

Rental Book 2022

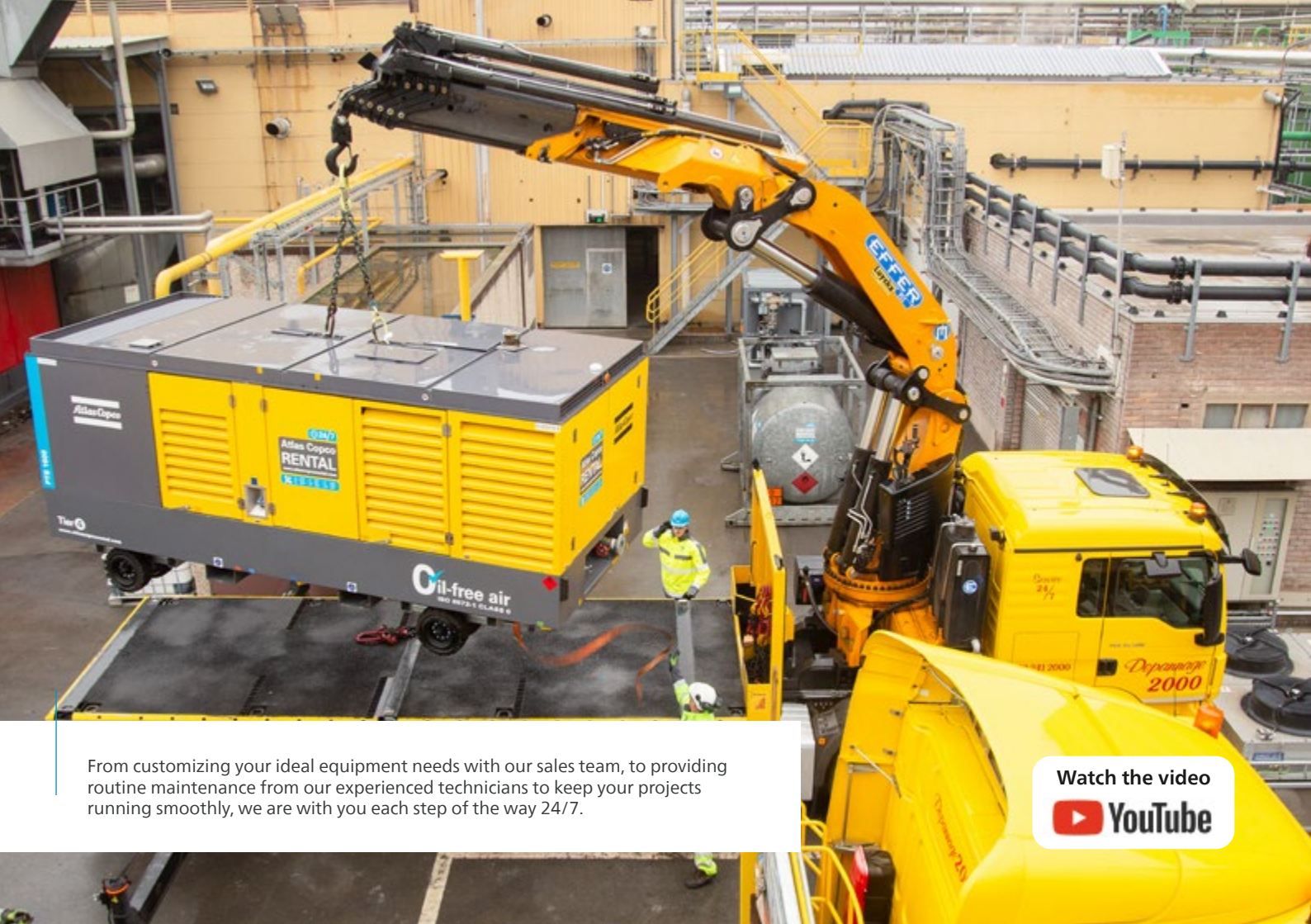
The right solution,
whatever the application



Atlas Copco



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From customizing your ideal equipment needs with our sales team, to providing routine maintenance from our experienced technicians to keep your projects running smoothly, we are with you each step of the way 24/7.

