

# SCREW BLOWER DELTA HYBRID

Volume flows from 100 m<sup>3</sup>/h to 9.000 m<sup>3</sup>/h



**AERZEN**

# DELTA HYBRID. EFFICIENCY AS COMPRESSION PRINCIPLE.

In a time of fiercely contested markets and increasing competition, a company with more than 150 years of history has become a rarity. Today, AERZEN is one of the few family-owned companies that remains well known for consistent quality and powerful innovations. The impressive performance of Delta Hybrid screw blowers proves this once again, setting new standards in reliability and energy efficiency.

## AERZEN – A tradition of innovation

Founded in 1864, today Aerzener Maschinenfabrik is a world leader in compressor technology. Used in countless applications, AERZEN positive displacement blowers, turbo blowers, and screw compressors have been renowned worldwide for decades. A dedicated R&D department ensures that AERZEN technology undergoes continual development. Pioneering innovations developed by the department, such as Delta Hybrid, the world's first rotary lobe compressor resp. screw blower, and the Aerzen Turbo with air bearings, have exerted a major influence on technological progress. It is all in keeping with our company's motto: 'Expect performance'.

## Energy consumption: a key issue in the future

With increasing demand for resilient, lasting technology that offers minimal energy consumption and high performance, rising energy costs and dwindling resources are of greater concern to companies, researchers, and end users now more than ever before. The increasing scarcity of resources gives particular cause for concern. Basic industrial processes are associated with some of the highest energy costs. Processes

involving pumps and compressors, regardless of type, account for the highest percentage of total energy costs – 30%. This affects wastewater treatment applications as well. The treatment of wastewater in aeration tanks consumes a staggering 60% to 80% of the total energy required by a wastewater treatment plant. It is the right time to construct a future with technologies based on low energy costs and sustainability.

## The right solution for every application

AERZEN successfully introduced its innovative, rotary lobe compressors resp. screw blowers to the market in 2010. Today, more than 10.000 installations worldwide attest to its superior reliability, and low energy and maintenance costs. AERZEN's screw blowers are used for a wide range of different applications, including oxygen supply in the biological processes of wastewater treatment plants, fermentation in yeast production, providing oxidation air for lime and cement production, pneumatic conveying, textile and many more...



WHEN IT COMES TO SCREW BLOWER TECHNOLOGY,  
DELTA HYBRID IS PIONEER.



# EXTEND THE FIELD OF OPERATION. USE THE GREATEST VARIETY OF APPLICATIONS.

Delta Hybrid operates in an extremely wide range of key industrial applications in wastewater and pneumatic conveying. The machines are designed for the oil-free conveyance of air for positive pressure applications with the nominal widths from DN 100 to DN 300.

## Extended pressure ranges, suitable for more applications.

The versatile packages extend the range of applications to a pressure difference of up to 1,500 mbar (series H). Delta Hybrid thus impressively closes the gap in the existing machine park. Remark: Because conventional rotary lobe blowers are limited to a maximum pressure difference of 1,000 mbar due to their design principle, other types of compressors had to be used for higher pressure ranges in the past. However, some of these were designed for significantly higher pressures and thus also involved higher investment costs.

## Hotter temperatures. More safety.

Delta Hybrid screw blowers can be used globally. Also in zones where extreme ambient temperatures of -40°C to +50°C prevail. With Delta Hybrid, discharge temperatures of up to 230 °C are possible today. The prerequisite for operational reliability in all processes.

## AERZEN Engineering.

A flexible modular system for Delta Hybrid enables all possible screw blowers and motor sizes for belt drive to be built or subsequently adapted within a nominal diameter range. Where a standard solution is not sufficient, AERZEN develops special designs or special machine configurations. Always with an eye on making the process performance as effective as possible for every power requirement. Special designs include ATEX-compliant machines, special motors, acoustic hoods for special noise reduction or for extreme ambient conditions, special oils suitable for food and beverage and intake filters with a higher filter class.



