

The Atlas Copco logo is positioned in the top right corner of the image. It consists of the brand name "Atlas Copco" in a white, serif font, centered between two horizontal white bars. The background of the entire image is a photograph of a large industrial machine, likely a pump, with a blue gradient overlay on the left side. The machine features a vertical shaft with various components, including a motor or actuator at the top and a pump head at the bottom. The background is a solid blue color.A technical drawing of a pump head is overlaid on the bottom left of the image. The drawing is a detailed line drawing showing the internal and external components of the pump head, including the impeller, shaft, and housing. It includes various dimensions and labels, such as "C-C (1/3)", "Ø120", "Ø142", "Ø150", "Ø152", "Ø154", "Ø156", "Ø158", "Ø160", "Ø162", "Ø164", "Ø166", "Ø168", "Ø170", "Ø172", "Ø174", "Ø176", "Ø178", "Ø180", "Ø182", "Ø184", "Ø186", "Ø188", "Ø190", "Ø192", "Ø194", "Ø196", "Ø198", "Ø200", "Ø202", "Ø204", "Ø206", "Ø208", "Ø210", "Ø212", "Ø214", "Ø216", "Ø218", "Ø220", "Ø222", "Ø224", "Ø226", "Ø228", "Ø230", "Ø232", "Ø234", "Ø236", "Ø238", "Ø240", "Ø242", "Ø244", "Ø246", "Ø248", "Ø250", "Ø252", "Ø254", "Ø256", "Ø258", "Ø260", "Ø262", "Ø264", "Ø266", "Ø268", "Ø270", "Ø272", "Ø274", "Ø276", "Ø278", "Ø280", "Ø282", "Ø284", "Ø286", "Ø288", "Ø290", "Ø292", "Ø294", "Ø296", "Ø298", "Ø300", "Ø302", "Ø304", "Ø306", "Ø308", "Ø310", "Ø312", "Ø314", "Ø316", "Ø318", "Ø320", "Ø322", "Ø324", "Ø326", "Ø328", "Ø330", "Ø332", "Ø334", "Ø336", "Ø338", "Ø340", "Ø342", "Ø344", "Ø346", "Ø348", "Ø350", "Ø352", "Ø354", "Ø356", "Ø358", "Ø360", "Ø362", "Ø364", "Ø366", "Ø368", "Ø370", "Ø372", "Ø374", "Ø376", "Ø378", "Ø380", "Ø382", "Ø384", "Ø386", "Ø388", "Ø390", "Ø392", "Ø394", "Ø396", "Ø398", "Ø400", "Ø402", "Ø404", "Ø406", "Ø408", "Ø410", "Ø412", "Ø414", "Ø416", "Ø418", "Ø420", "Ø422", "Ø424", "Ø426", "Ø428", "Ø430", "Ø432", "Ø434", "Ø436", "Ø438", "Ø440", "Ø442", "Ø444", "Ø446", "Ø448", "Ø450", "Ø452", "Ø454", "Ø456", "Ø458", "Ø460", "Ø462", "Ø464", "Ø466", "Ø468", "Ø470", "Ø472", "Ø474