

Market Launch



1.100-207

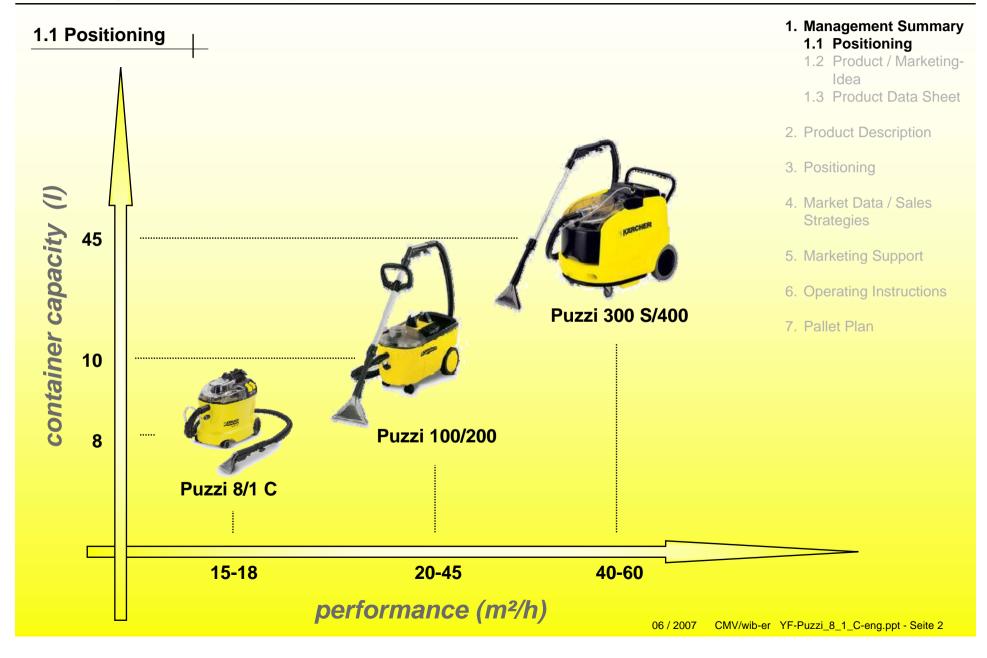
1.100-209

Puzzi 8/1 C *EU

Puzzi 8/1 C *GB

- 1. Management Summary
- 2. Product Description
- 3. Positioning
- 4. Market Data / Sales Strategies
- 5. Marketing Support
- 6. Operating Instructions
- 7. Pallet Plan

1. Management Summary





1. Management Summary:

1.2 Product- / Marketing Idea:

Positioning

 With the Puzzi 8/1 C we round off our existing commercial sprayextraction cleaner range with a powerful machine in the entry sector.

Customer benefit

This spray-extraction unit can be used efficiently for upholstery cleaning or for spot cleaning on carpeted floors. Because of the very low residual moisture, cleaned carpets and upholstery can be used again soon.

Target groups

Main target groups for the Puzzi 8/1 C are hotels, restaurants, automotive as well as contract cleaners and car detailers.

Market

◆ The current world market potential in the entry sector is about 85.000 machines and further increase is expected. Our target is to safe a market share of 18 % within 3 years and afterwards to extend it.

1. Management Summary

1.1 Positioning

1.2 Product / Marketing Idea

1.3 Product Data Sheet

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1. Management Summary

1.3 Product Data Sheet Puzzi 8/1 C

Sprühextraktionsgerät / Spray extraction cleaner

Puzzi 8/1 C



Puzzi 8/1 C



Technical Data

Power rating max.:
Air flow rate max.:
Vacuum max.:
Spray pressure:
Spray rate max.:
Container capacity:
Weight:
1380 W
61 l/s
23.0 KPa
1.0 bar
1.0 l/min
8 / 7 l
9.0 kg

Market launch: week 31/2007

Customer Benefits

- ⇒ Powerful and compact spray extraction unit for smaller carpet areas and upholstery cleaning
- ⇒ Best residual moisture result of all comparable competitive products
- ⇒ This enable a perspicuously faster re-entering time on carpets
- ⇒ Power cord can be stored on the fold-out hook
- ⇒ Storage possibility for hand tool