Reliable positive pressure and ATEX compliance:  
powerful combination for pneumatics



Wide turndown ratio and customized  
machines - suitable for every process  
requirement

## Applications

- Wastewater treatment
- Drinking water treatment
- Pneumatic conveying of bulk materials (suction/pressure pneumatics)
- Aeration of rivers and lakes and much more

## Industries

- Wastewater Treatment Plants
- Chemistry and process engineering
- Glass and paper
- Food
- Cement and much more



# SAVE ENERGY. THE BEST FOR THE CORPORATE AND ECOLOGICAL BALANCE SHEET.

Around 90% of the life cycle costs of a compressor are energy costs. A number that becomes a challenge. Wherever environmental concerns and global competition require the mobilisation of all potential. AERZEN meets this challenge like this: up to 30% energy saving compared to conventional lobe blowers. With a ROI that can be achieved after few months, depending on volume flow and pressure. That is what the Delta Hybrid represents.



## Two technologies. One package.

Delta Hybrid is the perfect synthesis of positive displacement blower and screw compressor. Unlike the conventional positive displacement blower (max. 1,000 mbar), the innovative screw blower uses a new and unique 3+4 compressor profile, which is specially designed for low pressure applications up to 1,500 mbar.

Delta Hybrid thus closes the gap in the previous machine mix and offers a wide range of services for precise design to meet the most diverse process requirements. The result is a new level of cost efficiency for compressed air applications.

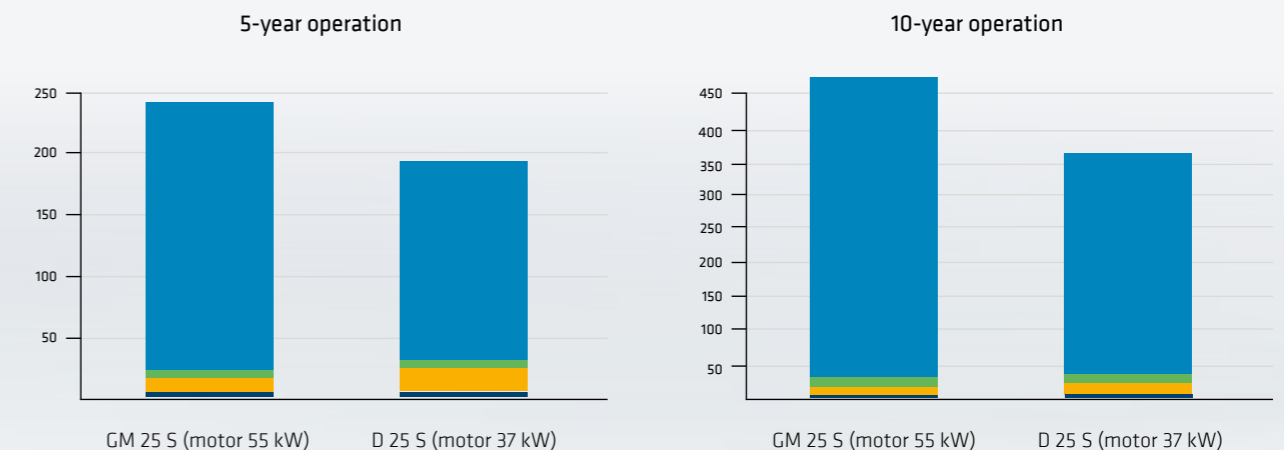
### Just clever:

The belt-driven versions of the Delta Hybrid have the significant advantage of having 98% of efficiency and being designed to meet customer demand. Since the greatest advantage comes from the energy that does not need to be used. For example, a deviation in the volume flow of 5% means an increased energy consumption of 5%!