Watch the video



We'll handle it

A planned maintenance to your compressor installation?

An urgent need for extra nitrogen?

A breakdown of your power supply?

Atlas Copco Rental is just one phone call away. **We engineer a solution** that is tailored to your specific requirements, whether you need **temporary air, power, nitrogen, steam**, or all of those at once. We handle emergency situations, but we can also help with **back-up** during a **planned maintenance** or **temporary projects**. With a service network that stretches to every corner of the continent, there is always local staff and fleet at hand to support you.

The Atlas Copco logo consists of the brand name 'Atlas Copco' in a white, italicized serif font, centered between two horizontal white bars of equal length.The Atlas Copco Rental logo features the text 'Atlas Copco' in a white sans-serif font above the word 'Rental' in a larger white sans-serif font. Below this, the website address 'www.atlascopcorental.com' is written in a smaller white sans-serif font. The entire logo is set against a blue rectangular background.



Our triple ISO certification allows us to give you the strictest quality, environmental, health and safety assurance.

Triple certified

We go the extra mile to deliver more than just machines. Our organization, equipment and even service engineers are certified according to the most stringent norms in the industry. Atlas Copco Rental was among the first companies to be awarded **with triple certification by Lloyd's Register Quality Assurance.**



High quality equipment and services ISO 9001

Quality applies to all our equipment and services. We want to get it right and on time, with state-of-the-art products and well-trained people.