Product Idea

Compact spray extraction unit for commercial applications in the target groups: contract cleaner, shops and boutiques, hotels, for upholstery cleaning in the automotive sector as well as in the rental business

ALG net indication: xxx,-- €

Order No.: 1.100-207 *EU

Basic Accessories



Hand tool



2.5 m Spray-/suction hose

Accessories optional

- Metal-floor tool
- Hard-surface adapters
- Hard surface tool
- RM 760 Tabs
- RM 760 Powder
- RM 767 Dry & ex

1. Management Summary

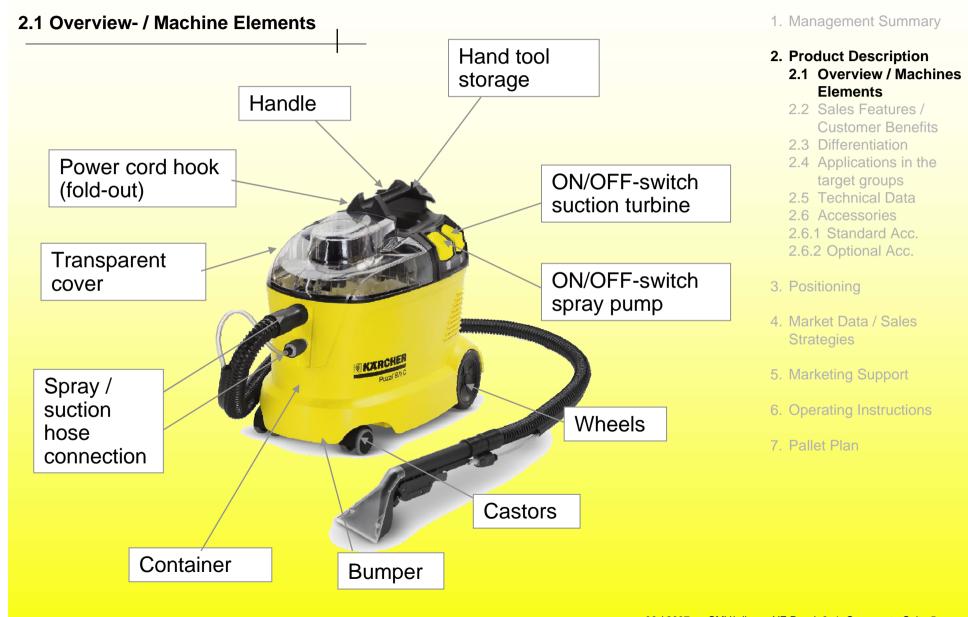
- 1.1 Positioning
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1.3 Product Data Sheet

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2.2 Sales Arguments / Customer Benefit

Transportation

Because of the large handle at the top of the machine, the Puzzi 8/1 C can be transported easily and balanced in one hand.

The floor tool (optional accessory) can be fixed in the grip jacket accordingly.





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2.2 Sales Arguments / Customer Benefit

Fold-out hook

Power cord storage

The wound up power cord can be fastened easily at the integrated fold-away hook at the top of the machine.

Spray / suction hose storage

While transporting the machine, the spray/ suction hose can also be fixed at the hook. Therefore the hose can't hang down and cause stumbling.



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2.1 Overview / Machines Elements

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2.2 Sales Arguments / Customer Benefit

Hand tool storage

The hand tool can be clipped onto a holding, which is integrated at the machine. Thus it is stored loss-proof at the machine and can be adopted easily if required.





1. Management Summary

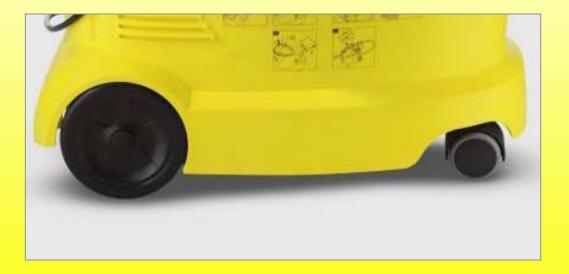
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2.2 Sales Arguments / Customer Benefit

Chassis

- By the large two rear wheels and the two front castors the Puzzi 8/1 C
 can be trailed simply during the cleaning process.
- This enables excellent coasting attributes even at uneven surfaces.



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2.2 Sales Arguments / Customer Benefit

Foot-operated switches

- The two ergonomically at the machine integrated foot switches can be reached easily without the need for stooping.
- Both switches for the suction turbine and for the pump can be switched on independently from each other.