## Energy saving arises from many details:

- New and unique screw compressor profile
- Very high volume flow control range up to 1:5
- Patented suction cone for reduced pressure losses
- Optimised air flow in the acoustic hood. Leads to the intake of cold air and thus increases the compression efficiency.
- Flow technically improved inlet and outlet contour. They ensure ideal air flow in the compressor stage and reduce backflow losses.
- Optimised nominal sizes that generate less pressure losses
- Patented silencer. It does completely without absorption material and reduces pressure losses und pipe noise to a minimum.
- Electrically driven acoustic hood fan
- Special silencer insulation. It stands for low acoustic hood temperatures and increases thereby the compression efficiency
- Premium Efficiency (IE3 motors) or Super Premium Efficiency (IE4 motors)
- Stable operation even with large pressure fluctuations and extreme inlet temperatures (e.g. in summer or winter operation)
- Belt drive for precise volume flow design and fast adjustment of the required compressed air

## LCC comparison GM 25 S and D 25 S



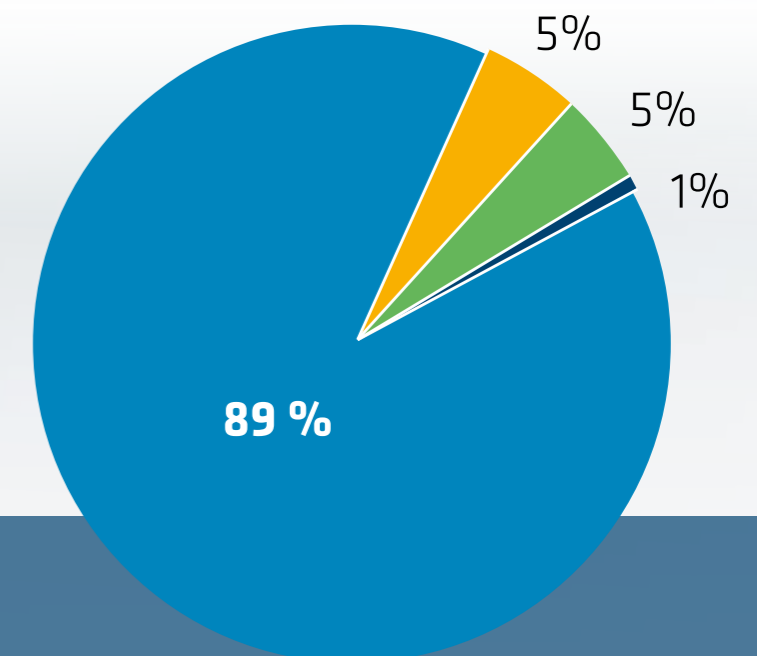
Operating data: 23 m<sup>3</sup>/min, 900 mbar delta p, 6000 operating hours/year  
Savings of around 50 KEuro; ROI: < 1 year

Operating data: 23 m<sup>3</sup>/min, 900 mbar delta p, 6000 operating hours/year  
Savings of around 100 KEuro; ROI: < 1 year

## Reduction of Life-Cycle-Costs

Average operating costs of a compressed air generator over 10 years:

- Energy
- Investment
- Maintenance
- Installation





# DELTA HYBRID MADE BY AERZEN: DECADES OF EXPERIENCE COMPRESSED IN ONE TECHNOLOGY



Patented bearing  
of Delta Hybrid

## Advantages:

- ✓ Highest energy efficiency
- ✓ Reduced life cycle costs
- ✓ Belt drive: the best mix for efficiency, precise design, flexibility and maintenance
- ✓ High reliability and durability also under extreme conditions
- ✓ Largest volume flow control range
- ✓ Reduced maintenance effort
- ✓ 100% oil and absorption material free process air
- ✓ Safe and predictive operation thanks to AERtronic
- ✓ Made by AERZEN

## Absorbent-free - guaranteed.

Because wearing absorption materials endanger the safe operation, the R&D department at AERZEN has come up with something special and patented it: A discharge silencer completely without absorption material. It reduces the sound exclusively by air deflection. Safety that a downstream process system cannot be contaminated. In wastewater technology, for example, this prevents the clogging of aeration systems and eliminates cost-intensive maintenance work or operating restrictions. In pneumatic conveying of bulk materials, this contributes to food suitability.

## A long life ahead.

Durability is a question of careful material selection and quality of workmanship. But it is also the result of extensive development work. In relation to Delta Hybrid, this includes special drive and conveying chamber sealings that impress with minimal wear.

Another example is the patented bearing of AERZEN. At a pressure difference of 1,000 mbar it extends the nominal bearing life to more than 60,000 hours  $L_{h_{10}}$ .



