

CLEANING SYSTEMS

Precision cleaning made simple

ULTRASONIC CLEANER

SPRAYWASHER

CONVEYOR WASHER

ROTATING BASKET WASHER

CUSTOMIZED SYSTEMS

CLEANING CHEMICALS

ACCESSORIES



PRECISION CLEANING

WHAT WE DO

We design, develop and deliver precision cleaning equipment and services for demanding tasks and industries. Our experienced experts will make sure that your cleaning system is installed and implemented effectively, and our extensive service and accessories programme will keep it up and running.

HOW WE DO IT

Our wide range of industry leading standard solutions will cover most demands within industries such as automotive, aerospace, wind power, medical and health care, and more. However, our extensive experience allows us to modify existing equipment and design custom solutions for any special task you might have. Anmasi is founded on customer focus, and our solid aim is to add value to your business through sustainable and user friendly solutions.

WHERE WE COME FROM

Anmasi was founded by Jan Hedeby Sørensen who has 30 years of experience in industrial cleaning equipment and solutions. The fundamental purpose of the company is to be a one-stop-shop for precision cleaning equipment. Not only do we design and deliver both standard and custom solutions. We also provide global installation and maintenance and keep all vital parts and accessories in stock to ensure quick delivery and minimum down time for our customers.

CONTENT

CL-Series 8

High quality ultrasonic cleaner with high ultrasonic effect for reliable parts cleaning every day. Suitable for many tasks.



Combilline 10

Our most popular ultrasonic cleaning system which is manufactured as a single and multistage machine.



Maxi-Series 12

Our heavy-duty industrial ultrasonic cleaning system that includes several standard options. It is ideal for workshops, tools cleaning and the metal industry.



Maximatic 14

This ultrasonic cleaning solution is very similar to the Maxi-series, but includes the pneumatic agitation system and a stainless steel housing.



Maxiline 16

Our fully automatic in-line ultrasonic cleaning system tailored for customer needs. This is a multistage heavy-duty cleaning system designed for around-the-clock operation.



Toploader ECO 18

Our spray washing system which is highly efficient and economic includes a lot of standard equipment which makes it very attractive.

Toploader PRO 20

This spray washing system is highly efficient and includes a lot of standard options. It is very user-friendly and can be operated by crane.



Frontloader AFL22

Our spray washer for heavy-duty parts with a manual frontloading system, which also works as a loading and an unloading table.



Frontloader AFP24

Our spray washer for heavy-duty parts with a pneumatic front cover. It is a very compact and reliable cleaning system for a wide range of applications.



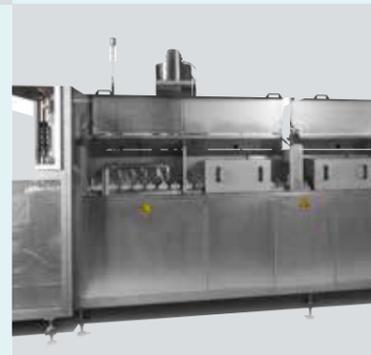
ATB 26

Our simple and low-cost washing module with conveyor. This is a very compact and flexible solution which is easy to implement.



Beltline 28

Our high quality in-line cleaning system with conveyor. It is designed in modules and customized to meet customer requirements.



Drumline 30

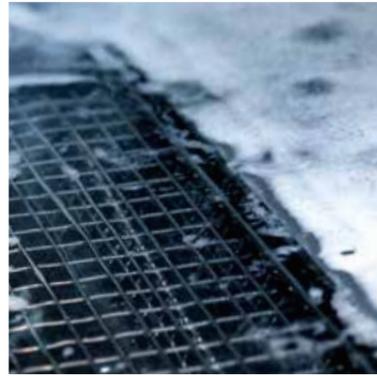
The Drumline spray washing system is designed for cleaning high quantities and is very efficient due to the rotation of the parts inside the machine.



Rotoline 32

This is our rotating basket system designed for high precision cleaning of complex parts. It is designed in modules and customized to meet customer requirements.





One-stop-shop for industrial cleaning systems

Design – Develop – Deliver

At Anmasi we take great pride in controlling the entire process of designing, manufacturing, installing and servicing your industrial cleaning solution. Our dedicated employees and loyal subcontractors constitute a comprehensive and competent organization focused solely on customer satisfaction. Our own R&D and production facilities deliver the solutions you need, and our service organization keep them up and running. Around the world and around the clock.

We get your job done

In addition to manufacturing our own standard and custom solutions we also have our own production of filters, and we carry all other necessary parts and accessories in stock. Our in-house experts are always standing by to assist you, whenever you need help. At our lab we are able to test the purity of your parts to make sure that the desired cleaning solution actually meets your demands.

We've got you covered

Our service organization is spread out both nationally and internationally. No matter where you are, and where you need us, we are never far away. Our broad expertise extends across industries, borders and technologies including robot cleaning systems and other advanced solutions.

CL-SERIES

High quality ultrasonic cleaner with a **high ultrasonic effect** for reliable parts **cleaning every day**. Suitable for many tasks.

Analogue display

- Setting of time 0-60 min.
- Setting of temperature 0-80°C
- Standard frequency 40 khz.

Digital multifunction display

- Setting of time and temperature
- Powerfunction - setting of frequency and watt-usage
- Multifrequency, Choose between 21,5 or 40 khz.

Available options:

- Stainless steel baskets
- Basket covers
- Fixtures
- Weekly timer.



MODEL	CL100	CL150	CL300	CL600
Volume	4,0 L	5,7 L	16 L	25 L
Tank size (LxWxH)	245x135x140 mm	300x140x140 mm	325x300x190 mm	500x300x190 mm
Basket size	190x100x120 mm	245x110x120 mm	250x245x150 mm	450x250x150 mm
Outside dimensions	300x170x300 mm	370x180x300 mm	420x330x420 mm	600x330x420 mm
Ultrasonic effect	160W	240W	320W	640W
Frequency	21,5 / 40 Khz			
Temperature	0-80°C	0-80°C	0-80°C	0-80°C
Power supply	220/240V, 50 hz.	220/240V, 50 hz.	220/240V, 50 hz.	220/240V, 50 hz.



The CL-Series is the ideal solution for smaller workshops, laboratories, dental clinics etc.

✓ Digital multifunctional display or analog control

The ultrasonic cleaner has a digital display with frequency, watt, temperature and time settings, or alternatively the more simple analog control panel.

