

# Accessories for Dynajet-High-Pressure Cleaners



The quality of the accessories always finally determines how successful cleaning is going to be. This is why correspondingly high-quality material should be used.

Dynajet-accessories have been especially selected for the field and guarantee optimum conditions for your application.



# Dynajet-High-Pressure Cleaners – from professionals for professionals.



In almost all domains in industry nowadays cleaning problems and applications arise which are both time-consuming and involve a lot of work – thereby causing enormous costs. One of the most efficient cleaning solutions is offered by the high-pressure water jet technology.

The two hot water high-pressure cleaners Dynajet 500<sup>th</sup> with 500 bar water pressure and the smaller Dynajet 350<sup>th</sup> with 350 bar water pressure.

Dynajet-cleaners are powerful high-pressure cleaners for professional use. The very compact units that have been well-thought out right down to the smallest detail, are especially ideal for cleaning professionals, refurbishing companies and for anyone who wishes to use a modern and powerful high-pressure cleaner.

Very decisive for the success of a cleaning job, however, are the accessories used. Below we have listed the Dynajet accessories – independently of the type of operation.



The two hot-water high-pressure cleaners Dynajet 500<sup>th</sup> with 500 bar water pressure and the smaller Dynajet 350<sup>th</sup> with 350 bar water pressure.

We distinguish between 5 main types of operation:

- Cleaning of parts
- Cleaning of surfaces and floors
- Deep and special removal of surfaces
- Cleaning of pipes and sewers
- Others

The individual parts are described and allocated to the respective types of machine. If you should, however, still be unsure or have any questions, please get in touch with us directly +49 71 27 599 473 – or ring your nearest Dynajet agent or visit us in the internet [www.dynajet.de](http://www.dynajet.de)



Here you can see two of the compact cold-water high pressure cleaners – called Trolleys with petrol-drive (on the left the Dynajet 350<sup>th</sup>) and electric-drive (on the right the Dynajet 280<sup>th</sup>).

## Hot water – the 3<sup>rd</sup> dimension of high-pressure cleaning

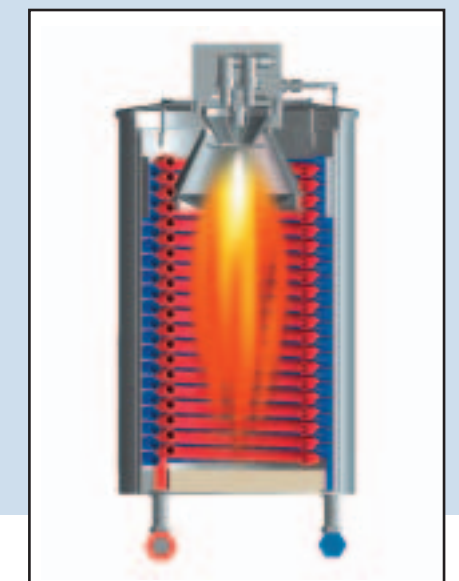
A characteristic feature of the Dynajet-high-pressure cleaner is its partially integrated or Dynabox powerful burner. These heat the water on request to 130° C.

Combined with the high-water-pressure, the Dynajet high-pressure cleaners attain cleaning performances for which otherwise very much larger and more expensive units would be required.

Here one talks about the 3<sup>rd</sup> dimension of high-pressure cleaning.

Partially hot water must be used for certain applications (e.g. graffiti on sandstone) as the surface does not allow for too high a water pressure.

The photo on the right shows the schematic design of the burner in which the water is heated on the pressure side in a spiral.