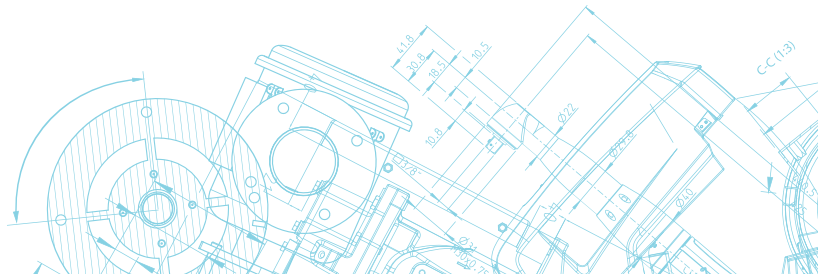
Making sustainability work ISO 14001

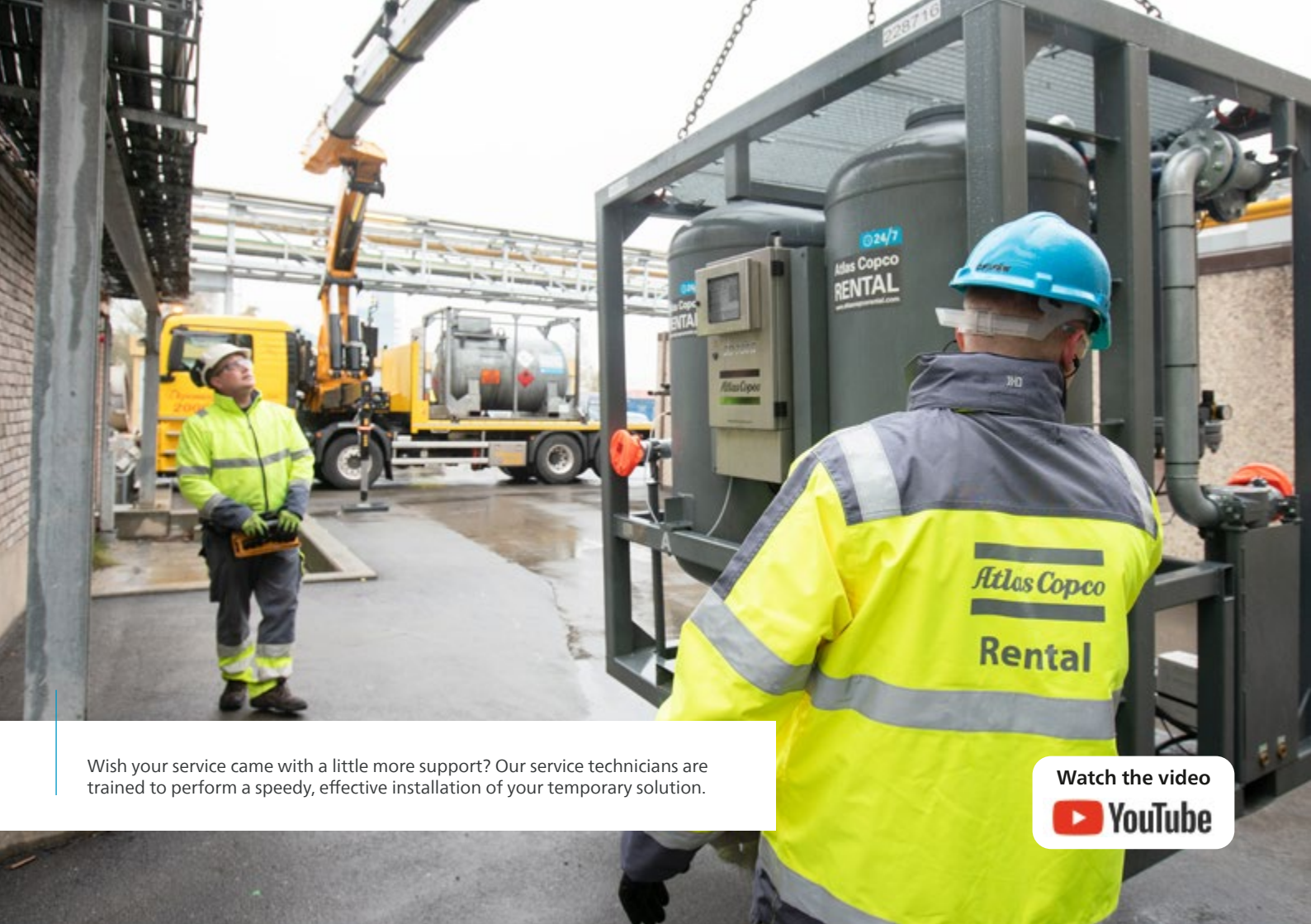
Class Zero certified oil-free air compressors, responsible use of resources and energy-efficient equipment: we go to great lengths to keep our environmental footprint as low as possible.



Caring about people ISO 45001

We focus on a safe and healthy working environment. Stringent safety measures for your staff and our own employees support our zero accident policy.





Wish your service came with a little more support? Our service technicians are trained to perform a speedy, effective installation of your temporary solution.

Watch the video



Total solutions

We don't just provide machines, **we think along with you** and handle the project from start to finish, so you can focus on your core business. Our project engineers make sure you receive a made-to-measure solution and our service technicians can stay on site to keep your installation in excellent working order. From project design to decommissioning, you can count on us. **Every hour of the day or night**, in every corner of the world.



Logistical services

- Transport
- Import / export
- Certificates
- Loading guidelines



Design of temporary installation

- Safety
- Technical feasibility
 - *Reliability*
 - *Air quality requirements*
- Energy efficiency
- Easy to install