✓ Including basket and lid

The ultrasonic cleaner comes with a basket and lid as standard.

✓ Stainless steel construction

The ultrasonic cleaner is constructed with a stainless steel tank, cabinet and tank cover.

✓ Bottom valve

Bottom valve in brass for easy emptying of the tank. Not available for CL 100.

COMBI-SERIES

This is our most popular **ultrasonic cleaning system** which is manufactured as a single and multistage machine depending on the **cleaning application**.

We produce the ultrasonic cleaning system in stainless steel for automotive, aerospace, pharmaceutical and a wide-range of other manufacturing industries.

Available standard modules:

- Ultrasonic cleaning
- Venturi jet-nozzle turbulence
- Spray washing chamber
- Rinsing with air-bubble turbulence
- Hot air drying
- Vacuum drying.

Extra options:

- Overflow skimming to remove demulsifying oils
- Filtration system
- Automatic waterfilling and chemical dosing
- Extraction fan
- Pneumatic agitation / dunking
- Automatic linear pusher system for baskets
- Inlet and outlet tables.



MODEL	COMBI 28	COMBI 50	COMBI 80	COMBI 125	COMBI 150
Volume	28 L	50 L	80 L	125 L	150 L
Tank size	400x260x270 mm	350x450x350 mm	400x500x400 mm	700x450x400 mm	700x520x400 mm
Basket size	380x240x250 mm	330x430x350 mm	380x480x380 mm	680x430x350 mm	680x500x350 mm
Max. basket weight	50 kg	75 kg	75 kg	150 kg	150 kg
Frequency	25 or 40 Khz	25 or 40 Khz	25 or 40 Khz	25 or 40 Khz	25 or 40 Khz
Ultrasonic effect	360 W	560 W	1000 W	1500 W	2000 W
Temperature	0 - 85 °C	0 - 85 °C	0 - 85 °C	0 - 85 °C	0 - 85 °C
Heating effect	1800 W	1800 W	1800 W	2700 W	2700 W
Power supply	220/240V, 50 hz.	220/240V, 50 hz.	16 A	16 A	16 A

✓ 100 % stainless steel construction

Produced in a complete stainless steel construction with stainless steel tank, frame, cabinet, lid, heating elements and basket.

✓ Standard or customized solution

The ultrasonic cleaner can be tailored to your needs with special dimensions and extra options.

✓ Multi-stage

In-line multi-stage machine with several cleaning steps, designed in modules to customer needs.

✓ User-friendly analog control

Simple and reliable user-interface that makes it easy to operate.

✓ Double insulated machine

Insulated on the tank to reduce heat loss and on the cabinet to reduce noise.

✓ Adjustable machine feet

Placed on adjustable stainless steel machine feet and can also be supplied on wheels.

✓ CE - European Machine Directive

The ultrasonic cleaner is produced in accordance with the European Machine Directive.

✓ Prepared for extra options

Prepared for extraction fan, automatic waterfilling, oilskimmer and filtration.

✓ Available as an automatic solution

This cleaning system is also available with a simple and reliable pneumatic pusher system to automatically move basket between tanks.

MAXI-SERIES

This is our **heavy-duty industrial ultrasonic cleaning system** that includes **several standard options**. It is ideal for **workshops, tools cleaning and the metal industry**.

Available standard modules:

- Ultrasonic cleaning
- Venturi jet-nozzle turbulence
- Spray washing chamber
- Rinsing with air-bubble turbulence
- Hot air drying tank
- Vacuum drying.

Available options:

- Filtration system
- Automatic chemical dosing
- Oil skimmer with belt
- Oil separator
- Extraction fan
- PLC/HMI with 7" touchscreen
- Pneumatic agitation / dunking
- Inlet- and outlet tables
- Digital control panel.



MODEL	MAXI A	MAXI B	MAXI C	MAXI D	MAXI E
Volume	144 L	175 L	250 L	304 L	508 L
Basket size	480x620x450 mm	520x700x450 mm	520x860x500 mm	520x1060x500 mm	520x1760x500 mm
Max. basket weight	200 kg	200 kg	200 kg	350 kg	350 kg
Frequency	25 or 40 Khz	25 or 40 Khz			
Ultrasonic effect	1500 W	2000 W	2500 W	3000 W	5000 W
Temperature	0 - 85 °C	0 - 85 °C			
Heating effect	2300 W	3000 W	5000 W	6500 W	8000 W
Power supply	16 A	16 A	32 A	32 A	32 A

✓ 100 % stainless steel construction

Produced with a stainless steel tank, frame, cabinet and basket.

✓ Prepared for extra options

Prepared for filtration, extraction fan, oil skimmer and automatic chemical dosing system.

✓ User-friendly analog control

Simple and reliable user-interface that makes it easy to operate.

✓ Automatic water filling

Automatic waterfilling to control water level and avoid production stops.

✓ CE - European Machine Directive

The ultrasonic cleaner is produced in accordance with the European Machine Directive.

✓ Standard or customized solution

The ultrasonic cleaner can be tailored to your needs with special dimensions and extra options.

✓ Double insulated machine

Insulated on the tank to reduce heat loss and on the cabinet to reduce noise.

✓ Overflow skimming of oil

The ultrasonic cleaner is with surface skimming of oils to a separated tank unit which extend the lifetime of the process fluids and improves cleaning results.

✓ Raised immersibles

The ultrasonic cleaner has raised transducers which are placed 100 mm above the tank bottom to prevent soils from disturbing the ultrasound.

✓ Adjustable machine feet

Placed on adjustable stainless steel machine feet, and can also be supplied on wheels.

MAXIMATIC

This ultrasonic cleaning solution is very similar to the **Maxi-series**, but includes the **pneumatic agitation system** and a **stainless steel housing**.

The ultrasonic cleaning system is produced for heavy-duty parts, and offers a two-step cleaning process combining ultrasonic cleaning and pneumatic agitation of the parts. It is equipped with a stainless steel housing including front cover with gas springs for reducing noise.

Available standard modules:

- Ultrasonic cleaning
- Venturi jet-nozzle turbulence
- Rinsing with air-bubble turbulence
- Hot air drying tank
- Vacuum drying.

Available options:

- Filtration system
- Automatic chemical dosing
- Oil skimmer with belt
- Oil separator
- Extraction fan
- PLC/HMI with 7" touchscreen
- Transport trolley.