# Part Cleaning

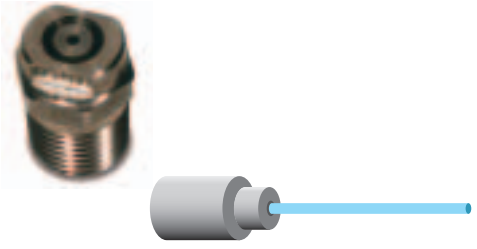
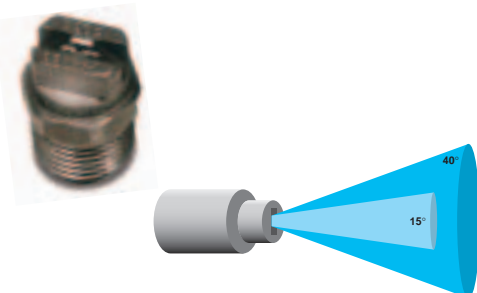
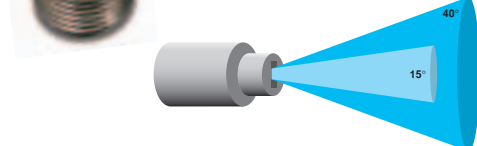

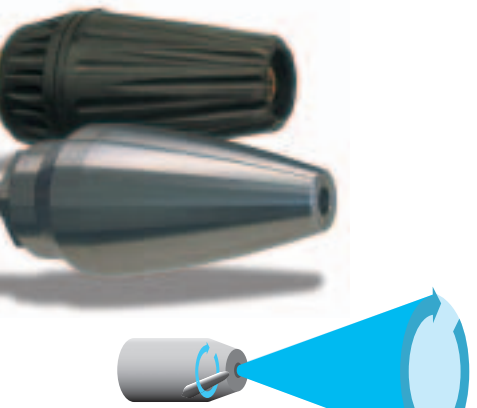





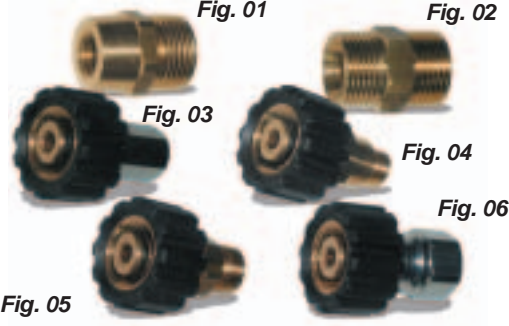
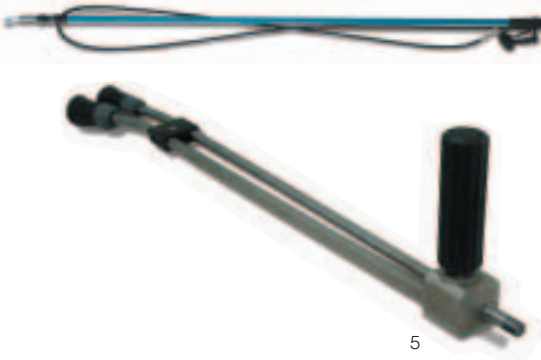
The term „Part Cleaning“ comprises many different possible applications.

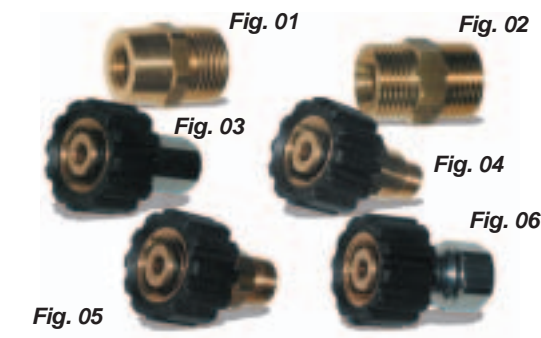
Depending upon the cleaning object and the area of application mobile, stationary or high-pressure cleaners and systems integrated in a manufacturing process can be used.