", "Ø476", "Ø478", "Ø480", "Ø482", "Ø484", "Ø486", "Ø488", "Ø490", "Ø492", "Ø494", "Ø496", "Ø498", "Ø500", "Ø502", "Ø504", "Ø506", "Ø508", "Ø510", "Ø512", "Ø514", "Ø516", "Ø518", "Ø520", "Ø522", "Ø524", "Ø526", "Ø528", "Ø530", "Ø532", "Ø534", "Ø536", "Ø538", "Ø540", "Ø542", "Ø544", "Ø546", "Ø548", "Ø550", "Ø552", "Ø554", "Ø556", "Ø558", "Ø560", "Ø562", "Ø564", "Ø566", "Ø568", "Ø570", "Ø572", "Ø574", "Ø576", "Ø578", "Ø580", "Ø582", "Ø584", "Ø586", "Ø588", "Ø590", "Ø592", "Ø594", "Ø596", "Ø598", "Ø600", "Ø602", "Ø604", "Ø606", "Ø608", "Ø610", "Ø612", "Ø614", "Ø616", "Ø618", "Ø620", "Ø622", "Ø624", "Ø626", "Ø628", "Ø630", "Ø632", "Ø634", "Ø636", "Ø638", "Ø640", "Ø642", "Ø644", "Ø646", "Ø648", "Ø650", "Ø652", "Ø654", "Ø656", "Ø658", "Ø660", "Ø662", "Ø664", "Ø666", "Ø668", "Ø670", "Ø672", "Ø674", "Ø676", "Ø678", "Ø680", "Ø682", "Ø684", "Ø686", "Ø688", "Ø690", "Ø692", "Ø694", "Ø696", "Ø698", "Ø700", "Ø702", "Ø704", "Ø706", "Ø708", "Ø710", "Ø712", "Ø714", "Ø716", "Ø718", "Ø720", "Ø722", "Ø724", "Ø726", "Ø728", "Ø730", "Ø732", "Ø734", "Ø736", "Ø738", "Ø740", "Ø742", "Ø744", "Ø746", "Ø748", "Ø750", "Ø752", "Ø754", "Ø756", "Ø758", "Ø760", "Ø762", "Ø764", "Ø766", "Ø768", "Ø770", "Ø772", "Ø774", "Ø776", "Ø778", "Ø780", "Ø782", "Ø784", "Ø786", "Ø788", "Ø790", "Ø792", "Ø794", "Ø796", "Ø798", "Ø800", "Ø802", "Ø804", "Ø806", "Ø808", "Ø810", "Ø812", "Ø814", "Ø816", "Ø818", "Ø820", "Ø822", "Ø824", "Ø826", "Ø828", "Ø830", "Ø832", "Ø834", "Ø836", "Ø838", "Ø840", "Ø842", "Ø844", "Ø846", "Ø848", "Ø850", "Ø852", "Ø854", "Ø856", "Ø858", "Ø860", "Ø862", "Ø864", "Ø866", "Ø868", "Ø870", "Ø872", "Ø874", "Ø876", "Ø878", "Ø880", "Ø882", "Ø884", "Ø886", "Ø888", "Ø890", "Ø892", "Ø894", "Ø896", "Ø898", "Ø900", "Ø902", "Ø904", "Ø906", "Ø908", "Ø910", "Ø912", "Ø914", "Ø916", "Ø918", "Ø920", "Ø922", "Ø924", "Ø926", "Ø928", "Ø930", "Ø932", "Ø934", "Ø936", "Ø938", "Ø940", "Ø942", "Ø944", "Ø946", "Ø948", "Ø950", "Ø952", "Ø954", "Ø956", "Ø958", "Ø960", "Ø962", "Ø964", "Ø966", "Ø968", "Ø970", "Ø972", "Ø974", "Ø976", "Ø978", "Ø980", "Ø982", "Ø984", "Ø986", "Ø988", "Ø990", "Ø992", "Ø994", "Ø996", "Ø998", "Ø1000".