MODEL	MAXIMATIC A	MAXIMATIC B	MAXIMATIC C	MAXIMATIC D	MAXIMATIC E
Volume	216 L	258 L	362 L	440 L	717 L
Tank size	620x660x530 mm	660x740x530 mm	680x920x580 mm	680x1120x580 mm	680x1820x580 mm
Basket size	480x620x450 mm	520x700x450 mm	520x860x500 mm	520x1060x500 mm	520x1760x500 mm
Max. basket weight	200 kg	200 kg	200 kg	200 kg	200 kg
Ultrasonic effect	2000 W	2500 W	3500 W	4500 W	7000 W
Frequency	25 or 40 Khz	25 or 40 Khz			
Temperature	0 - 85 °C	0 - 85 °C			
Heating effect	2900 W	3900 W	7500 W	10000 W	12500 W
Power supply	16 A	16 A	32 A	32 A	50 A
High pressure air	6 bar	6 bar	6 bar	6 bar	6 bar

- ✓ **100 % stainless steel construction**
Produced with a stainless steel tank, frame, cabinet and basket.
- ✓ **Prepared for extra options**
Prepared for filtration, extraction fan, oil skimmer and automatic chemical dosing system.
- ✓ **User-friendly analog control**
Simple and reliable user-interface that makes it easy to operate.
- ✓ **Automatic water filling**
Automatic water filling to control water level and avoid production stops.
- ✓ **CE - European Machine Directive**
The ultrasonic cleaner is produced in accordance with the European Machine Directive.
- ✓ **Standard or customized solution**
The ultrasonic cleaner can be tailored to your needs with special dimensions and extra options.
- ✓ **Double insulated machine**
Insulated on the tank to reduce heat loss and on the cabinet to reduce noise.

- ✓ **Overflow skimming of oil**
Surface skimming of oils to a separated tank unit which extend the lifetime of the process fluids and improves cleaning results.
- ✓ **Raised immersibles**
The ultrasonic cleaner has raised transducers which are placed 100 mm above the tank bottom to prevent soils from disturbing the ultrasound.
- ✓ **Adjustable machine feet**
Placed on adjustable stainless steel machine feet, and can also be supplied on wheels.
- ✓ **Pneumatic agitation / dunking**
Two-step cleaning process combining ultrasound and dunking to achieve precision cleaning results.
- ✓ **Stainless steel housing**
Manufactured with a stainless steel housing which reduces noise and improves working conditions.

MAXILINE

This is our **fully automatic in-line ultrasonic cleaning system** tailored for customer needs. It is a **multistage heavy-duty cleaning system** designed for around-the-clock operation.

Available standard modules:

- Ultrasonic cleaning
- Venturi jet-nozzle turbulence
- Spray washing chamber
- Rinsing with air-bubble turbulence
- Hot air drying tank
- Vacuum drying.

Available options:

- Filtration system
- Automatic chemical dosing
- Oil skimmer with belt
- Oil separator
- Extraction fan
- Agitation / oscillation
- Transport trolley
- Automatic conveyor systems for loading and unloading.



MODEL	MAXILINE 530	MAXILINE 600	MAXILINE 670
Tank volume (pr. zone)	150 L	220 L	300 L
Ultrasonic effect (pr. zone)	2000 W	3000 W	4000 W
Ultrasonic frequency	25 or 40 Khz	25 or 40 Khz	25 or 40 Khz
Basket loading max.	50 kg	75 kg	100 kg
Basket size (external)	521x321x200 mm	608x408x300 mm	651x469x300 mm
Cleaning height max.	200 mm	300 mm	300 mm
Temperature	30 - 85 °C	30 - 85 °C	30 - 85 °C
Heating effect (pr. zone)	4000 W	6000 W	8000 W
Drying power	2200 W	2200 W	2200 W
Temperature drying °C	40 - 110 °C	40 - 110 °C	40 - 110 °C

- ✓ **Adjustable machine feet**
Placed on adjustable stainless steel machine feet, and can also be supplied on wheels.
- ✓ **Automatic handling**
Available with a stainless steel pick-and-place system or automatic pusher system depending on application.
- ✓ **Automatic water filling**
Automatic water filling to control water level and avoid production stops.
- ✓ **Raised immersibles**
The ultrasonic cleaner has raised transducers which are placed 100 mm above the tank bottom to prevent soils from disturbing the ultrasound.
- ✓ **CE - European Machine Directive**
The ultrasonic cleaner is produced in accordance with the European Machine Directive.
- ✓ **Siemens S7-1200 PLC control**
Control panel Siemens S7-1200 PLC with 7" touchscreen and process visualization
- ✓ **100 % stainless steel construction**
Produced with a stainless steel tank, frame, cabinet and basket, heating elements and pumps.
- ✓ **Motordriven agitation system**
Available with motordrive agitation system to move the parts up and down during ultrasonic cleaning.
- ✓ **Double insulated machine**
Insulated on the tank to reduce heat loss and cabinet to reduce noise.
- ✓ **Prepared for extra options**
Prepared for filtration, extraction fan, oil skimmer and automatic chemical dosing system.
- ✓ **Manufactured in modules**
Available with ultrasonic cleaning, spraywash, turbo flushing, demineralized rinsing zone, phosphating, etching, passivation etc.

TOPLOADER ECO

This is our **spray washing system** which is highly **efficient** and **economic** and includes a lot of standard equipment which makes it **very attractive**.

The ECO model of our standard spray washing system is produced in the same high quality as all of our spray washers.

It has a more simple construction and includes several options to ensure the same cleaning results as our PRO models.

The spraywasher is only available in one size, and it is aimed at low cost operations, mainly related to maintenance and service operations.

Available options

- Filtration system
- Automatic water filling
- Automatic chemical dosing
- Extraction fan
- Integrated stainless steel coarse filter
- Stainless steel baskets and fixtures
- Digital control panel.

MODEL	AT 750 ECO
Volume	150 L
Basket size	Ø750 mm
Cleaning height max.	540 mm
Weight capacity max.	150 kg
Pump flow	250 l/min
Pump pressure	2.4 - 3.2 bar
Power supply	32 A
Heating effect	9000 W
Temperature	20 - 60 °C



The motordriven rotating basket system ensures efficient and reliable cleaning results of all of parts.

Highly efficient stainless steel pumps with a high flow and pressure ensure the best cleaning results.