- Cleaning vehicles
- Cleaning machines
- Cleaning scaffolding
- Cleaning casting moulds
- Removing grease from conveying belts
- Removal of plastic layers

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Figure	Description	Techn. Data	Dynajet-models						Part no.
			150°	280°	350°	350°	350°	500°	
	<b>Omnidirectional jets</b>	<b>Nummer</b>							
	■ effective spot jet with very strong depth effect	0015	○					427 333	
	■ for small surfaces	0035		○	○			414 019	
	■ very high impact force	0045				○	○	427 135	
	<b>Flat flow jets</b>	<b>Nummer</b>							
	<b>15° flow angle (standard)</b>	1515	○					425 853	
	■ for universally powerful cleaning of surfaces	15034		○	○			414 016	
	■ for large surfaces	15045				○	○	421 132	
	<b>15° flow angle (power)</b>	1515	○					414 015	
	■ with swirl chamber for increased performance	15035		○	○			414 014	
		15045				○	○	427 406	
	<b>40° flow angle</b>	4015	○					427 137	
	■ for very large surfaces	40034		○	○			427 138	
	■ for sensitive surfaces	40045				○	○	427 140	
		40050					○	427 141	
	<b>Steam jet</b>	15025			○			414 018	
	<b>Rotating jet</b>								
	■ Rotating-spot jet driven by recoil, very powerful	up to 150°C							
	■ for most difficult sedimentation	1/4" FI							
	■ the further the jet is away from the object, the greater the surface performance is			○				414 024	
	■ ideal for removing plaster					○	○	427 498	
							○	427 149	

Part no.	Dynajet-models						Techn. Data	Description	Figure
	150°	280°	350°	350°	350°	500°			
414 025 427 589	○	○					PN 350 bar 1/4" FI	as previously, but manual speed adjustment is available to adapt to the work required ■ ideal for sensitive or alternating surfaces and applications	
414 021	○	○	○	○	○	○	PN 500 bar 1/4" NPT - 1/4" FI	<b>Jet carrier</b> ■ between high-pressure gun and jet cpl. with protection ■ for direct screwing onto jets with 1/4" NPT thread	
426 840 426 841	○	○	○	○	○		PN 350 bar PN 500 bar  up to 150° C	<b>High-pressure guns</b> ■ safe working though integrated servo closed-in valve and safety catch to lock the drawing device ■ Cpl. with 300 mm steel pipe, insulated and quick-action coupling ■ hose connection M22x1.5 FE	
427 320 427 324	○	○	○	○	○	○	PN 350 bar PN 500 bar length 25 m	<b>Extension hose</b> ■ To extend the high-pressure hose on the hose drum ■ Connections on both sides M22x1.5 FI	
427 197 427 518 427 587 427 586 427 585 427 534	○	○	○	○	○	○	M22x1,5 FE 1/4" IG M22x1,5 FE M22x1,5 FI 1/4" IG M22x1,5 FI 1/4" AG M22x1,5 FI 3/8" AG M22x1,5 FI 3/8" IG	<b>Couplings</b> ■ (Fig. 01) between gun and spray pipe ■ (Fig. 02) to connect two hoses / couplings ■ (Fig. 03 - 06) to connect accessoires with gun or hose	
427 181 427 179 427 584	○	○	○	○	○	○	50 mm 350 mm 800 mm	<b>Extension steel pipes</b> ■ PN 500 bar ■ Thread 1/4" FE/ 1/4" FE	
427 461	○	○	○	○	○		PN 300 bar	<b>Telescopic guns</b> ■ To clean high and poorly accessible points ■ adjustable from 2.5 – 7.3 m	
427 460	○	○	○	○	○	○	PN 500 bar	<b>Double steel pipe</b> ■ for low-pressure flushing after high-pressure cleaning	



# Cleaning of surfaces, respectively floors



The cleaning of surfaces and floors is not just important for refurbishing and building cleaning services, but also for painters and plasterers.

The Dynajet accessories offer a multitude of machines and tools which precisely adapt to the special requirements of this type of cleaning.

- Cleaning of facades
- Cleaning of buildings
- Refurbishing buildings
- Cleaning roads and footpaths
- Cleaning floors in industrial halls and workshops

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# Cleaning of roof surfaces

The cleaning of roof surfaces is taking on special importance within the sector of surface cleaning.

