accessories ø 50 mm			21 468 500	
Rubber blade	for floor tool 21469200, 400 mm	21 471 300	21 471 300	
Rubber blade (Silicon+PU)	for floor tool 21469700, 400 mm	21 476 700	21 476 700	
<b>Set accessories "Professional" consisting of:</b>				21 470 730
- Suction hose PU with steel spirals ø50 mm, 3,0 m				21 471 330
- Aluminium lance	ø 50 mm			21 471 200
- Hand tool rubber conic	with connection, ø 50 mm			21 471 100
- Connection piece steel	reduction 80/50 mm			21 469 400
- Bent connection	ø 50 mm			21 470 900
Tank stainless steel V2A				21 499 900
Tank stainless steel V2A und chips basket				21 500 000
Filter PPL 300 Micron	for separation of fine metal particles up to 300 micron			21 629 100

Other lengths and diameters of hoses, special configurations, pre-separator, centralized vacuum systems and vacuum systems for Atex zones on request.

In the EU the sale of columbus vacuum cleaners is restricted to commercial applications.

The sale to end users according to the German Civil Code (BGB) § 13 is not permitted.

Technical change subject to alteration. Prices valid from 01.12.2023

# TRAVELATOR / ESCALATOR CLEANING MACHINES

travel 600

step 110



<b>TECHNICAL DATA</b>		<b>travel 600</b>	<b>step 110</b>	
Rated Voltage V		230	230	
Power W		3000	2650	
Suction width mm		2 x 220	520	
Solution tank capacity l		15	20	
Recovery tank capacity l		15	20	
Brushes		4	18	
Step height min. mm			185	
Step height max. mm			235	
Low pressure mbar		300		
Dimensions l x w x h mm		1195 x 536 x 930	1094 x 540 x 1001	
Empty Weight kg		126	164	
Standard equipment			with brush set and hand accessories	
		<b>ART. NO.</b>	<b>ART. NO.</b>	
Trolley		19 060 001	19 070 001	
			21 284 730	
<b>OPTIONALS</b> ex works fitting			<b>ART. NO.</b>	
Touchdisplay step			29 080 001Z	
<b>ACCESSORIES</b>				
Hand accessories	consisting of hand brush, strip tool, several joint rakes	21 583 700	21 290 230	
Brush set	4 pieces	21 360 330		
Brush set	19 pieces		21 290 331	

# PADS

## SUPER PADS

### SPECIAL PADS

### ABRASIVE PAPER & GRINDING MESH

SUPER PADS		ART. NO.	ART. NO.	ART. NO.	ART. NO.
Super Pad black	PU 5 pieces	330 mm/13" 20 553 900	355 mm/14"	406 mm/16" 20 554 100	432 mm/17" 20 554 200
Super Pad blue	PU 5 pieces	20 253 800		20 043 300	20 254 500
Super Pad red	PU 5 pieces	20 253 900	21 028 302	20 043 400	20 031 600
Super Pad white	PU 5 pieces	20 930 400		20 043 500	20 031 700
Super Pad green	PU 5 pieces		21 028 301		
Super Pad black	PU 5 pieces	482 mm/19" 20 554 400	508 mm/20" 20 554 500	533 mm/21" 20 554 600	356 x 510 mm 21 664 100
Super Pad blue	PU 5 pieces	20 229 300	20 254 700	20 255 100	
Super Pad red	PU 5 pieces	20 229 400	20 254 600	20 255 200	21 663 500
Super Pad green	PU 5 pieces				21 663 400

MICROFIBRE PADS		ART. NO.	ART. NO.	ART. NO.	ART. NO.
One-sided use only		330 mm/13"	355 mm/14"	381 mm/15"	406 mm/16"
Microfiber pad white/blue	PU 5 pieces	20 255 400	21 028 303	20 255 500	20 255 600
Microfiber pad white/blue	PU 5 pieces	432 mm/17" 20 255 700	508 mm/20" 20 255 900	356 x 510 mm 21 663 600	

MELAMINE PADS		ART. NO.	ART. NO.	ART. NO.	ART. NO.
One-sided use only		330 mm/13"	370 mm/14,5"	410 mm/16"	430 mm/17"
Melamine pad grey-white	PU 5 pieces	21 384 000	21 384 100	21 384 200	21 384 300
Melamine pad grey-white	PU 5 pieces	508 mm/20" 21 387 700			

For the use of Microfiber and Melamine pads with scrubber dryers, the pad lock (Art. No. 20148200) is recommended.