✓ 100 % stainless steel construction

Produced with a stainless steel cabinet, tank cover, electrical cabinet, pumps and heating elements.

✓ Level sensor

Used for protection of heating elements and stainless steel pump.

✓ CE - European Machine Directive

The spraywasher is produced in accordance with the European Machine Directive.

✓ Motordriven rotating basket

The motordriven rotation ensures reliable cleaning results every time regardless of the geometry and size of the parts.

✓ Prepared for extra options

It is prepared for oil skimmer, automatic water filling, extraction fan and filtration system.

✓ Adjustable machine feet

Adjustable stainless steel machine feet, and can also be supplied on wheels.

✓ User-friendly analog control

Simple and reliable user-interface that makes it easy to operate.

✓ Highly efficient spraying system

Produced with a high flow spraying system combining flat-jet nozzles and point nozzles from all angles inside the machine.

✓ Including basket

A stainless steel basket is included, and specially designed baskets are available upon request.

TOPLOADER PRO

This is our **spray washing system** which is highly **efficient** and includes a lot of standard options. Its **very user-friendly** and **can be operated by crane**.

The PRO model is our highly efficient spray washing system with toploading. It is manufactured of high quality materials and is popular for many applications such as: Parts after machining, workshops, tools cleaning, maintenance, robot cells etc.

Available modules:

- Spray washing
- Spray rinsing
- Hot air drying.

Available options

- Filtration system
- Automatic water filling
- Automatic chemical dosing
- Extraction fan
- Stainless steel baskets and fixtures
- Digital control panel.



MODEL	AT 750 PRO	AT 900 PRO	AT 1150 PRO
Volume	150 L	250 L	400 L
Basket size	Ø750 mm	Ø900 mm	Ø1150 mm
Cleaning height max.	540 mm	540 mm	540 mm
Weight capacity max.	200 kg	200 kg	300 kg
Pump flow	250 l/min	250 l/min	280 l/min
Pump pressure	2.4 - 3.2 bar	2.4 - 3.2 bar	3.0 - 4.5 bar
Heating effect	9000 W	9000 W	9000 W
Temperature	20 - 60 °C	20 - 60 °C	20 - 60 °C
Power supply	32 A	32 A	32 A

✓ 100 % stainless steel construction

Produced with a stainless steel cabinet, tank cover, electrical cabinet, pumps and heating elements.

✓ Level sensor

Used for protection of heating elements and stainless steel pump.

✓ CE - European Machine Directive

The spraywasher is produced in accordance with the European Machine Directive.

✓ Motordriven rotating basket

The motordriven rotation ensures reliable cleaning results every time regardless of the geometry and size of the parts.

✓ Prepared for extra options

Prepared for oil skimmer, automatic water filling, extraction fan and filtration system.

✓ Smart and user-friendly design

Very compact and user-friendly design makes it easy to access and maintain and makes it possible to load by crane.

✓ Adjustable machine feet

Adjustable stainless steel machine feet, and can also be supplied on wheels.

✓ User-friendly analog control

Simple and reliable user-interface that makes it easy to operate.

✓ Highly efficient spraying system

Produced with a high flow spraying system combining flat-jet nozzles and point nozzles from all angles inside the machine.

✓ Including basket

A stainless steel basket is included, and specially designed baskets are available upon request.

✓ Integrated stainless steel coarse filter

Middle-plate including stainless steel coarse filter 400 micron.

FRONTLOADER AFL

This is our spray washer for heavy-duty parts with a manual frontloading system which also works as a loading and an unloading table.

The spraywasher AFL-type is the ideal solution for repair workshops, tools cleaning and large parts after CNC machining.

It is very easy to operate, and is available in four different sizes. The compact design makes it a good choice for smaller workshops and for production facilities with a low ceiling.

Available modules:

- Spray washing
- Spray rinsing
- Hot air drying.

Extra options:

- Filtration system
- Automatic chemical dosing
- Extraction fan
- Automatic water filling
- Oil separator
- Siemens touchscreen
- Motordriven basket.



MODEL	AFL 800	AFL 1000	AFL 1200	AFL 1400
Volume	300 L	400 L	500 L	600 L
Basket size	Ø800 mm	Ø1000 mm	Ø1200 mm	Ø1400 mm
Cleaning height max.	600 mm	700 or 1000 mm	800 mm or 1000 mm	800 mm or 1000 mm
Weight capacity max.	400 kg	400 kg	500 kg	500 kg
Temperature	20 - 85 °C	20 - 85 °C	20 - 85 °C	20 - 85 °C
Heating effect	9000 W	9000 W	18000 W	18000 W
Pump flow	250 l/min	250 l/min	250 l/min	300 l/min
Pump pressure	2.5 - 4.0 bar	2.5 - 4.0 bar	2.5 - 4.0 bar	2.5 - 4.0 bar
Machine weight	600 kg	750 kg	830 kg	950 kg
Power supply	32 A	32 A	63 A	63 A

✓ **100 % stainless steel construction**
Produced with a stainless steel cabinet, tank cover, electrical cabinet, pumps and heating elements.

✓ **Prepared for extra options**
Prepared for oil skimmer, automatic water filling, extraction fan and filtration system.

✓ **Level sensor**
Used for protection of heating elements and stainless steel pump.

✓ **Rotating spraying system**
Easily maintainable rotating spray system with nozzles from top, bottom and sides.

✓ **Including stainless steel platform**
Includes a powerful stainless steel platform which is available with several customized options and fixtures.

✓ **CE - European Machine Directive**
The spraywasher is produced in accordance with the European Machine Directive.

✓ **Adjustable machine feet**
Placed on adjustable stainless steel machine feet, and can also be supplied on wheels.

✓ **User-friendly analog control**
Simple and reliable user-interface that makes it easy to operate.

✓ **Insulated**
Insulated stainless steel cabinet. Insulation thickness: 30 - 50 mm.

✓ **Integrated stainless steel coarse filter**
Middle-plate including stainless steel coarse filter 400 micron.

✓ **Smart and user-friendly design**
Very compact and user-friendly design makes it easy to access and maintain and makes it possible to load by crane.

✓ **Available as a customized solution**
Available as a customized solution for very large parts or for integration into robot cells.

FRONTLOADER AFP

This is our spray washer for heavy-duty parts with a pneumatic front cover. It is a very compact and reliable cleaning system for a wide range of applications.