It doesn't matter whether we are talking about concrete roof tiles, clay tiles, corrugated iron sheet or galvanised sheet. All types of roofs can be cleaned – both quickly and effectively – independently of the angle of inclination and shape, or prepared for a new coating.

Especially demanding is the refurbishment of roofs with surfaces containing asbestos. Here we offer a special filter system with which the fibres can be separated and specially disposed of.

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Figure

Description	Techn. Data	Dynajet-models						Part no.
		150 <sup>l</sup>	280 <sup>mg</sup>	350 <sup>th</sup>	350 <sup>mg</sup>	350 <sup>mg</sup>	500 <sup>th</sup>	
<b>Dynajet-floor cleaner</b>								
■ for large-surface cleaning of horizontal surfaces		○	○	○	○	○	○	414 031
■ Rotating jet beam (ø approx. 400 mm)								426 842
■ complete with gun handle rollers and spray protection								
■ removal adjusted by jets								
■ with possible suction of water (only 426 842)								
<b>Nozzle kit</b>								
2 x 15075		○						427 821
2 x 15015			○	○				414 018
2 x 15025					○	○		427 822
2 x 15028							○	427 823
<b>Dynajet-wall cleaner</b>								
■ for small surfaces			○	○				426 843
■ with possible suction of dirty water					○	○		427 824
■ ideal for walls, facades and inside areas								
■ Connection 3/4" IG								
<b>Dynajet-wet suction</b>								
■ performance adjustable	Suction performance							426 844
■ with integrated filter system	3000 W,							
■ + submersible pump 500 W	2-stage turbine							
■ hose approx. 20 m	Air performance							
	120 l/ sec.							
<b>Floor cleaning attachment</b>								
■ Connected to high-pressure gun			○	○	○	○		414 032
■ infinitely variable pressure setting by hand-wheel	1000 mm length							
■ its height enables cleaning beneath difficult objects e.g. (work-bank)	150 mm height							
■ Connection 1/4" IG	PN 300 bar							



Part no.	Dynajet-models						Techn. Data	Description
	150 <sup>l</sup>	280 <sup>mg</sup>	350 <sup>th</sup>	350 <sup>mg</sup>	350 <sup>mg</sup>	500 <sup>th</sup>		
426 846			○				Removal width 360 mm	<b>Dynajet-roof cleaning wagon</b>
427 826				○	○			
427 827						○		
<b>Dynajet-suction pump</b>								
426 847							230 V, 9 A 90 l/ min. Suction performance	■ mobile pump for dirty water (hose pump) ■ electrically driven ■ low-wearing ■ cpl. with chassis on solid rubber wheels ■ include. 2 x 25 m hose with couplings to connect to filter system
<b>Dynajet-filter system</b>								
426 848								■ mobile filter system ■ Filter performance: Residue < 30g per 1000 l sewage ■ can be universally used
<b>Spare filter</b>								
428 526								■ One-way filter ■ Package of 20 pieces

Figure





# Deep, respectively special removal with additives



Deep or special removal work is sometimes carried out with appropriate additives. The type of materials depend upon the degree of contamination or corrosion but also upon the type of surface and how sensitive it is. These materials can be, for example, radiated sands or biologically decomposable, water-repellent Dynabits (on a soda basis).

- removing graffiti
- removing paints a. varnishes
- refurbishing concrete
- removing rust
- cleaning ships
- scale removing
- removing synthetic resin
- removing cement or concrete residue

You will get further information on our website [www.dynajet.de](http://www.dynajet.de)

# Cleaning pipes, respectively sewers

Usually great amounts of water at low pressure are required to clean pipes and sewers.

The Dynajet 150<sup>l</sup> precisely meets these requirements and thereby holds a special position on the market.

Along with the corresponding accessories, almost any cleaning problem can be solved in the shortest of time.



Figure Description Techn. Data Dynajet-models Part no.