EFFICIENCY AS A COMPRESSION PRINCIPLE.  
THE BEST FOR THE COMPANY AND ECOLOGICAL  
BALANCE SHEET.

# THERE IS NO MORE COMFORTABLE WAY TO GENERATE PRESSURE.

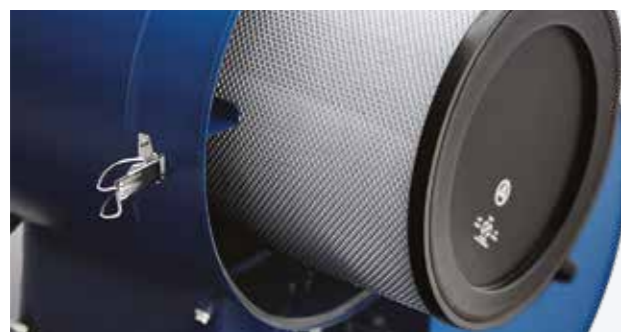
This also saves resources: Delta Hybrid packages are ready for immediate use upon delivery. The effort for the engineering, the optimal configuration, the precise design for your process: all this is done beforehand at AERZEN. And from a single source. We call this delivery concept all-in. What we mean by this is: there is no easier way to bring sophisticated compressor technology to the start.



Delta Hybrid design from front side



Delta Hybrid design from rear side



Easy to maintain:  
AERZEN Air filter cartridge

## Intelligent additions. Accessories:

- Acoustic hood for indoor or outdoor installation with electrically driven acoustic hood fan, according to ErP-Directive 2009/125/EG
- Start unloading device (necessary for star-delta and DOL operation)
- Extensions for the AERtronic (additional interfaces, ready for Industry 4.0, vibration monitoring)
- Maintenance packages for 1-year, 2-year or 5-year operation

## Modifications and Options:

- Certifications according to ASME, China Licence, UL, UK CA and EAC
- ATEX compliant design
- Acoustic hood for desert installation with special sand separator
- Acoustic hood for earthquake resistance and increased wind loads
- Acoustic hood for low temperatures down to minus -40°C with heating and gravity louvers
- Ship installation
- Separate power cabinet (frequency inverter, star-delta, DOL, soft starter), also as integrated all-in-one solution
- Special painting
- Customer and special motors
- Foodgrade oil usage

## Configured ready for connection: The scope of supply.

- AERZEN screw blower - stage with integrated oil system
  - Oil pump (exception D 62 S/H)
  - Forced oil lubrication for long bearing life
  - Most types even manage without oil cooler
  - Wear-free sealings for drive shaft and conveying chamber guarantee 100% oil free compression of air
- Electrical negative pressure generator for safe oil chamber deaeration
- Self-tensioning belt drive
- Multifunctional hinged motor mounting plate lifting device for safe transport or for mounting or changing belts
- Proven high-performance V-belt drive
- Three-phase motor with energy efficiency class IE3 or IE4
- Base frame with reactive integrated discharge silencer (absorption-free)
- Vibration damping, elastic machine feet
- Connection housing including non-return valve
- Flexible rubber sleeve with clamps or flange compensator
- Pressure valve according to PED
- Completely connected and wired pressure and temperature sensors
- AERZEN AERtronic control for efficient and safe operation of the entire system with display and monitoring of intake, discharge and oil pressure, as well as discharge and oil temperature
- Filter silencer with integrated filter cartridge
- Complete documentation
- Delta lube oil



Always the right choice: AERZEN Original spare parts



Very easy to operate: AERZEN Multifunctional base frame with hinged motor mounting plate



# D13S, D17S, D25S AND D30S

## NEW SIZES FOR THE WIDEST SCREW BLOWER PORTFOLIO ON THE MARKET

D13S, D17S, D25S and D30S - Customer satisfaction is the first goal of AERZEN. This is why it has been decided to expand our Delta Hybrid range. AERZEN wants to provide you a perfect match especially regarding volume flow and turndown request. Other features have been added to the machine in order to maximize customer experience.