UP165 HD

Long-term durability pump for highly abrasive and corrosive materials – increased uptime and reduced maintenance boost your productivity

Boost your productivity with higher longevity

With the high durability of the UP165 HD you no longer need to stress over abrasive and corrosive materials wearing out your equipment. This heavy-duty pump effectively drives uptime and reduces maintenance efforts.

With the increasing use of adhesives, sealants and thermal compounds across many industries, new liquid materials are constantly being developed and refined. For many applications, these liquids are enriched with filler particles – non-soluble particles that enhance certain properties of the joint, sealing, thermal conduction or dampening layer. These materials are often abrasive and sometimes also corrosive. With the UP165 HD, we have developed a new pump generation that handles even the most challenging materials with highest productivity.



Comprehensive support for your ideal system set-up

To achieve a high-quality result and a long lifetime of the equipment, the system needs to be optimally configured.

Our experts help you determine the best pump size/performance according to your specific process and quality requirements.

Features

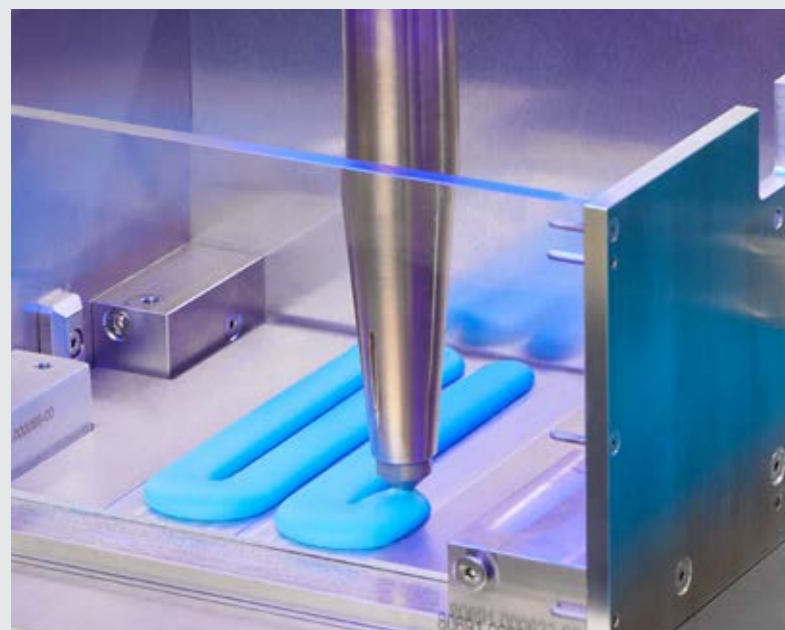
- Easy to upgrade existing systems from standard UP165 to HD version
- Heavy-duty seal sets
- Carbide valve seats
- Flow optimized inner geometries
- Patented combination of ball and shuffle pump

Benefits

- Long-term durability increased up to factor 30* (compared to standard UP165)
- Less wear and less maintenance effort
- Reduced performance loss and reduced unexpected downtime

*depending on material properties, production requirements and surrounding conditions

up to
30x
longer lifetime compared to standard pumps*



Aluminum housing: Best choice for gap filler applications in battery manufacturing

Liquids designed for high thermal conductivity are typically used in the electronics industry and in battery assembly for electric vehicles to ensure that the components operate under ideal temperatures. This ensures the product's performance and long lifetimes.

The UP165 HD with aluminum housing is the perfect choice for adhesives filled with abrasive filler materials such as aluminum oxide and for adhesives which do not chemically react with steel or aluminum.

Stainless steel housing: Best choice for liquid applied sound dampening

To enhance the acoustic environment in the car, certain areas are covered with a layer of liquid applied sound dampening (LASD) material. This reduces the noise caused by vibrations and the engine when driving. For this process, water-based acrylates or materials with highly abrasive filler particles are used.

The robust UP165 HD with stainless steel housing reliably supplies these demanding materials at the right flow rates. This ensures a continuously running process without any compromises.

Ordering number and specifications

Product	Body construction	Volume per double stroke	Max. working pressure	Max. heating temperature	Ordering number
UP165 HD	Stainless steel	165 cm ³	330 bar	80°C	86550.000039
UP165 HD	Aluminum	165 cm ³	330 bar	80°C	86550.000041

Our service: Easy repair with full cost control



Registration



Shipment



Purchase order



Repair



Return shipment



Test



Your benefits:

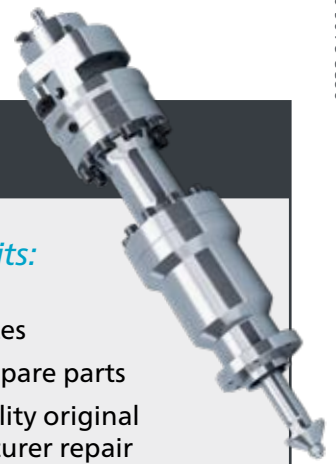
- Fixed prices
- Original spare parts
- High-quality original manufacturer repair
- Equipment test
- 6-month warranty
- Express repair option: Ready after 5 working days

Our repair offering: Lower your total cost of ownership

Servicing system components on-site can be complex and time consuming. We offer high-quality repairs with original spare parts and a six-month warranty. Our certified technicians are well educated in product repairs to ensure the best quality. All service tests include detailed reports for your business needs.

Additional services:

- Start-up services
- Field service on demand
- Optimization
- Consulting/training
- Support desk



Atlas Copco

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Industrial Assembly Solutions
SCA Dispensing
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Learn more about gap filler applications for battery manufacturing in our video