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2.2 Sales Arguments / Customer Benefit

Large transparent cover

- By the large transparent cover which is installed on top of the machine, the user can control the throughput of the machine during the whole cleaning process.
- The suction tower causes an optimal separation of the dirty water from the suction air.



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2.2 Sales Arguments / Customer Benefit

Removable bucket

The bucket for dirt water can be removed and depleted easily. Additionally it can be used for fresh water refilling before the cleaning process starts.



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2.2 Sales Arguments / Customer Benefit

Fresh water tank

- ◆ The fresh water in the fresh water tank cannot overflow, because of the splash protection which is installed around the whole tank, even during larger movements of the machine.
- ◆ Because of the flat inside surface it can be cleaned easily. The filter insert is simply approachable.



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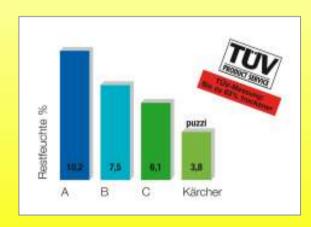


2.2 Sales Arguments / Customer Benefit

Back throughput

- ◆ Because of the stream opportune tool geometry and the large air duct the Puzzi 8/1 C achieves an excellent throughput.
- ◆ Thereby the cleaned carpet areas can be re-entered quickly, long term prejudice of the access is a thing of the past.
- ◆ The Puzzi 8/1 C achieves the best residual moisture result of all comparable competitor products.





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2.2 Sales Arguments / Customer Benefit

Dry run protection

The Puzzi 8/1 C has got a high quality reciprocating plunger type pump. Thus the pump cannot be damaged during a dry run.

Capped suction turbine

By the special capped suction turbine and the integrated convolution ground, which slows down the exhausted air, the noise level remains low during the cleaning process. Thereby the machine can also be used during daytime without big noise pollution.



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2.2 Sales Arguments / Customer Benefit

Accessory

- The water conduit is integrated directly at the flexible suction hose and thus protected against damage. Furthermore there is no hanging down or wrapping of the hose.
- Robust couplings, which can be opened and closed according to the "Gardenaprinciple", guarantee an easy change of each accessory.



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2.3 Differentiation







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Main target groups	Puzzi 8/1 C Hotels Restaurants Automotive Car detailers	Puzzi 100 Hotels Restaurants Contract cleaners Retailers	Puzzi 200 Hotels Contract cleaners Municipalities
Main applications	 Upholstery cleaning Chairs Car seats Sofa Mattresses Spot removal Fabric covered walls 	Carpet cleaningHotel roomsOfficesShops	Carpet cleaningHotel roomsCorridorsLobbies
Area performance	■ 15 - 18 m²/h (with optional floor tool)	■ 20 - 25 m²/h	■ 30 - 45 m²/h (with PW 10 40 – 60 m²/h



2.4 Application in the target groups



- Because of its low weight and compact size the Puzzi 8/1 C can be transported quickly from one location to the next. Thus its convenient for the cleaning process in between for hotels and pensions.
- The Puzzi 8/1 C can be used on all carpeted floors and upholstery for targeted spot cleaning, as well as the fiberdeep through cleaning.



- Smaller carpet areas in shops and boutiques can be cleaned easily and fast with the Puzzi 8/1 C and can be reentered short-time after the cleaning. Hindrances like hallstands or other fitment can be driven round easily.
- With the hand tool of the Puzzi 8/1 C also upholstery in the automotive sector can be cleaned quickly and does not need much time to dry, because of the high throughput.

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2.5 Technical data

Puzzi 8/1 C		
Max. power rating	W	1380
Air flow rate	l/s	61
Vacuum	KPa	23.0
Container capacity (Fresh/Dirty water)	I	8.0 / 7.0
Max. spray rate	l/min	1.0
Max. spraying pressure	bar	1.0
Cable length	m	7.5
Noise level	dB (A)	71
Weight	kg	9.0
Dimensions (LxWxH)	mm	530 x 330 x 440

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2.6 Accessory

2.6.1 Standard accessories Puzzi 8/1 C |

Standard accessory	quantity	Description	Part number	available
Spray suction hose	1	2,5 m	6.391-410	ex start of production
Hand tool	1	Upholstery cleaning	4.130-116	ex start of production





