

Optima 85/100 B – 90 S

**Robust and compact: suitable for any environment even the most difficult.
It is the ideal solution to clean wide commercial surfaces**



Optima 85/100 B – 90 S

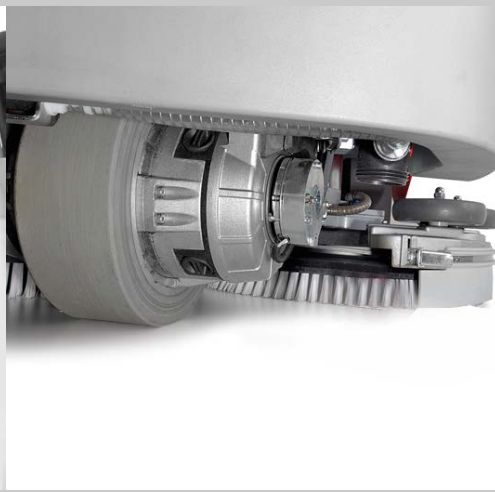


Optima 85/100 B

Optima 90 S

Some equipments are available on request

CONCEPT Easy to use



- Easy access
- Height-adjustable driver seat

- Automatic electrobrake
- High visibility and compact dimensions to easily go around obstacles

CONCEPT Easy to use



- Intuitive controls



- Forward/Backward
gear selector



- Working program
selector



- Eco device to reduce
consumption and
noise level pushing
only one button
- Automatic brush
coupling-uncoupling
(Optima 85/100 B)

Optima 85/100 B – 90 S

EFFECTIVE
in any situation



OPTIMA 85/100 B
Version with disc brushes
suitable for even floors
with no solid debris



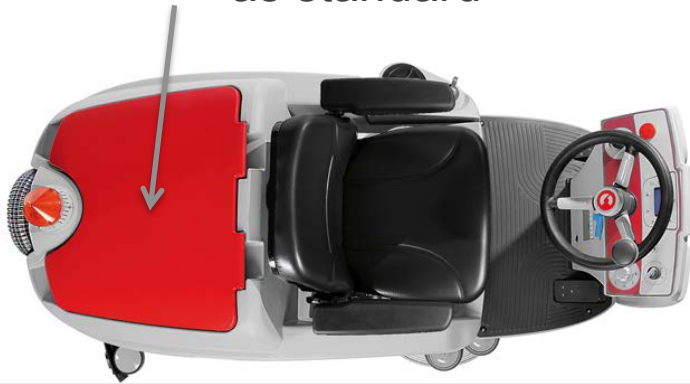
OPTIMA 90 S
Version with cylindrical brushes
suitable for uneven floors or
with small solid debris to collect



Optima 85/100 B – 90 S

EFFECTIVE

Double vacuum motor
as standard



Squeegee with different
widths: 1120 mm or 1315 mm



Antiskid and
non-marking
wheels as standard



Adjustable solution
flow

Adjustable brush
pressure

Optima 85/100 B – 90 S

EASY to arrange before and after work



Fast tank filling
(optional)



New dosing system with
button controls (optional)



Quick detergent
change

Optima 85/100 B – 90 S

EASY to maintain



Water filter
easy to clean

Simple cleaning of suction filter
and recovery tank

Fast tank emptying



Full accessibility
to the battery
compartment

Optima 85/100 B – 90 S

SAFE



High visibility, blinking light and front headlights with different light levels

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SAFE



Front-rear bumper and overhead guard (optional)

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SAFE



Access from both sides

Emergency
button



Horn



Optima 85/100 B – 90 S

COMPARISON

								
TECHNICAL DATA SCRUBBING MACHINES		COMAC Optima 85/100 B	HAKO B115R TB900	HAKO B910	TENNANT T12	TENNANT T16	NILFISK BR850S	KARCHER B 140 R 90
Acoustic level	dB(A)		66	66	62	68	68	70
Working width	cm	85/100	90	88	81	91	81	90
Disc brushes Ø (N.)	mm	430/520 (2)	(2)	460 (2)	405 (2)	460 (2)	405 (2)	460 (2)
Power supply	V	24	24	24	36	36	36	24
Solution tank	l	160	116	140	132	190	157	140
Recovery tank	l	160	116	140	166	227	157	140
Working capacity up to	m ² /h	5525/6500	5800	5300			5430	3600
Machine dimensions L x H x W	mm	1770x1260x890/1050	1660x1440x950	1910x1370x930	1710x1420x950	1880x1480x1040	1550x1350x880	1550x1340x940
Machine weight kg (without batteries)	kg	320	347	350	468	500	298	230
Squeegee width	mm	1120	1120	1100	990	1070	1050	1060
Brushes rpm	rpm	140	215	240	325	300	250	180
Brushes pressure	kg	85	-	60	114	114	113	0,48 N/cm ²
Brush motor (N.)	V/W	24/500 (2)	24/960	24/820 (2)	36/750 (2)	36/750 (2)	36/1130	24/600 (2)
Traction motor	V/W	24/1000	24/816	24/820	36/890	36/1200	36/1100	36/600
Type of drive		Aut.	Aut.	Aut.	Aut.	Aut.	Aut.	Aut.
Turning diameter	mm	2210/2360	2800	2800	1850	2110	1930	-
Forward speed	km/h	6,5	6,5	6	6,1	9,6	6,7	6
Max gradient at full load	%	10	10	10	20	20	-	10
Suction motor	V/W (n.)	24/310 (2)	24/528	24/550	36/610	36/560	36/560	36/800
Suction vacuum	mbar	190	170	170	165	165	170	140
Batteries	V/Ah C5	24/320	-		6x6/180	36/235	36/235	24/400
Batteries weight	kg	225	264	262	210	360	360	320
Total Power	Kw		3,26	3,5	3	3,26	2,82	3,1

Optima 85/100 B – 90 S

All the numbers of Optima 85/100 – 90 S

Technical data	Optima 85 B	Optima 100 B	Optima 90 S
Hopper capacity (l.)	-	-	12
Squeegee width (mm)	1120	1120	1120
Disc brushes Ø (mm) (No.)	430 (2)	510 (2)	-
Cylindrical brushes Ø (mm) (No.)	-	-	150-210x865 (2)
Brushes rpm (rpm)	140	140	777-560
Brush motors (V/W) (No.)	24/500 (2)	24/500 (2)	24/1500 (1)
Vacuum motor (V/W) (No.)	24/320 (2)	24/320 (2)	24/320 (2)
Traction motor (V/W)	24/1000	24/1000	24/1000
Suction vacuum (mbar)	190	190	190
Forward speed (km/h)	0÷8	0÷8	0÷8
Type of drive	Aut.	Aut.	Aut.
Battery compartment dimensions (L x h x w) mm	630 x 530 x 430	630 x 530 x 430	630 x 530 x 430
Max gradient at full load (%)	10	10	10
WET batteries (V/Ah)	24/320 (1)	24/320 (1)	24/320 (1)
Battery weight (kg)	225	225	225
Machine weight - without batteries (Kg)	320	320	330

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All the numbers of Optima 85/100 B

All the numbers of Optima 90 S



Working
width mm



Number of
brushes



Power supply
V/ traction



Solution
tank l



Recovery
tank l



Working
capacity
up to sq.m/h



Machine
dimensions mm
L x H x W

Electromagnetic
compatibility –
Emission standard
EN 6100-6-1, 2, 3, 4



Optima 85 B
Optima 100 B
Optima 90 S

850
1000
865

2
2
2

24/aut.
24/aut.
24/aut.

160
160
160

160
160
160

5500
6550
5600

1777x1265x892
1777x1265x1055
1777x1265x905

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