		150 <sup>l</sup>	280 <sup>me</sup>	350 <sup>th</sup>	350 <sup>me</sup>	350 <sup>mg</sup>	500 <sup>th</sup>	
<b>Damp jet system</b>								
■ for most difficult layers								
■ highly aggressive and abrasive effect								
<b>Jet head</b>								
up to PN 500 bar		●	●	●	●	●	●	414 034
<b>High-pressure jets</b>								
■ - 15° jet angle		●	●	●	●	●	●	425 853
			●	●				414 016
				●	●			421 132
						●	●	427 144
<b>Abrasive suction hose</b>								
approx. 12,5 m								414 037
<b>Abrasive suction pipe</b>								
Cap. adjustable								414 036

<b>Abrasive suction metering vessel</b>								
■ With withdrawal point on the floor for continuous conveying								
■ Amount can be set via valve								
								contents approx. 30 l
								427 403

<b>Abrasive</b>								
■ filled in wear-resistant 25 kg bag	Silica sand	0,20 - 0,60 mm						427 591
■ grain is adjusted according to application	Slag	0,20 - 0,80 mm						427 593
	Slag	0,60 - 1,4 mm						427 594
	Dynabits							427 596

<b>Paint-removal testing box</b>								
■ for etching and removing paint and graffiti	Test box complete							422 987
■ environmentally-protected materials	Dispersion-remover (10 l)							427 812
■ with instructions about the testing surfaces and secondary treatment	Façade-remover (10 l)							427 813
	Stripper (10 l)							427 814
	Graffiti-removing gel (10 l)							427 815
	Graffiti-removing liquid (10 l)							427 816

<b>Cleaning material</b>								
■ for pre-treating surfaces	For plastic and metal surfaces (10 l)							427 817
■ spraying on is carried out with separate units	For grease and oil dirt (10 l)							427 818
	For lime deposits (10 l)							427 819

Part no. Dynajet-models Techn. Data Description Figure

	150 <sup>l</sup>	280 <sup>me</sup>	350 <sup>th</sup>	350 <sup>me</sup>	350 <sup>mg</sup>	500 <sup>th</sup>	
<b>Pipe cleaning jets</b>							
■ are simply screwd onto pipe cleaning hoses							
<b>Standard jet (Fig. 01) – at front and rear with jet bore-holes</b>							
414 045	●	●	●	●	●	●	≥ DN30
414 046	●						≥ DN30
414 051	●						≥ DN60
427 074						●	≥ DN30
<b>Rotating jet (Fig. 02) – for complete removal on all sides</b>							
414 049	●	●	●	●	●	●	DN 30-100
414 050	●						DN 30-100
414 054	●						DN 70-150
427 073						●	DN 30-100
<b>Poker jet (Fig. 03) – as mech. and hydr. tool, ideal for mounting on rigid lances</b>							
414 047	●	●	●	●	●	●	≥ DN40
414 048	●						≥ DN40
414 053	●						≥ DN60
<b>Tension jet (Fig. 04) – bore-holes on reverse side for long pipe lengths</b>							
414 052	●						≥ DN80
<b>Flunder jet (Fig. 05) – for large surface cleaning of sewers – with extreme flushing effect</b>							
414 055	●						≥ DN150

<b>Swivel joint</b>							
■ for twist uncoupling between hose and flunder							
414 056	●						> 60 mm

<b>Pipe cleaning hoses</b>							
■ extremely light-weight							
■ for large tension lengths							
■ for direct connection to drum							
414 043	●						60 m, ½"
414 044	●						30 m, ½"
414 040		●	●	●	●		15 m, ¼"
414 041		●	●	●	●		25 m, ¼"
414 042		●	●	●	●		50 m, ¼"

<b>Hose reversing</b>							
■ simplifies work on pipe and sewer openings							
414 061							for upper surf.
414 060							for lower surf.



# Protective clothing



The high-pressures and partially high temperatures require respective protective clothing. We have made sure that we only have high quality articles in our assortment so that these clothes are still comfortable to wear even after longer periods of work.

