

Professional floor scrubber-dryer for heavy and continuous operation.

Joker 5050 is a highly innovative, very high performance, low power consumption, continuous cycle and easy to use scrubber dryer.

With a 50 cm work track and approx. 50 litres of solution, it is the ideal scrubber dryer for environments from 500 to 1000 sq.m.

It is offered in 5 configurations, 2 of which with traction (forward).

Available with 2 lithium batteries, of your choice, with a minimum autonomy of 1 hour, up to 3 hours in harsh conditions in the Plus version.

It allows almost continuous use thanks to the very short charging times, eliminating the long charging times typical of Gel/AGM batteries.

The 36-month warranty is an indication of the reliability and longevity of the solid model proposed.

The Joker 5050 is the ideal solution for those looking for high performance, cutting-edge technology and a compact and versatile design for the professional cleaning industry.



Technical data

Description	JOKER 5050-e	JOKER 5050	JOKER 5050 Plus	JOKER 5050 FT	JOKER 5050 FT Plus
Code	F.512.0	F.510.0	F.511.0	F.520.0	F.521.0
Total installed power	850 W	850 W	850 W	950 W	950 W
Tank capacity (sol./rec.)	47 / 50 L	47 / 50 L	47 / 50 L	47 / 50 L	47 / 50 L
Sound pressure level	63.9 dB(A)	63.9 dB(A)	63.9 dB(A)	63.9 dB(A)	63.9 dB(A)
WASHING					
Working width/ squeegee	508 mm / 2x10" - 580 mm	508 mm / 2x10" - 580 mm	508 mm / 2x10" - 580 mm	508 mm / 2x10" - 580 mm	508 mm / 2x10" - 580 mm
Brush speed	220/290 rpm	220/290 rpm	220/290 rpm	220/290 rpm	220/290 rpm
Motor power	500 W	500 W	500 W	500 W	500 W
Weight on head	30 kg max	30 kg max	30 kg max	30 kg max	30 kg max
Solution flow rate	0-2 l/min	0-2 l/min	0-2 l/min	0-2 l/min	0-2 l/min
Hourly yield at 2km/h	1000 sqm/h	1000 sqm	/h	1000 sqm/h	1000 sqm/h
SUCTION					
Turbine motor power	350 W	350 W	350 W	350 W	350 W
TRACTION					
Motor power				100 W	100 W
Maximum slope				2%	2%
POWER SUPPLY - VOLTAGE					
	AC - 230V 50Hz	DC - 54.6V	DC - 54.6V	DC - 54.6V	DC - 54.6V
Lithium battery		13 Ah	19,2 Ah	13 Ah	19,2 Ah
Battery charger		5A	5A	5A	5A
Autonomy /charging times		1.5h / 2.5h	3h / 4h	1.5h / 2.5h	3h / 4h
WEIGHT AND DIMENSIONS					
Dimensions (closed)	900x590x1100	900x590x1100 mm	900x590x1100 mm	900x590x1100 mm	900x590x1100 mm
Packaging dimensions	975x625x1065	975x625x1065	975x625x1065	975x625x1065	975x625x1065
Net weight /packed	67 / 79 kg	67 / 79 kg	70 / 82 kg	72 / 84 kg	75 / 87 kg

Features and benefits of the JOKER 5050

Power and efficiency in a compact design

Simple, lightweight and easy to handle, thanks to the lithium battery, which guarantees maximum autonomy and high performance.

HEPA H13 filter as standard: retains fine particles improving air quality and ensuring a healthier working environment.

Independent turbine, designed for effective suction and quick drying of surfaces.

Flexible power supply and maximum versatility

Available in two variants:

Cable version, with dedicated current transformer.

Lithium battery powered version, with two configurations available for different operational needs.

Ergonomic design and ease of use

Handy, compact and lightweight, perfect for cleaning small spaces, such as **medium-sized supermarkets, industries, warehouses, commercial buildings and public buildings**.

JOKER 5050 is available with or without traction (forward gear -FT-).

Flush-wall cleaning in both running directions, with an **ergonomic and comfortable handle** that reduces operator fatigue.