Besides from the pneumatic front cover the spraywasher AFP-type is very similar to the AFL-type. It is very easy to operate and is available in five different sizes.

The smart and compact design makes it a good choice for workshops, tools cleaning and after machining of large parts.

Available modules:

- Spray washing
- Spray rinsing
- Hot air drying.

Extra options:

- Filtration system
- Automatic chemical dosing
- Extraction fan
- Automatic water filling
- Oil separator
- Siemens touchscreen
- Motordriven basket.



MODEL	AFP 800	AFP 1000	AFP 1200	AFP 1400	AFP 2000
Volume	300 L	400 L	330 L	390 L	1500 L
Basket size	Ø800 mm	Ø1000 mm	Ø1200 mm	Ø1400 mm	Ø2000 mm
Cleaning height max.	600 mm	700 mm	800 mm	800 mm	1000 mm
Weight capacity max.	350 kg	350 kg	500 kg	500 kg	1200 kg
Temperature	20 - 70 °C				
Heating effect	9000 W	9000 W	18000 W	18000 W	36000 W
Pump flow	200 l/min	200 l/min	250 l/min	300 l/min	500 l/min
Pump pressure	2.5 - 4.0 bar	2.5 - 4.2 bar			
Machine weight	600 kg	750 kg	830 kg	950 kg	1500 kg
Power supply	32 A	32 A	63 A	63 A	80 A
High pressure air	6 bar	6 bar	6 bar	8 bar	8 bar

✓ **100 % stainless steel construction**
Produced with a stainless steel cabinet, tank cover, electrical cabinet, pumps and heating elements.

✓ **Adjustable machine feet**
Placed on adjustable stainless steel machine feet, and can also be supplied on wheels.

✓ **Prepared for extra options**
Prepared for oil skimmer, automatic water filling, extraction fan and filtration system

✓ **User-friendly analog control**
Simple and reliable user-interface that makes it easy to operate.

✓ **Level sensor**
Used for protection of heating elements and stainless steel pump.

✓ **Insulated**
Insulated stainless steel cabinet. Insulation thickness: 30 - 50 mm.

✓ **Rotating spraying system**
Easily maintainable rotating spray system with nozzles from top, bottom and sides.

✓ **Integrated stainless steel coarse filter**
Middle-plate including stainless steel coarse filter 400 micron.

✓ **Including stainless steel platform**
Includes a powerful stainless steel platform which is available with several customized options and fixtures.

✓ **Pneumatic front cover**
The spraywasher comes with a pneumatic front cover operated by a two-hands safety control panel.

✓ **CE - European Machine Directive**
The spraywasher is produced in accordance with the European Machine Directive.

✓ **Available as a customized solution**
Available as a customized solution for very large parts or for integration into robot cells.

ATB

This is our simple and **low-cost washing module** with conveyor. It is a **very compact** and flexible solution, which is **easy to implement**.

The spraywashing system is designed for simple applications where only a washing module is necessary. It is used mostly for washing parts between steps in the manufacturing process.

This is an ideal solution for washing before welding of steel parts, or before assembly depending on the cleanliness requirements.

Available modules:

- Spray washing.

Extra options:

- Filtration system
- Automatic chemical dosing
- Extraction fan
- Automatic water filling
- Oil separator.



MODEL	ATB 200	ATB 400	ATB 600
Belt width	200 mm	400 mm	600 mm
Cleaning height max.	200 mm	200 mm	200 mm
Belt speed	0 - 5 mtr/min	0 - 5 mtr/min	0 - 5 mtr/min
Pump flow	250 l/min	250 l/min	250 l/min
Pressure	2.5 - 3.2 bar	2.5 - 3.2 bar	2.5 - 3.2 bar
Temperature	30 - 60 °C	30 - 60 °C	30 - 60 °C
Heating effect	9000 W	9000 W	9000 W
Tank volume	100 L	100 L	150 L
Inlet and outlet length	600 mm	600 mm	600 mm
Power supply	32 A	32 A	32 A

- ✓ **100 % stainless steel construction**
Produced with a stainless steel cabinet, tank cover, electrical cabinet, pumps and heating elements.
- ✓ **User-friendly analog control**
Simple and reliable user-interface that makes it easy to operate.
- ✓ **Adjustable machine feet**
Placed on adjustable stainless steel machine feet.
- ✓ **Prepared for extra options**
Its prepared for oilskimmer, automatic waterfilling, extraction fan and filtration system.ultrasound.
- ✓ **CE - European machine directive**
The spraywasher is produced in accordance with the European machine directive.
- ✓ **Level sensor**
Used for protection of heating elements and stainless steel pump.

- ✓ **Frequency regulated belt**
Belt speed can be regulated by a analog frequency setting via the control panel.
- ✓ **Smart and user-friendly design**
Its designed with a very compact and user-friendly design which makes its easy to access.
- ✓ **Integrated stainless steel coarse filter**
Middle-plate including stainless steel coarse filter 400 micron.
- ✓ **Highly efficient spraying system**
Its produced with a high flow spraying system combining flat-jet nozzles and point nozzles from all angles inside the machine.

BELTLINE

This is our high quality in-line cleaning system with conveyor. It is designed in modules and customized to meet customer requirements.

The Beltline cleaning system is designed for manufacturing around-the-clock. It is the ideal solution for implementation directly into the production line.

Available modules:

- Spray washing
- Spray rinsing
- Hot air drying.

Extra options:

- Ultrasonic cleaning
- Vacuum drying
- Filtration system
- Oil separator
- Extraction fan
- Customized belts
- Pure-water final rinsing
- Conveyors, pick-and-place systems etc.