### Compact integrated starter solution consisting of

- Integrated power supply cabinet keeping the same footprint
- Available starters: frequency converter, Star-delta, DOL, Soft starter
- Pre-assembled electrical cubicle with all needed components such as modules, transformers, etc.
- Proper ventilation system to guarantee supreme reliability of the electrical components
- Emergency stop button
- In case of variable speed solution use of Danfoss Aqua frequency converter equipped with integrated Local control panel and EMC filter for a secure operation of the complete unit

### Preventive maintenance and other options:

- Maintenance packages for 1-year, 2-year or 5-year operation
- Extensions for the AERtronic (additional interfaces, ready for Industry 4.0, vibration monitoring)
- Intake by pipe
- Start unloading device
- Integrated spark arrester with TÜV certificate
- Additional soundproofing measures for high demanding requirements
- ATEX, internal zone 22
- Rain protection for outdoor installation
- Belt guard
- Special painting
- Foodgrade oil usage
- Stand-alone electrical power supply cabinet
- Further accessories or modifications on request

### Everything is needed in a single package.

- AERZEN screw blower stage with superior energy efficiency equipped with:
  - New and unique 3+4 screw profile rotors w/o coating
  - Bearings having a lifetime of even more than 70.000 Oh at max. speed and pressure
  - Wear-free sealings for the drive shaft and the conveying chamber guarantee 100% oil free compression of air
- Electrically driven oil pump for forced lubrication and long bearing lifetime
- Oil-cooler if needed, for high demanding application
- Electrical negative pressure generator for safe oil chamber deaeration
- Acoustic hood for indoor installation (outdoor optional)
- Separate air intake channels for process air and effective cooling under the acoustic hood
- Electrically driven acoustic hood fan
- Hinged motor mounting plate for automatic V-belt tension and for safety during transport or for placing or changing belts
- Proven high-performance V-belt drive
- Filter silencer with integrated filter cartridge
- Three-phase motor with energy efficiency class IE4
- Base frame with reactive integrated discharge silencer (absorption-free)
- Vibration damping, elastic machine feet
- Connection housing including non-return valve
- Flange compensator or flexible rubber sleeve with clamps
- Pressure valve according to PED
- Oil level switch for safe operation
- Electrical cabinet with completely connected and wired pressure and temperature sensors
- AERZEN AERtronic control for efficient and safe operation of the entire system with display and monitoring of intake, discharge and oil pressure, as well as discharge and oil temperature
- Complete documentation
- Delta lube oil

# MOVING AHEAD OUR PROCESSES, ECONOMICALLY. FROM A AS IN ASSEMBLY TO Z AS IN ZONE SEPARATION FILTER.

Easy installation and commissioning, minimum maintenance: these characteristics are also directly reflected into the cost balance. A good reason for AERZEN to keep a special eye on them during the development of the Delta Hybrid Generation. The results convince even the smartest customers.

## Highest energy efficiency

- New and unique 3+4 rotor profile
- Energy savings up to 30% compared to lobe blowers
- Extended turndown up to 1:5
- Optimized air flow within the acoustic hood
- Belt drive to match exactly the process requirements

## Extremely compact design

- Space-saving side-by-side installation
- Smaller dimensioning of machine rooms
- Easy access for service and maintenance work
- Integrated power supply panel having the same footprint

## Easy transport

- With pallet truck or forklift truck
- Safe due to innovative hoist for hinged motor mounting plate

## Plug & Play

- Completely pre-installed unit
- Immediately ready for connection and operation
- Included service package for commissioning

## Multifunctional base frame with integrated hinged motor mounting plate

- Transport safety lock
- Easy and safe assembly of V-belts
- Mobile installation of assemblies (e.g. ship installation/earthquake design)
- Supports even heavy motors

## Belt drive and hinged motor mounting plate

- Fully automatic and maintenance-free belt tension
- Easy and cost-effective installation or replacement of the V-belts
- Precise transmission to meet exact customer requirements
- Subsequent power adjustment is quick and easy
- Mechanical, vibrational and electrical decoupling of motor and stage

## ATEX certified for dust-zone (optional)

- Discharge silencer certified as spark arrestor for ATEX



## Comfortable operating concept

- Operation and maintenance by front and rear side
- Oil level monitoring at running machine / no need to interrupt customer process

## AERZEN machine control "AERtronic"

- Control and monitoring of the package
- Numerous interfaces: Profibus, Modbus RTU, Modbus TCP, Profinet etc.