SCRUB PAD				ART. NO.
Scrub Pad green		PU 4 pieces	356 x 510 mm	21 663 700

SPECIAL CLEANING WITH E 400JS				ART. NO.
Hi Pro Pad	Industrial cleaning	PU 5 pieces	381 mm/15"	20 252 800
Queen Bonnet Pad	Carpet cleaning	PU 5 pieces	432 mm/17"	20 356 100

THERMOPAD SYSTEM				ART. NO.
Queen Bonnet Pad		PU 5 pieces	432 mm/17"	20 356 100
Carpet Super Pad		PU 5 pieces	432 mm/17"	20 578 000
Agitator pad for carpet drying		PU 6 pieces	432 mm/17"	20 356 200

RESTORING OF PROTECTED FLOORS WITH HS 434				ART. NO.
Super Pad green		PU 5 pieces	432 mm/17"	20 811 900
Super Pad brown		PU 5 pieces	432 mm/17"	20 031 500
Super Pad blue		PU 5 pieces	432 mm/17"	20 254 500

ABRASIVE PAPER FOR E 400JS		ART. NO.	ART. NO.	ART. NO.	ART. NO.
Useable on both sides w. grinding disc Art. No. 20059042		K-G 16	K-G 24	K-G 30	K-G 40
Abrasive paper	372 mm	20 041 300	20 044 000	20 039 300	20 043 900
Abrasive paper	372 mm	K-G 60 20 043 800	K-G 80 20 043 700	K-G 100 20 043 600	

GRINDING MESH FOR E 400JS		ART. NO.	ART. NO.	ART. NO.	ART. NO.
Useable on both sides w. pad holder and super pad black		K-G 60	K-G 80	K-G 100	K-G 120
Grinding mesh	406 mm/16"	20 256 000	20 256 100	20 256 200	20 256 300
Grinding mesh	406 mm/16"	K-G 150 20 256 500	K-G 180 20 256 400		

\*PU = packing unit

Technical change subject to alteration.

<b>TWISTER PADS</b>		<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>
		102 mm/4"	127 mm/5"	152 mm/6"	203 mm/8"
Twister Pad, red	PU 2 pieces		21 017 104	21 017 204	21 017 304
Twister Pad, white	PU 2 pieces	21 017 003	21 017 103	21 017 203	21 017 303
Twister Pad, yellow	PU 2 pieces	21 017 002	21 017 102	21 017 202	21 017 302
Twister Pad, green	PU 2 pieces	21 017 001	21 017 101	21 017 201	21 017 301
		229 mm/9"	254 mm/10"	280 mm/11"	305 mm/12"
Twister Pad, red	PU 2 pieces	21 017 404	21 017 504	21 017 604	21 017 704
Twister Pad, white	PU 2 pieces	21 017 403	21 017 503	21 017 603	21 017 703
Twister Pad, yellow	PU 2 pieces	21 017 402	21 017 502	21 017 602	21 017 702
Twister Pad, green	PU 2 pieces	21 017 401	21 017 501	21 017 601	21 017 701
		330 mm/13"	355 mm/14"	380 mm/15"	406 mm/16"
Twister Pad, red	PU 2 pieces	21 018 004	21 043 800	21 043 514	21 018 304
Twister Pad, white	PU 2 pieces	21 018 003	21 043 700	21 043 513	21 018 303
Twister Pad, yellow	PU 2 pieces	21 018 002	21 043 600	21 043 512	21 018 302
Twister Pad, green	PU 2 pieces	21 018 001	21 043 500	21 043 511	21 018 301
		432 mm/17"	457 mm/18"	482 mm/19"	508 mm/20"
Twister Pad, red	PU 2 pieces	21 018 104	21 018 114	21 018 124	21 018 204
Twister Pad, white	PU 2 pieces	21 018 103	21 018 113	21 018 123	21 018 203
Twister Pad, yellow	PU 2 pieces	21 018 102	21 018 112	21 018 122	21 018 202
Twister Pad, green	PU 2 pieces	21 018 101	21 018 111	21 018 121	21 018 201
		533 mm/21"	610 mm/24"	355 x 508 mm/14"x20"	355 x 711 mm/14"x28"
Twister Pad, red	PU 2 pieces	21 018 214		21 584 204	21 584 304
Twister Pad, white	PU 2 pieces	21 018 213		21 583 603	
Twister Pad, yellow	PU 2 pieces	21 018 212		21 583 602	
Twister Pad, green	PU 2 pieces	21 018 211	21 018 611	21 583 601	
Twister Pad, grey	PU 2 pieces			21 583 600	
<b>TWISTER RETAIL PADS</b>		<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>	<b>ART. NO.</b>
		254 mm/10"	280 mm/11"	305 mm/12"	330 mm/13"
Twister Retail Pad, orange	PU 2 pieces		21 465 102	21 465 202	21 418 106
Twister Retail Pad, blue	PU 2 pieces		21 465 101	21 465 201	21 418 107
Twister Retail Pad, pink	PU 2 pieces	21 017 508	21 017 608	21 017 708	21 018 008
		355 mm/14"	380 mm/15"	406 mm/16"	432 mm/17"
Twister Retail Pad, orange	PU 2 pieces	21 418 206	21 465 302	21 418 306	21 418 406
Twister Retail Pad, blue	PU 2 pieces	21 418 207	21 465 301	21 418 307	21 418 407
Twister Retail Pad, pink	PU 2 pieces	21 043 708	21 043 518	21 018 308	21 018 108
		457 mm/18"	482 mm/19"	508 mm/20"	533 mm/21"
Twister Retail Pad, orange	PU 2 pieces	21 418 416	21 418 506	21 418 606	21 418 706
Twister Retail Pad, blue	PU 2 pieces	21 418 417	21 418 507	21 418 607	21 418 707
Twister Retail Pad, pink	PU 2 pieces	21 018 118	21 018 128	21 018 208	21 018 218
		599 mm/22"	610 mm/24"	686 mm/27"	711 mm/28"
Twister Retail Pad, pink	PU 2 pieces	21 584 808	21 018 618	21 584 568	21 584 668
		355 x 508 mm/14"x20"	355 x 711 mm/14"x28"	14"x32"	
Twister Retail Pad, orange	PU 2 pieces	21 584 206	21 584 306		
Twister Retail Pad, blue	PU 2 pieces	21 584 207	21 584 307		
Twister Retail Pad, pink	PU 2 pieces	21 583 608	21 584 308	21 584 708	
Twister Retail Pad, purple	PU 2 pieces	21 583 609			
Twister Retail Hand Pad, orange	PU 2 pieces	120 x 250 mm 21 418 716			
Twister Retail Hand Pad, blue	PU 2 pieces	21 418 717			