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2.6 Accessory

2.6.2 Optional accessories Puzzi 8/1 C

Optional accessory	Description	Part no.	Availability
Floor tool with handle	Plastic	4.130-127	ex start of production
Floor tool with handle	Metal	4.130-394	ex start of production
Spray suction hose	4 m	6.391-411	ex start of production
Hard surface adapter	For floor tool	4.762-220	ex start of production
Hard surface adapter	For hand tool	4.762-219	ex start of production
Hand tool	Louvre blinds cleaning	4.130-083	ex start of production
Window cleaning kit	2 m hose	2.638-778	ex start of production
Stair tool		4.130-128	ex start of production
Stone carpet/ hard surface tool		4.130-117	ex start of production
RM 760 press & ex Powder	800 g	6.290-175	ex start of production
RM 760 press & ex Tablets	16 tablets	6.290-828	ex start of production
RM 767 dry & ex	10	6.295-198	ex start of production
RM 762 Care tex	51	6.290-002	ex start of production







Detailed detergent (see enclosure)

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3.1 Competitors

	Puzzi 8/1 C	Cleanfix TW 300 S	TMB Extract P 12	Numatic CTT 370
Transportation comfort	Light weight machine, ergonomic handle, suction tube, hose and power cord can be fixed at the machine.	Light weight machine, transported at a handle like a bucket, handle carves in the hand. Tube, hose and power cord have to be transported apart.	Machine is very heavy, handle carves in the hand. Tube and hose have to be transported apart.	Light weight machine with tube and hose. Tube can be put inside the handle, hose hangs down during transportation.
Transportation with accessory	Hand tool can be stored at the back of the machine. Power cord can be fixed at the hook.	Accessory can not be stored at the machine, has to be transported apart.	Only power cord can be stored at the machine, other accessory has to be transported apart.	Suction tube and power cord can be stored at the machine, other accessory has to be transported apart.
Chassis			-	
	2 large wheels at the back, 2 castors in the front	4 castors	4 castors	2 large wheels at the back, 2 castors in the front

^{*} measured data from Kärcher test facility



3.1 Competitors

	Puzzi 8/1 C	Cleanfix TW 300 S	TMB Extract P 12	Numatic CTT 370
ON/OFF – switch	2 switches (spray pump/ suction turbine). Large foot-operated switches on top of the machine.	2 switches (spray pump/ suction turbine). Small switches at the bottom of the machine, switches to small for appliance with foot.	2 switches (spray pump/ suction turbine). Small switches on top of the machine, user has to stoop.	2 switches (spray pump/ suction turbine). Small switches on top of the machine, user has to stoop.
Transparent Cover	Large transparent cover. User can control dirty water during the cleaning process.	Large round transparent cover. User can control dirt water during the cleaning process.	Not available. No controlling of the throughput possible.	Not available. No controlling of the throughput possible.



3.1 Competitors

	Puzzi 8/1 C	Cleanfix TW 300 S	TMB Extract P 12	Numatic CTT 370
Power cord storage				
	Power cord can be fixed at the fold-out hook.	Not available	Power cord can be stored at the cable hook on one side of the machine.	Power cord can be winded badly around the handle.
Suction tube with Spray water line			#)))	
	Spray water line integrated at the hose and into the tube.	Spray water line hangs down, bad fastening.	Spray water line integrated at the hose and into the tube.	Spray water line tightened fixed at the tube, integrated into hose.
Filling of fresh water tank				
	Separately from the dirt water tank. Could be filled with dirt water bucket.	Container of the machine can be filled with dirt water tank.	Small, half-round, removable fresh water tank with handle, in dirt water container.	Round fresh water tank, removable, can be carried and depleted like bucket, inside dir water container.

^{*} measured data from Kärcher test facility



3.1 Competitors

	Puzzi 8/1 C	Cleanfix TW 300 S	TMB Extract P 12	Numatic CTT 370
Dirt water depleting	Dirt water tank could be depleted by removable bucket.	Dirt water tank can be removed and depleted at the handle.	The whole container with the chassis has to be depleted.	The whole container with the chassis has to be depleted.