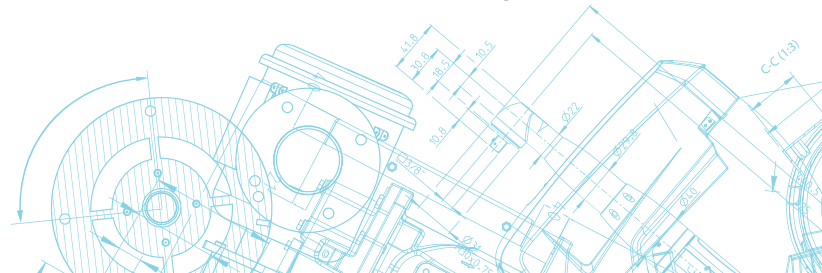
Energy management

- Fuel tanks
- Fuel supply on request
- Electrical transformers
- Distribution boards



Services

- Installation
- 24/7 service
- Maintenance
- Supervision
- On-site operators
- Decommissioning



Emergency projects

We hope you'll never encounter an emergency that puts your production at risk. But if you do, you can count on Atlas Copco Rental. We can call on our complete European network to build an installation that **takes your production over in no time**. Do you really want to err on the side of caution? Then we can also help **with a contingency plan for your factory**. This made-to-measure emergency plan allows us to have a back-up installation running at short notice.

Handled with Air ▶

This project is the biggest we have ever done. When this large industrial company's compressed air installation failed, they called us. The demand was enormous: 250 000 m³/h of compressed air, around the clock support



Planned projects

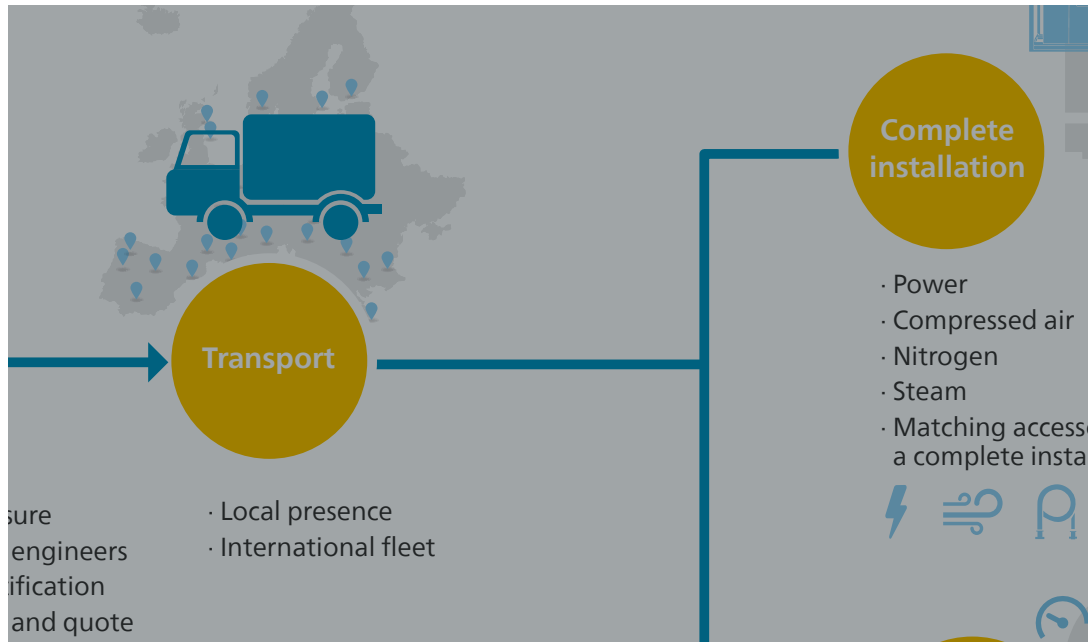
Is your periodical maintenance or turnaround project coming up? Atlas Copco Rental is ready to help out with a temporary installation that keeps your production going. Also your short-term production increases or events can be covered with a rental installation.

Nuclear dome pressure testing ▶

Nuclear power plants are among the most stringently tested structures on the continent. One of the periodical tests every nuclear reactor has to undergo is leak-testing of its dome by means of compressed air. The



A typical rental project





RENTAL

24/7



Oil-free air

Oil-free compressed air is what Atlas Copco does best and this is reflected in our fleet. Our oil-free compressors come in all shapes and sizes. Each one of them is suitable for the most critical applications and they are all ISO 8573-1 Class Zero certified by TÜV.