Of course our articles meet all the requirements of the field and standards set by law.

Dynajet protective clothing – safe, practical and comfortable.




**You will get further information on our website [www.dynajet.de](http://www.dynajet.de)**

Figure	Description	Sizes	Part no.
	<b>Protective suit</b>		
	■ Poratex Premium	Medium	414 067
	■ 100% water-proof with respiratory-active membrane	Large	414 068
	■ 2-part (trousers with braces)	X-Large	414 069
	■ resistant to tearing	XX-Large	414 070
	<b>Safety goggles "Speedy"</b>		
			414 094
	<b>Overall</b>		
	■ as protection against dirt	Medium	426 894
	■ can also be worn over the protective suit	Large	426 895
■ ideal for overhead work	X-Large	426 896	
■ 100% water-proof			
■ respiratory-active			
■ water-repellent strip on end of arms and legs of clothes			
■ with cap and neck ruff			

Part no.	Sizes	Description	Figure	
<b>Protective helmet</b>				
427 305		■ incl.ear muffs, visor strap and non-fogging visor. (Polycarbonate)		
414 091		<b>Visor made of special steel</b>		
414 092 414 093		<b>Replacement visor Replacement ear muffs</b>		
<b>Thermal underwea</b>				
		■ respiratory-active		
		■ heat-insulating		
<b>Vests</b>				
416 113	Medium			
416 114	Large			
416 115	X-Large			
416 116	XX-Large			
<b>Underpants (long)</b>				
416 117	Medium			
416 118	Large			
416 119	X-Large			
416 120	XX-Large			
<b>Socks</b>				
414 083	40/42			
414 084	43/45			
414 085	46/48			
<b>Gloves</b>				
414 086	8	■ lined		
414 087	9	■ 100% water-proof		
414 088	10	■ respiratory-active		
414 089	11	■ heat-resistant		
<b>Safety boots</b>				
414 074	40	■ rubber boot version		
414 075	41	■ steel inserts in the toe-piece		
414 076	42	■ designed according to EN 345-1		
414 077	43			
414 078	44			
414 079	45			
414 080	46			
414 081	47			
414 082	48			



# General Accessoires

Figure	Description	Techn. Data	Dynajet-models					Part no..
			150 <sup>t</sup>	280 <sup>me</sup>	350 <sup>th</sup>	350 <sup>me</sup>	350 <sup>mg</sup>	
	<b>Sludge sucking unit</b> <ul style="list-style-type: none"> <li>to pump out man-holes, sewers etc.</li> <li>when a submersible pump is too complicated or not possible</li> <li>connection 3/4" IG</li> </ul>	PN 150 bar PN 350 bar	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	414 063 414 062
		<b>Dynabox 350</b> <ul style="list-style-type: none"> <li>Mobile hot water generator</li> <li>Connected between cold water high-pressure cleaner and cleaning tools</li> <li>Diesel oil burner</li> </ul>	Connection 230 V/ 50 Hz  Heating capacity 67 kW Diesel tank approx. 18 l  Perm. pressure 350 bar max. temp. 130° C  Weight (empty) approx. 117 kg Dimensions (LxWxH) 80 x 75 x 90 cm	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<b>Tool box</b> <ul style="list-style-type: none"> <li>for storage of accessories, tools, etc.</li> <li>fits in every Dynajet trailer</li> </ul>	Dimension (LxWxH) 395 x 295 x 315 mm	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	427 393

## Putzmeister Mörtelmaschinen GmbH

A member of the Putzmeister Group with headquarters in Aichtal, near Stuttgart. Putzmeister is the leading manufacturer worldwide of mortar machines, concrete pumps, tunneling machines, industrial pumps, large robot technology for cleaning complex systems and plants and professional high-pressure cleaning systems.

This powerful bond offers sales partners all over the world ideal conditions with regard to competence, investment safety

MM 3306 GB



## Your Putzmeister Partner

and optimum service in all domains.



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