^{*} measured data from Kärcher test facility

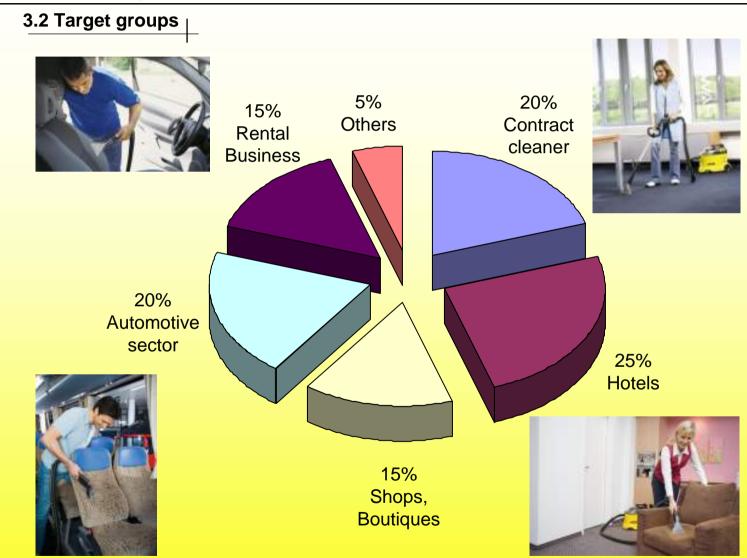


3.1. Competitors 3.1.2 Technical comp	arison	Puzzi 8/1 C	Nilfisk Alto TW 300 Car	TMB Extract P 12	Numatic CTT 370	
1.Technical Data						
Motor rating (max.)	W	1380	1047*	1200*	1200*	
Vacuum	kPa	23,0	21,3*	15,8*	23,4*	
Air flow rate	l/sec	61	53*	65*	48*	
Tank capacity (Freshwater)	I	8,0	5,9 *	3,7*	5,8*	
Tank capacity (Dirtwater)	1	7,0	8,1*	24*	19*	
Weight (without accessories)	kg	9,0	8,1*	8,2*	8,8*	
Noise level	db (A)	71	69*	77*	71*	
Power cord length	m	7,5	7*	7*	10	
Dimensions lxwxh	mm	530 x 330 x 440	415 x 404 x 527*	390 x 396 x 547*	355 x 510 x 370*	
2. Accessories						
Hose ID	mm	32	35	35	35	
Suction hose	m	2,5	3	2,5	3,5	
Upholstery tool		X	X	X	X	
Floor tool	mm	optional 230 mm	optional	X	optional	
3. Features						
Accessory clip		Х				
List price machine in Germany	€		455,-	299,-	329,-	

^{*} measured data from Kärcher test facility

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3. Positioning



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- 3.1.2 Technical comparison

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4. Sales Strategies

- Qualified Kärcher specialist dealer
- Direct Sales to the key accounts of the main target group contract cleaners and hotels
- Purchasing associations of hotels and restaurants (gastronomy demand)
- Wholesalers for contract cleaners (IGEFA)
- Trading support through selective marketing measures to smaller contract cleaners and hotels
 - Advertisements in professional journals
 - Direct Mailing
 - Proposals for promotions

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5. Marketing-Support / PR-News

Brochure Puzzi 8/1 C

Part number: 0.015-013

Puzzi 8/1 C



Kurze Trockenzeit und fasertiefe Reinigung:

Das kompakte Sprühextraktionsgerät für Polster und kleine Teppichflächen



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6. Operating Instructions

6.1 Language Volume of Operating Instructions

- **X** German
- English
- X French
- X Italian
- Spanish
- **X** Portuguese
- X Dutch
- X Greek
- X Turkish

- Swedish
- X Finnish
- Norwegian
- X Danish
- Estonian
- Lettish
- Lithuanian
- 🔀 Russian
- Ukrainian
- **Polish**

- Hungarian
- X Czech
- X Slovak
- Slovenian
- **Rumanian**
- Croatian
- Serbian
- Bulgarian
- Japanese

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x = available



6. Pallet Plan

		Puzzi 8/1 C
Dimensions (LxWxH)	mm	
- Pallet		1200x800x144
- Carton box		591x397x491
- Total height		2108
Weight (app.)	kg	
- Machine		13,5
- Pallet		236
Machine per Pallet	Pcs.	16
- Layers per pallet		4
- Machines per layer		4



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