The benefits of 100% oil-free air

- ✓ Absolutely no risk of oil contamination in your end product
- ✓ Reduced operating costs of compressed air
- ✓ No oil filters, so less intervention required





Emergency compressed air for breakdown and 24/7 service support, 250 000 m³/hour.

The P-range

with the P of “purely rental”

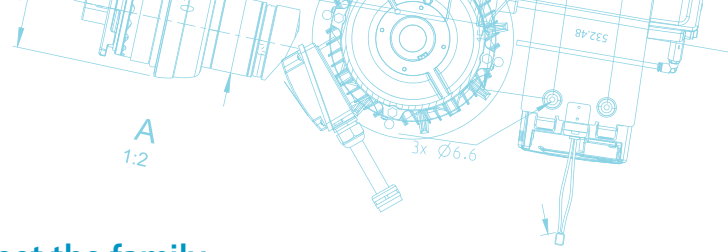
This range of **oil-free equipment** has been designed and assembled especially for Atlas Copco Rental. These compressors are perfect for **outdoor use** and feature the **most efficient** oil-free screw element Atlas Copco could make.

Needless to say, the machines in the P-range are **our flagship** and have proven to be suitable for almost every application. That is because we have such a wide variety of them. The flexibility goes beyond the choice in machines: if your project requires a special application, we can also adapt them in our workshops, for example to deliver hot air at the outlet or to compress nitrogen.

- 100% oil-free air, ISO 8573-1 Class Zero certified
- Atlas Copco design
- Tailor-made for the rental market
- Adaptable for special applications such as hot air, nitrogen compression, etc.
- Extensive safety features
- Spillage-free frame

Meet the family

PTS 800 and **PTS 1600**: diesel-driven, 100% oil-free and medium pressure compressors. Both of them have the cleanest possible diesel engines under the bonnet (Stage V emission standard) and run with AdBlue® to ensure a clean exhaust.





Chemical tank inertization project. Power generator and an oil-free air compressor, powering a nitrogen generator (300 Nm³/h at a purity of 98%).

Diesel-driven

Medium Pressure

	Max working pressure	Max capacity	Sound pressure level @7m	Dimensions	Weight wet	Capacity of fuel tank	Capacity of AdBlue® tank
	barg	FAD (m ³ /min)	dB(A)	l x w x h (mm)	kg	L	L
PTS 800	10,3	22,5	72	4010 x 2030 x 2400	4990	400	40
PTS 1600+	10,3	45,7	86	5240 x 2210 x 2350	8565	600	255

Main product features

- Stage IV / Tier 4 Final emission standard with on-board AdBlue tank
- Stage V emission standard with on-board AdBlue tank
- Integrated aftercooler
- External fuel connections
- Auto start
- Remote monitoring
- Remote operation
- Optional: hot air outlet
- New Controller with extended features

Safety features

- Spillage-free frame
- Spark arrestor
- Overspeed shutdown valve



Diesel-driven

High Pressure

	Max working pressure	Max capacity	Sound pressure level @7m	Dimensions	Weight wet	Capacity of fuel tank	Capacity of AdBlue® tank
	barg	FAD (m ³ /min)	dB(A)	l x w x h (mm)	kg	L	L
PNS 1250	24	34,5	88	5240 x 2210 x 2350	8625	600	255

Main product features

- Stage IV / Tier 4 emission standard with on-board AdBlue tank
- Stage V emission standard with on-board AdBlue tank
- Integrated aftercooler
- External fuel connections
- Auto start
- Remote monitoring
- Remote operation
- Stand-by engine heaters 230V/2,5kW
- New Controller with extended features