Easy to transport in vans or minivans, perfect for cleaning and facility management companies.

Advanced technology for energy savings

Innovative and highly reliable electronic board: **2 levels of washing power** to adapt to different dirty conditions.

3 levels of suction power, for optimal drying and immediately walkable floors.

Adjustment of the flow rate of the solution, for targeted use and reduced consumption.

On request, the detergent can be adjusted with a special accessory on request.

Sustainability and reduction of environmental impact: **80% recycled plastics**, compliant with ESG standards for greater sustainability.

Patented KlinMak system: a single motor to drive 2 brushes, drastically reducing energy consumption.

Simplified maintenance and patented innovation: **patented brush release system**, quick and intuitive for tool-free replacement.

Low maintenance costs, thanks to the use of durable and high-efficiency components.

Accessories on request and consumables

Code	Description	Line
H.052.0	KIDO - JOKER 2040 and 5050 dosing unit	Machine accessories
H.163.0	Counter kit for JOKER / MINI without traction	Machine accessories
H.163.1	Counter kit for JOKER / MINI with traction	Machine accessories
H.081.0	Power supply unit 110-230V - 48Vdc/17A	AC power supply
H.043.0	Li-ion battery pack 48V 13Ah	Batteries
X.103.0	Battery charger for Lithium 54.6V 3A - 110/230V - 50/60Hz	Battery charger
H.044.0	Li-ion battery pack 48V 19,2Ah	Batteries
X.075.0	Battery charger for Lithium 54.6V 5A - 110/230V - 50/60Hz	Battery charger
X.094.0	Battery Charger for Lithium 54.6V 8A - 110/230V - 50/60Hz	Battery Charger
G.021.0	Rubber front dryer - Washing track 50cm	Drying lips
G.104.0	Rear drying rubber - Linatex, thickness 2.6mm - Washing track 50cm	Drying lips
G.034.0	Anti-oil front dryer rubber - Washing track 50cm	Drying lips
G.035.0	Anti-oil rear dryer rubber - Washing track 50cm	Drying lips
Y.097.0	Neodymium magnet, round d.25 height 8	Brushes/pad holders
D.075.0	Toothed brush 10" - Hub x magnet - Black 0.5 mm PPL	Brushes/pad holders
D.076.0	Toothed brush 10" - Hub x magnet - Blue 0.7 mm PPL	Brushes/pad holders
D.077.0	Toothed brush 10" - Hub x magnet - White 0.9 mm PPL	Brushes/pad holders
D.078.0	Toothed brush 10" - Hub x magnet - Tynex 320 Grit	Brushes/pad holders
D.079.0	Toothed drive disc 10" - Hub x magnet	Brushes/pad holders
D.075.M	Toothed brush 10" - WITH magnet - Black 0.5 mm PPL	Brushes/pad holders
D.076.M	Toothed brush 10" - WITH magnet - Blue 0.7mm PPL	Brushes/pad holders
D.077.M	Toothed brush 10" - WITH magnet - White 0.9 mm PPL	Brushes/pad holders
D.078.M	Toothbrush 10" - WITH magnet - Tynex 320 Grit	Brushes/pad holders
D.079.M	Toothed drive disc 10" - WITH magnet	Brushes/pad holders
D.029.0	Pack of 10 pads - Size 10" - Black colour	Brushes/pad holders
D.030.0	Pack of 10 pads - Size 10" - Green colour	Brushes/pad holders
D.031.0	Pack of 10 pads - Red colour	Size 10" - Brushes/pad holders
D.032.0	Pack of 10 pads - Size 10" - White colour	Brushes/pad holders
D.103.0	Melamine disc with 10" support - Pack 4pcs	Brushes/pad holders
D.109.0	10" SECTORGUM disc - Pack 4pcs	Brushes/pad holders

Notes

All KlinMak floor scrubber-dryers are equipped with brush coupling magnets, but are free of brushes / puller discs

Frame and squeegee

in stainless steel on request (MOQ 10)

Standard colours:

Black green cover
Red black cover
All black

Other colours:

on request (MOQ 10)