MODEL	BELTLINE 200	BELTLINE 400	BELTLINE 600	BELTLINE 800
Belt width	200 mm	400 mm	600 mm	800 mm
Cleaning height max.	300 mm	300 mm	500 mm	500 mm
Belt speed	0 - 5 mtr/min			
Pump flow (each zone)	300 l/min	300 l/min	400 l/min	400 l/min
Pressure (each zone)	2.5 - 3.2 bar			
Temperature	30 - 70 °C			
Heating effect (each zone)	18000 W	18000 W	27000 W	27000 W
Tank volume (each zone)	300 L	300 L	500 L	500 L
Drying power	3500 l/min	5000 l/min	8000 l/min	8000 l/min
Temperature drying	40 - 110°C	40 - 110°C	40 - 110°C	40 - 110°C
Belt loading height	950 mm	950 mm	950 mm	950 mm
Inlet- and outlet length	600 mm	600 mm	600 mm	600 mm

- ✓ **100 % stainless steel construction**
Produced with a stainless steel cabinet, tank cover, electrical cabinet, pumps and heating elements.
- ✓ **Insulated**
Insulated stainless steel cabinet. Insulation thickness: 30 - 50 mm.
- ✓ **Siemens S7-1200 PLC control**
Control panel Siemens S7-1200 PLC and a 7" touchscreen and process visualization.
- ✓ **Designed in modules**
Available with as many modules as the customer requires depending on the application.
- ✓ **Adjustable machine feet**
Placed on adjustable stainless steel machine feet, and can also be supplied on wheels.
- ✓ **Integrated stainless steel coarse filter**
Middle-plate including stainless steel coarse filter 400 micron.
- ✓ **CE - European Machine Directive**
The conveyor washer is produced in accordance with the European Machine Directive.
- ✓ **Level sensor**
Used for protection of heating elements and stainless steel pump.
- ✓ **Frequency regulated belt**
Belt speed can be regulated by a frequency setting via the touchscreen.
- ✓ **Available as a customized solution**
Available as a customized solution with conveyor systems for loading and unloading or robots.
- ✓ **Prepared for extra options**
Prepared for oil separator, extraction fan, automatic chemical dosing and filtration.
- ✓ **Integrated energy surveillance module**
Including a specially developed energy surveillance module for monitoring electrical, water and high pressure air consumption.
- ✓ **Neutral zone**
Integrated 500 mm neutral zone between each module to reduce cross-contamination. The neutral zone is available with a blower.

DRUMLINE

The Drumline spray washing system is designed for **cleaning of high quantities** and is **very efficient** due to the rotation of the parts inside the machine.

The Drumline cleaning system is very similar to the Beltline series in terms of process. It is designed for manufacturing around-the-clock and is normally implemented directly into the production line. The rotating drum transports the parts instead of a conveyor belt through each module.

This is an ideal solution for smaller parts in high quantities for example after stamping.

Available modules:

- Spray washing
- Spray rinsing
- Hot air drying.

Extra options:

- Filtration system
- Oil separator
- Extraction fan
- Automatic chemical dosing.



MODEL	DRUMLINE 2500	DRUMLINE 3500	DRUMLINE 5000	DRUMLINE 7000
Drum diameter	Ø250 mm	Ø350 mm	Ø500 mm	Ø700 mm
Drum perforation	2 - 10 mm	2 - 10 mm	2 - 10 mm	2 - 10 mm
Drum speed	1 - 5 rpm	1 - 5 rpm	1 - 5 rpm	1 - 5 rpm
Screw pitch	150 mm	150 mm	150 mm	150 mm
External dim. (LxWxH)	1900x850x1260	2680x970x1450	3336x1250x1630	5280x1460x1820
Pump flow (washing)	150 l/min	200 l/min	300 l/min	500 l/min
Pump flow (rinsing)	100 l/min	100 l/min	200 l/min	500 l/min
Temperature	30 - 70 °C	30 - 70 °C	30 - 70 °C	30 - 70 °C
Drying power	2500 l/min	3500 l/min	5000 l/min	8000 l/min
Temperature drying	40 - 110 °C	40 - 110 °C	40 - 110 °C	40 - 110 °C
Tank volume (each zone)	140 L	210 L	400 L	900 L

✓ **100 % stainless steel construction**
Produced with a stainless steel cabinet, tank cover, electrical cabinet, pumps and heating elements.

✓ **Insulated**
Insulated stainless steel cabinet. Insulation thickness: 30 - 50 mm.

✓ **Siemens S7-1200 PLC control**
Control panel Siemens S7-1200 PLC and a 7" touchscreen and process visualization.

✓ **Designed in modules**
Available with as many modules as the customer requires depending on the application.

✓ **Adjustable machine feet**
Placed on adjustable stainless steel machine feet, and can also be supplied on wheels.

✓ **Integrated stainless steel coarse filter**
Middle-plate including stainless steel coarse filter 400 micron.

✓ **CE - European Machine Directive**
The drum washer is produced in accordance with the European Machine Directive.

✓ **Level sensor**
Used for protection of heating elements and stainless steel pump.

✓ **Adjustable drum speed**
Drum speed can be regulated by a frequency setting via the touchscreen.

✓ **Available as a customized solution**
Available as a customized solution with conveyer systems for loading- and unloading etc.

✓ **Prepared for extra options**
Prepared for oil separator, extraction fan, automatic chemical dosing and filtration.

✓ **Integrated energy surveillance module**
Including a specially developed energy surveillance module for monitoring electrical, water and high pressure air consumption.

ROTOLINE

This is our **rotating basket system** designed for **high precision** cleaning of complex parts. It is designed in modules and **customized to meet customer requirements**.

The Rotoline cleaning system is a powerful and robust solution for complex parts such as hydraulic blocks, moulding tools etc.

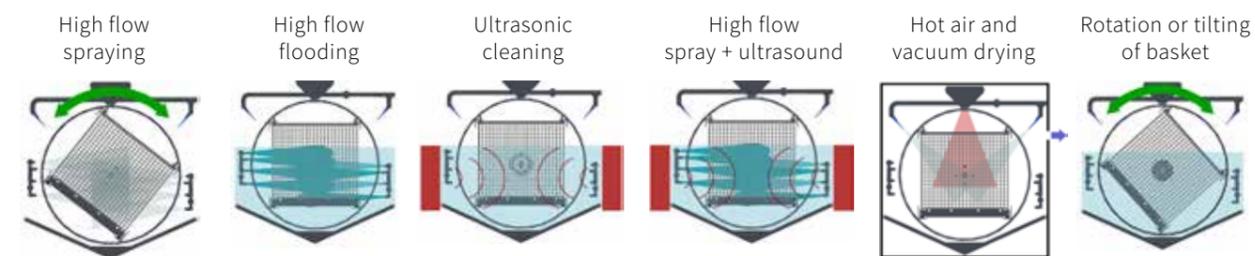
The Rotoline can be delivered as a single-chamber solution or in separated modules.

It is available as a manual or fully automated solution with conveyor system according to customer requirements.