Safety features

- Spillage-free frame
- Spark arrestor
- Overspeed shutdown valve



Electric-driven

Medium Pressure

	Max working pressure	Max capacity	Power input	Sound pressure level @7m	Dimensions	Weight
	barg	FAD (m ³ /min)	kW	dB(A)	l x w x h (mm)	kg
PTE 1500	9,3	41,2	323	73	5240 x 2210 x 2350	7300
PTE 900 VSD+	10	28,3	200	71	2400 x 2000 x 1970	3400

Main product features

- Integrated aftercooler
- For outdoor use
- Auto start
- Remote monitoring
- Remote operation
- Optional: hot air outlet



Electric-driven

High Pressure (boosters)

	Max working pressure	Max capacity	Power input	Sound pressure level acc. to ISO2151	Dimensions	Weight
	barg	FAD (m ³ /min)	kW	dB(A)	l x w x h (mm)	kg
PBE 1600 VSD+	25	45	165	71	4020 x 1390 x 2030	4000
DXT 85 VSD	42	20,2	100	72	5200 x 2400 x 2500	10800
DNS 160 VSD	45	37,9	170	72	6060 x 2440 x 2590	23500
HNX 210 VSD	71	41	210	68	11500 x 2550* x 4000	29800

Main product features

- Variable Speed Drive technology
- Low starting current



*Width in operation (saftey trailer) : 4.220 mm

Electric-driven

Medium Pressure

	Max working pressure	Max capacity	Power input	Sound pressure level @1m	Dimensions	Weight
	barg	FAD (m ³ /min)	kW	dB(A)	l x w x h (mm)	kg
ZT 22 VSD FF	2,8 - 10	2,23 - 15,32	30,7	69	2960 x 1320 x 2100	2000
ZT 37 VSD FF			50	69	3300 x 2000 x 2300	2800
ZT 55 VSD FF			74,1	70	3310 x 1960 x 2400	2900
ZT 75 VSD FF		102,8	76	3740 x 2117 x 2450	4100	
ZT 90 VSD FF		122,2	76	3740 x 2117 x 2450	4300	
ZT 160 VSD FF		181,6	7,4 - 48,5	76	4900 x 2300 x 2500	7540
ZT 250 VSD FF	303		78	5880 x 2270 x 2500	10380	
ZT 315 VSD FF	345		78	5880 x 2270 x 2500	10420	
ZH 10000*	6 - 10	187	1200	72	2x(6060 x 2440 x 2590)	23000

Main product features

- Lifting frame or container
- Low noise levels
- Variable Speed Drive technology (Excl. ZH)
- Full Feature (FF): incl. integrated dryer



* ZH 10000 and its starter delivered in two containers.

Electric-driven

Low Pressure

	Max working pressure	Max capacity	Power input	Sound pressure level @1m	Dimensions	Weight
	barg	FAD (m ³ /min)	kW	dB(A)	l x w x h (mm)	kg
ZS 75+ VSD	1,2	38,8	86	77	3090 x 1520 x 2250	2300
ZS 4 VSD	1,5	53,4	90	78	2970 x 2180 x 2014	2960
ZS 160 VSD	1,2	76,3	180	79	4000 x 2090 x 2400	5800
ZE 4 VSD *	4	46,4	236	81	4240 x 2290 x 2500	7500

Main product features

- Variable Speed Drive Regulation
- Possibility for external speed control (4-20 mA signal)



* Integrated aftercooler, available as skid or container

Oil-lubricated air

Atlas Copco Rental supplies the most energy-efficient type of oil-lubricated compressors available on the market. They come in **electric-driven** or **diesel-driven** variants, high, low and medium pressure and different flows. Just like all our other equipment, they are built to last and keep running smoothly even in the most demanding environments.

- ✓ Energy-efficient
- ✓ Compact and versatile
- ✓ Suitable for harsh conditions



High-pressure compressor rented for geothermal well drilling to drill 7.2 kilometers of 500–600-meter deep wells. By using a DrillAir Y35 compressor, daily drilling depths could reach 500 meters.