## Smart oil system

- Doubled oil change intervals. Extended to up to 16,000 operating hours
- Elimination of the initial oil change
- Oil level monitored during operation.
- Forced lubrication thanks to an oil pump
- Oil instead of grease. Oil-lubricated bearings (oil injection) increase the service life
- Can also be operated with foodgrade oil

## Safety first:

### no contamination of customer product and process

- Oil-free process air for sensitive applications. For example, in the chemical and food & beverage industries
- TÜV-certified according to ISO 8573-1 class 0
- No presence and therefore no release of absorption material from the outlet silencer
- No coating of the screw rotors

## Intelligently reduced sound levels

- Patented discharge silencer w/o any absorption material
- Silencing exclusively by air deflection
- Innovative pulsation reduction in the compressor stage
- Patented suction cone to reduce inlet noises
- Optimised acoustic hood

## Pressure valve approval according to PED directive

- Optional version according to ASME available



# THE NEW AERTRONIC. THE PATH TO THE DIGITAL FUTURE.

With the new edition of the AERtronic control system AERZEN paves the way to more digitisation and monitoring capabilities in compressed air generation. AERtronic offers a user-friendly and clear possibility for the analysis and processing of relevant process parameters and thus provides more transparency, safety and efficiency. AERtronic sets a new standard. It is installed as standard in all Delta Hybrid packages.



### Always at the optimum operating point

In the new control system, all measured values converge and are systematically evaluated. This makes it possible to transfer the data to the production control system via common interfaces and to run the plant always at the optimum operating point. Operators can achieve full protection and align processes for maximum effectiveness. The integrated maintenance book also makes it easier to plan maintenances and, thus, increases their efficiency.

### Advantages at a glance

- Process analysis and associated avoidance of quality or performance problems
- Direct connection to the master process control system
- Provision of all process parameters as well as maintenance and error information on the display, via interface and WebView
- Simplest possibility of holistic process observation thanks to comprehensive system connection, made possible by the provision of all common interfaces
- Full protection of your machine technology
- Transparent visualisation via 7" touch and user-friendly interface
- Prepared for Industry 4.0 and Water 4.0 applications

### Three variants for individual requirements

	Basic	Advanced	Premium	
Digital Display instrument	7" full touchscreen display	✓	✓	✓
	Digital display of all measured parameters	✓	✓	✓
	Display of warnings, faults and maintenances	✓	✓	✓
	Design for indoor and outdoor installation up to IP65 and ambient temperatures in operation from -20°C to +55°C	✓	✓	✓
	Machine control by start signal	✓	✓	✓
	Extensive language selection	✓	✓	✓
	Functional extensions via activation codes	✓	✓	✓
	Emergency shutdown in case of machine malfunctions	✓	✓	✓
	Process data storage on SD card	✓	✓	✓
	Process control connection via Modbus RTU (RS485)	✓	✓	✓
Process control connection via Modbus TCP (RJ45),	Option	Option	✓	
Active plant and process control	Visualisation of the measurement data via trend graphs	x	✓	✓
	On-site on/off switching via touch	x	✓	✓
	Integration of special sensors and actuators	x	✓	✓
	Function update via SD card	x	✓	✓
	Remote control of the machine via bus and digital communication	x	✓	✓
	Process control connection via ProfiNet® or ProfiBus®	x	Option	Option
	Process control connection via EtherNet/IP	x	Option	Option
Process control according to set pressure and oxygen content in the customer system	x	Option	Option	
Remote monitoring and optimisation in the cloud	Connection to Aerzen Digital Platform via 4G/LTE modem	x	x	✓
	AERprogress Machine Park Management: Live monitoring with remote access from anywhere	x	x	✓
	AERprogress Improvement System: Increase of machines and plant efficiency	x	x	Option
	AERprogress Consumption Certification: Reports according to energy management standard ISO 50001:2018	x	x	Option
	AERprogress Availability Management: Optimising the Availability	x	x	Option
AERprogress Usage-based Maintenance: Maximisation of maintenance intervals	x	x	Option	

AERprogress is the digital services provided by AERZEN Digital Systems to increase the energy efficiency, availability and reliability of AERZEN machines. AERprogress ensures maximum transparency in the processes and helps to sustainably optimise the cost structure in Machine Life Cycle Cost Management.

