



Abila 17/20/42/52

Simple and practical battery-powered scrubbing machine.

**There is the single-brush version with 42 and 50 cm working width
and the 40 and 50 cm version with 2 disc brushes**


COMAC
professional people



Abila 17/20/42/52. **Suitable for maintenance cleaning** **of small to mid-sized and irregularly-shaped areas**

Abila 17/20/42/52 is an extremely quiet machine and therefore suitable for schools, hospitals and retirement homes since it complies with the strictest standards on noise pollution.

Suitable for maintenance cleaning, this machine can

perform good thorough cleaning by means of aggressive brushes or abrasive pads.

Abila 17/20/42/52 comes with brushes as standard equipment (ppl 0,6 mm).





Abila 17/20 with a single brush Abila 42/52 with two disc brushes

They come in two versions:

the single brush version (Abila 17/20), with batteries or 220-230 V power supply, and the battery powered two-brush version (Abila 42-52), with or without

traction. The version with automatic forward-backward traction is particularly suitable when working on slanted surfaces and it greatly improves washing power on dirty floors.



The scrubbing head of Abila 17/20 has a single brush with a practical brush coupling system for installation.

A brush stop system prevents the brush from coming unlocked when moving from one place to another.



The scrubbing heads with two contra-rotating brushes of Abila 42/52 and the single-brush of Abila 17/20 have adjustable inclination for better forward movement of the machine.

In addition, they can be lifted by a pedal for easier machine transfer and brush maintenance procedures. In the Bt versions the two brushes are completely horizontal which improves washing power



The water filling inlet is easily accessible and shaped to prevent splashing and equipped with filter system



The easy-to-reach spacious battery compartment can house two 12 V/77 Ah gel batteries that require no maintenance or traditional 105 Ah batteries



Built in battery charger kit on request, suitable for traditional and gel batteries



Both inclination and pressure of the squeegee rubber can be adjusted. The squeegee is fitted with two wheels which provide better stability during operation. The rubber elements can be used on both sides

The shock-resistant high-density polyethylene recovery tank is also removable for easier cleaning



TECHNICAL DESCRIPTION		Abila 17B	Abila 17E	Abila 20B	Abila 20E	Abila 42B	Abila 42BT	Abila 52B	Abila 52BT
Squeegee width	mm	660	660	660	660	660	660	660	660
Disc brushes Ø (No.)	mm	420 (1)	420 (1)	500 (1)	500 (1)	210 (2)	210 (2)	255 (2)	255 (2)
Brushes rpm	rpm	140	140	140	140	340	340	275	275
Brush motor	V/W	24/400	220-230/400	24/400	220-230/400	24/400	24/400	24/400	24/400
Suction motor	V/W	24/370	220-230/550	24/370	220-230/550	24/370	24/370	24/370	24/370
Traction motor	V/W	-	-	-	-	-	24/150	-	24/150
Suction vacuum	mbar	100	150	100	150	100	100	100	100
Max gradient at full load	%	2	2	2	2	2	10	2	10
Batteries	V/Ah C5	24/105	-	24/105	-	24/105	24/105	24/105	24/105
Batteries weight	kg	56	-	56	-	56	56	56	56
Mains lead	m	-	15	-	15	-	-	-	-

COMAC	Working width mm	Brushes pressure	Power supply V/ traction	Voltage V/ Frequency Hz/ traction	Solution tank l	Recovery tank l	Working width up to m²/h	Machine dimensions mm L x H x W	Machine weight kg (without batteries)
Abila 17B	420	20	24/ semi aut.	-	33	40	1470	1085 960 455	70
Abila 17E	420	20	-	220-230/50-60 110/60	33	40	1470	1085 960 455	70
Abila 20B	500	20	24/ semi aut.	-	33	40	1750	1160 960 455	72
Abila 20E	500	20	-	220-230/50-60 110/60	33	40	1750	1160 960 455	72
Abila 42B	400	20	24/ semi aut.	-	33	40	1400	1060 960 455	70
Abila 42BT	400	20	24/aut.	-	33	40	1600	1060 960 455	70
Abila 52B	500	22	24/ semi aut.	-	33	40	1750	1100 960 565	72
Abila 52BT	500	22	24/aut.	-	33	40	2000	1100 960 565	72

The machines are manufactured in compliance with the directives 2006/42/CE, 2006/95/CE, 2004/108/CE and with the standards IEC 60335-1 and IEC 60335-2-72.



The steel parts are subject to treatment which guarantees a long life and makes the parts oxidation-proof.

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KEY WORDS:



E - Mains-powered machine with voltage value



B - Battery powered machine with voltage value

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