Extra options:

- Filtration system
- Oilseparator
- Automatic chemical dosing
- Customized conveyor systems
- Extraction fan
- pH- and conductivity meter
- Baskets and fixtures.

Available modules:



MODEL	ROTOLINE 530	ROTOLINE 600	ROTOLINE 1200
Basket size (LxWxH)	521x321x200 mm	600x400x330 mm	1200x400x330 mm
Max. basket weight	30 kg	100 kg	150 kg
Basket capacity (each hour)	3 - 6	3 - 6	3 - 6
Pump pressure	2.5 - 3.2 bar	5 - 9 bar	5 - 9 bar
Pump flow	250 l/min	260 - 400 l/min	260 - 400 l/min
Tank volume (each tank)	250 L	750 L	1100 L
Heating power	18000 W	18000 W	36000 W
Temperature	30 - 70 °C	30 - 70 °C	30 - 70 °C
Power supply	35 A	35 A	63 A
High pressure air	6 bar	6 bar	6 bar



- ✓ **100 % stainless steel construction**
Produced with a stainless steel cabinet, tank cover, electrical cabinet, pumps and heating elements.
- ✓ **CE - European Machine Directive**
The rotating basket washer is produced in accordance with the European Machine Directive.
- ✓ **Insulated**
Insulated stainless steel cabinet. Insulation thickness: 30 - 50 mm.
- ✓ **Level sensor**
Used for protection of heating elements and stainless steel pump.
- ✓ **Siemens S7-1200 PLC control**
Control panel Siemens S7-1200 PLC and a 7" touchscreen and process visualization.
- ✓ **Adjustment of rotation**
It is possible to adjust rotation speed and choose between tilting and rotation.
- ✓ **Designed in modules**
Available with as many modules as the customer requires depending on the application.
- ✓ **Available as a customized solution**
Available as a customized solution with conveyor systems for loading and unloading or robots.
- ✓ **Adjustable machine feet**
Placed on adjustable stainless steel machine feet, and can also be supplied on wheels.
- ✓ **Prepared for extra options**
Prepared for oil separator, extraction fan, automatic chemical dosing and filtration.
- ✓ **Integrated stainless steel coarse filter**
Middle-plate including stainless steel coarse filter 400 micron.

CUSTOMIZED SYSTEMS

We have more than **30 years experience** with customized solutions for parts cleaning.

Our experience includes filtration systems, RO-water systems, particle measurement, conveyor systems, pick-and-place systems and robots which we can implement with our industrial cleaning solutions.

Contact us for more information about how we can improve your cleaning process. Below you will find some of our customized solutions designed for customers.

Facts:

Part: Brake pedals

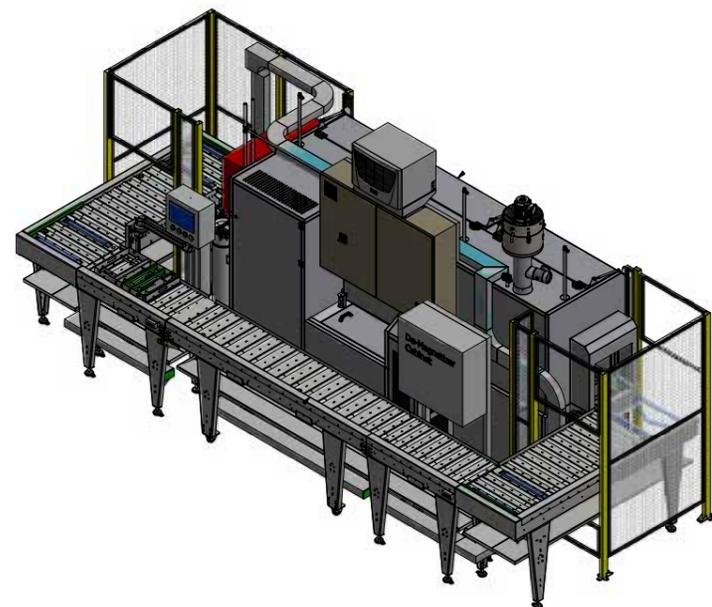
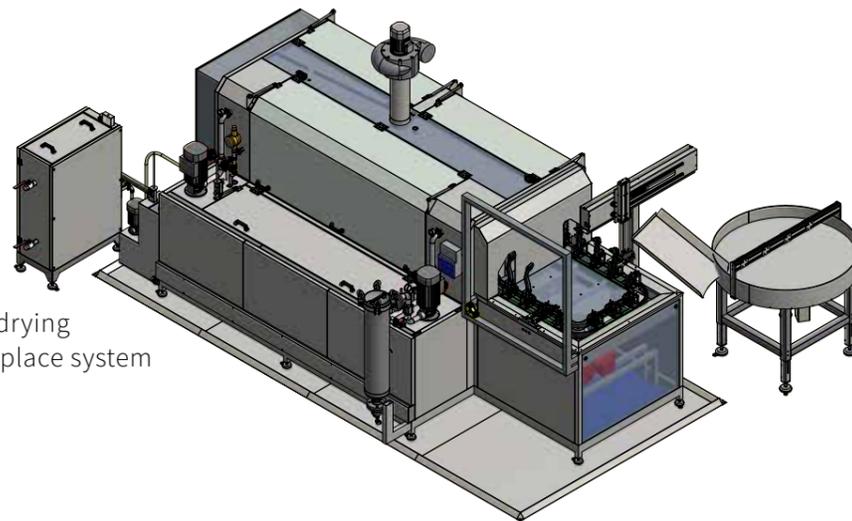
Material: Aluminium

Application: Robot handling

Process: Washing, rinsing and drying

Customized options: Pick-and-place system

Location: Czech Republic.



Facts:

Part: Stamping tools

Material: Hardened steel

Application: Maintenance

Process: Ultrasonic, spray washing and drying

Customized options: Conveyor system, demagnetizer

Location: Vietnam, Netherlands.