The smart way to more safety and transparency in the process air system - the new AERtronic



The development of the new AERtronic series always focused on the customer requirements of the various industries. Therefore, AERZEN offers the communication-capable control system in three different versions: Basic, Advanced and Premium. The variants differ in terms of their range of functions and are adapted to the individual requirements of the plant operator in terms of connection and application.



Mobile visualisation of process data

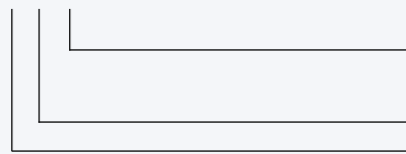
# DELTA HYBRID IN FIGURES PLAN

## YOUR EFFICIENCY GAIN IN THE COMPRESSION PROCESS.

The innovative Delta Hybrid screw blower series is available in the H and S designs with a total of 14 sizes. For volume flows from approx. 100 to 9.000 m<sup>3</sup>/h and positive pressures up to 1,500 mbar. A wide range of machines for precise design and therefore a high variety of processes.

### Explanation of the type designation:

Example: D 62 S



Type of construction:  
 H = Pressure difference up to 1.500 mbar  
 S = Pressure difference up to 1.000 mbar

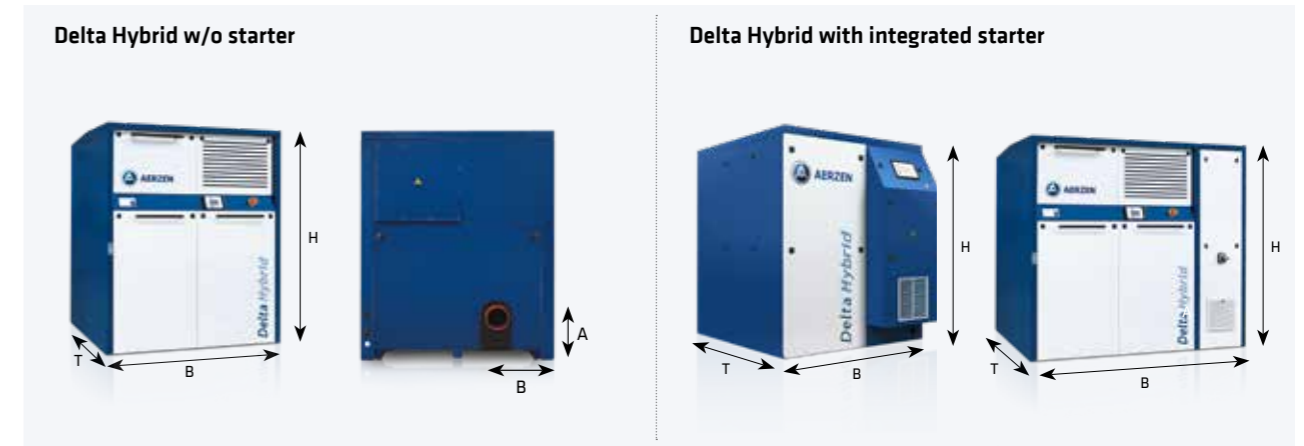
Max. volume flow in m<sup>3</sup>/min (approx.)  
 Screw blower