\*PU = packing unit

# PADS TWISTER



TWISTER HAND PADS		ART. NO.			
		120 x 250 mm			
Twister Hand Pad, red	PU 2 pieces	21 018 704			
Twister Hand Pad, white	PU 2 pieces	21 018 703			
Twister Hand Pad, yellow	PU 2 pieces	21 018 702			
Twister Hand Pad, green	PU 2 pieces	21 018 701			
Twister Hand Pad Xtreme	PU 2 pieces	21 505 700			

DCS-SYSTEM - HTC HYBRID PADS		ART. NO.	ART. NO.	ART. NO.	ART. NO.
		406 mm/16"	432 mm/17"	508 mm/20"	532 mm/21"
DCS Hybrid holder		21 018 400	21 018 401	21 018 601	21 018 403
DCS Hybrid Twister (star)	PU 2 pieces	21 018 600	21 018 402	21 018 602	21 018 603
DCS Hybrid element, black	PU 6 pieces	21 018 511	21 018 511	21 018 511	21 018 511
DCS Hybrid element, red	PU 6 pieces	21 018 512	21 018 512	21 018 512	21 018 512

TWISTER XTREME PAD TXP		ART. NO.	ART. NO.	ART. NO.	ART. NO.
		305 mm/12"	330 mm/13"	355 mm/14"	380 mm/15"
Twister Xtreme Pad - TXP	PU 2 pieces	21 018 801	21 018 802	21 018 803	21 018 804
		406 mm/16"	432 mm/17"	457 mm/18"	508 mm/20"
Twister Xtreme Pad - TXP	PU 2 pieces	21 018 805	21 018 806	21 018 807	21 018 808
		355 x 508 mm/14"x20"			
Twister Xtreme Pad - TXP	PU 2 pieces	21 018 809			

## DETERGENTS

	PH-VALUE	ART. NO.
<b>Carpet cleaner "Teppichreiniger 2000"</b> Surfactant-free carpet and textile cleaner for manual and machine cleaning and care of textile floor coverings. Ideally suited for use with in the thermo pad process. Extra foam-free and odourless. Ingredients: 5 – 15 % phosphates, preservatives, cleaning enhancers, and additives.	8,5	Packaging: 6 x 1 Liter, carton  21 732 000
<b>Roto-Escal</b> Detergent for use with the travel 600 and step 110 cleaning machines.		Packaging: 10 litres, canister  20 921 000



# GENERAL INFORMATION

## GENERAL TERMS OF CONDITIONS

Please see our general terms and conditions on our website [www.columbus-clean.com](http://www.columbus-clean.com)

With appearance of this price list V1/1-2024 all previous ones become invalid.  
The products shown on the pictures in this price list may be subject to technical alteration  
and may differ from the standard equipment.



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