Facts:

Part: Profiles for car frames

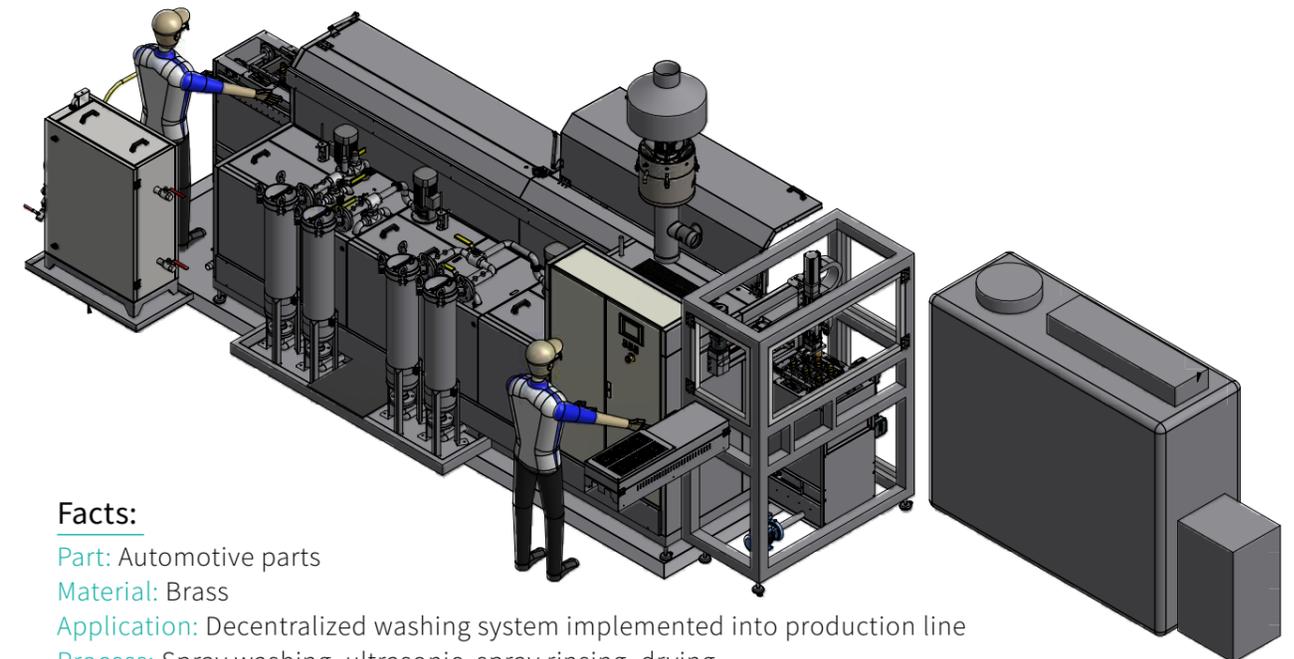
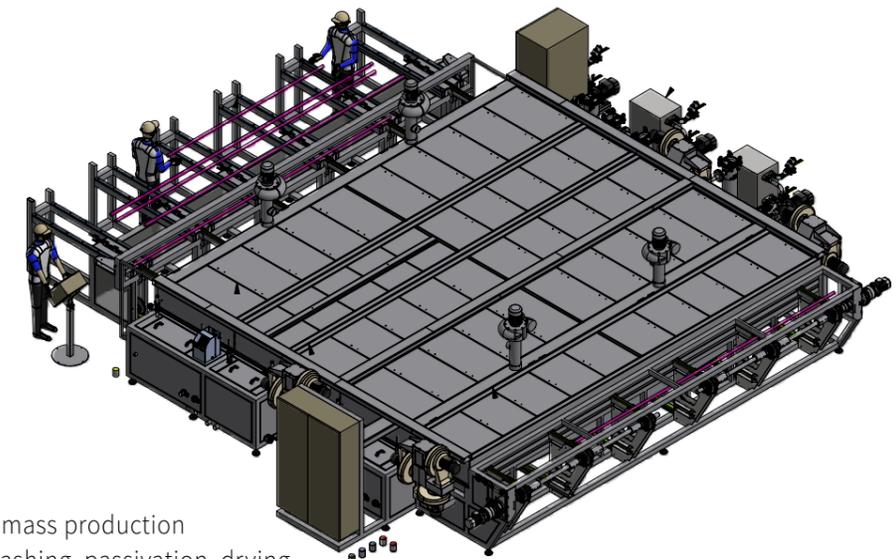
Material: Steel

Application: Profiles up to 6000 mm, mass production

Process: Ultrasonic washing, spray washing, passivation, drying

Customized options: Specially designed loading mechanism for profiles, large scale system

Location: Russia.



Facts:

Part: Automotive parts

Material: Brass

Application: Decentralized washing system implemented into production line

Process: Spray washing, ultrasonic, spray rinsing, drying

Customized options: Pick-and-place system

Location: Germany.

ACCESSORIES



Oil separators

Choose between several oil separators manufactured by Anmasi depending on the application and amount of oils.



Stainless steel filter housing

Filter housings in stainless steel using either filter cartridges or bags depending on the application. We are experts in filtration washing fluids and can help you reduce water and chemical consumption.



Cleaning chemicals

With more than 40 different cleaning chemicals in stock at our headquarters, we have a chemical solution for almost every cleaning application.



Hydrostatic band filters

We design and manufacture our own filtration systems for process fluids, lubricants and oils. Achieve the best cleaning with efficient centralized filtration systems, with low maintenance cost and high capacity.



Filter bags

Filter bags, cartridges and paper for every application. We always have more than 50 different filter types in stock for delivery within a few business days to ensure your efficiency.



Fixtures and holders

We provide a wide range of standard fixtures suitable for most applications, and we have extensive experience in designing customized fixtures.



Electric automatic chemical dosing pumps

Use an electric dosing system for controlling your chemicals and lower consumption using parameters such as pH-value and conductivity to monitor and add cleaning chemicals.



Baskets

Standard and customized baskets, basket covers, inlay plates and much more for cleaning systems.



Conveyor systems

We design and manufacture conveyor systems for transportation of baskets and parts. Contact us for more information about customized conveyors for your cleaning system.



Steam condensation units

The condensation unit is turning the vapors/steam into water which is being recycled into the machine. This limits the consumption of water and chemicals, and at the same time reduces vapors from the machine.

CONTACT

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Mail.: info@anmasi.de
Web.: www.anmasi.de

PRODUCTION PLANTS

Anmasi - Dansk Staalfilter Industri

Sjørslevvej 33
DK-8620, Kjellerup

Anmasi - Compact Clean

Møllevej 3
DK-8630, Jægerspris

Anmasi - KSN Industri

Baldersvej 2
DK-8850, Bjerringbro



Please contact us for more information about resellers worldwide. We have well-established sales agents all over Europe and partners in the United States, Russia, China and Canada