Positive pressure				
Size	Differential pressure max. mbar	Volume flow max. m <sup>3</sup> /h *	Motor rating max. kW	Sound pressure level max. dB (A) **
D 12 H	1.500	670	37	73
D 12 S	1.000	690	30	72
D 13 S	1.000	775	30	72
D 17 S	1.000	1.010	37	73
D 19 S	1.000	1.140	45	75
D 24 H	1.500	1.370	75	76
D 24 S	1.000	1.390	55	74
D 25 S	1.000	1.440	45	74
D 29 S	1.000	1.740	75	73
D 30 S	1.000	1.780	55	75
D 36 H	1.500	1.900	110	76
D 36 S	1.000	2.150	75	76
D 52 S	1.000	3.120	110	77
D 62 H	1.500	3.400	160	81
D 62 S	1.000	3.500	110	79
D 76 H	1.500	4.440	160	79
D 76 S	1.000	4.550	160	77
D 98 H	1.500	5.600	250	81
D 98 S	1.000	5.800	200	79
D 152 H	1.500	8.700	400	81
D 152 S	1.000	8.900	315	80

Product is subject to technical change

\* corresponds to the delivered volume flow measured according to ISO 1217 and converted to the reference suction conditions according to the (informative) enclosure F of ISO 1217 [inlet pressure = 1.0 bar / inlet temperature = 20°C, rH = 0%]

\*\* Machine noise with acoustic hood and connected, insulated piping, tolerance ± 2 dB(A)



Dimensions and weights (subject to technical changes)

### Delta Hybrid w/o starter

Size	B mm	T mm	H mm	Nominal size DN	Weight with acoustic hood kg
D 12 S/H	1.250	1.350	1.500	100	590
D 13 S	1.250	1.350	1.500	100	460
D 17 S	1.250	1.350	1.500	125	470
D 19 S	1.250	1.350	1.500	100	635
D 24 S/H	1.250	1.350	1.500	125	635
D 25 S	1.250	1.350	1.500	125	570
D 29 S	1.500	1.800	1.980	150	1.098
D 30 S	1.250	1.350	1.500	150	580
D 36 S/H	1.500	1.800	1.980	150	1.098
D 52 S	1.500	1.800	1.980	150	1.230
D 62 S/H	1.700	2.055	2.111	200	1.530
D 76 S/H	1.700	2.055	2.111	200	1.998
D 98 S/H	1.900	2.200	2.345	250	2.100
D 152 S/H	2.100	2.850	2.345	300	3.500

Weight w/o drive motor

### Delta Hybrid with integrated starter

Size	B mm	T mm	H mm	A mm	B mm	Nominal size DN	Weight with acoustic hood kg
D 12 S/H	1.850	1.350	1.500	311	375	100	740
D 13 S	1.250	1.350	1.500	321	352	100	510
D 17 S	1.250	1.350	1.500	321	352	125	520
D 19 S	1.850	1.350	1.500	311	375	100	785
D 24 S/H	1.850	1.350	1.500	311	375	125	785
D 25 S	1.250	1.350	1.500	323	352	125	630
D 29 S	2.100	1.800	1.900	377	435	150	1.400
D 30 S	1.250	1.350	1.500	323	352	150	640
D 36 S/H	2.100	1.800	1.900	377	435	150	1.400
D 52 S	2.100	1.800	1.900	377	435	150	1.400
D 62 S/H	2.300	2.055	2.111	376	525	200	1.880
D 76 S	2.300	2.055	2.111	376	525	200	2.350

Weights w/o drive motor, power electronics



**AERZEN. Compression is the key to success.**

AERZEN was founded in 1864 as Aerzener Maschinenfabrik. In 1868, we built Europe's first positive displacement blower. The first Turbo blowers followed in 1911, the first screw compressor in 1943, and in 2010 the world's first screw blower unit. Innovations made by AERZEN keep driving forward the development of compressor technology. Today, AERZEN is among the world's longest established and most significant manufacturers of positive displacement blowers, screw blowers, screw compressors and turbo blowers. And AERZEN is among

the undisputed market leaders in many areas of application. In more than 50 subsidiary companies around the world, over 2,500 experienced employees are working hard to shape the future of compressor technology. Their technical competence, our international network of experts and the constant feedback with our customers are the basis of our success. AERZEN products and services set standard. in terms of reliability, value and efficiency. Challenge us.



**FIND YOUR  
LOCAL CONTACT**

[www.aerzen.com/worldwide](http://www.aerzen.com/worldwide)



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