Diesel-driven

Medium Pressure

	Max working pressure	Max capacity	Sound pressure level @7m	Dimensions	Weight wet	Capacity of fuel tank
	barg	FAD (m ³ /min)	dB(A)	l x w x h (mm)	kg	L
XAHS 186	12	10,1	71	4250 x 1710 x 1770	1900	175
XAHS 237		13,7	71	5150 x 1990 x 2040	3150	250
XAH 1066 TwinAir		61,3	82	6060 x 2440 x 2590	14500	1600
XAHS 317		18,3	71	5900 x 1800 x 2100	3220	280
XAHS 408		24	72	5210 x 2000 x 2100	3050	270
XAVS 186*	14	11,4	71	5000 x 1600 x 1800	2340	168
XAVS 448*		26,3	72	4930 x 2130 x 2450	5660	600
XAVS 287		17	71	5500 x 2000 x 2100	3500	280

Main product features

- External fuel connections
- Spark arrestor
- Spillage-free frame
- Integrated aftercooler
- Stage IIIA/ IIIB/ IV / V models available



* Flexible pressure range, incl. AdBlue[®] tank: 70l

Diesel-driven High Pressure

	Max working pressure	Max capacity	Sound pressure level @7m	Dimensions	Weight wet	Capacity of fuel tank
	barg	FAD (m ³ /min)	dB(A)	l x w x h (mm)	kg	L
H23*	20	23,5	72	4930x2130x2450	5660	600
XRVS 476	25	26,2	76	4960x2100x2520	7180	850
Y35*	35	39,0	79	4980 x 2240 x 2515	7690	750
B18TT	100 (Single stage)	121 (Single stage)	116 - 110**	6060 x 2440 x 2590	14000	550
	207 (Dual Stage)	86 (Dual stage)				

Main product features

- Integrated aftercooler
- External fuel connections
- Easy setting and control of flow and pressure
- Stage IIIA/ IIIB/ IV / V models available

Safety features

- Spillage-free frame
- Spark arrestor
- Overspeed shutdown valve



* Flexible pressure range, incl. AdBlue® tank: 70l

** with silencing container

Electric-driven

Medium Pressure

	Max working pressure	Max capacity	Sound pressure level @7m	Dimensions	Weight
GA	barg	FAD (m ³ /min)	dB(A)	l x w x h (mm)	kg
GA 37 VSD+ FF	4 to 12,75	7,9	67	1850 x 1050 x 1980	900
GA 55 VSD+ FF		11,3	67	2535 x 1850 x 2400	2310
GA 75 VSD+ FF		16,1	73	2535 x 1850 x 2400	2310
GA 110 VSD FF		23,3	69	4570 x 2490 x 2480	6230
GA 160 VSD FF	6 to 9,8	33,7	71	4570 x 2490 x 2480	6230
E-Air	barg	FAD (m ³ /min)	dB(A)	l x w x h (mm)	kg
E-AIR T900	4 - 10,4	25,6	68	3380 x 1190 x 1665	3160
E-AIR H250 VSD	5 - 12	5 - 7	65	2765 x 1346 x 1435	670
E-AIR V1100 VSD	5 - 14	22 - 31	70	3470 x 1220 x 1800	4420

Main product features

- Integrated filters
- Integrated dryer (not on E-AIR T900)
- Variable Speed Drive Technology (on GA)





High-pressure air compressors producing 240 m³/minute of compressed air for the drilling of bridge pier piles in Finland. This high amount of air enabled more drilled meters with lower overall costs per meter.

Air Treatment

Complete your set-up with a matching dryer

More than likely, your application requires dry compressed air to ensure your tools keep working and your end process remains free from contamination. To effectively remove moisture from the compressed air, we recommend using one of our dryers.

Our dryers come in various technologies, depending on your application and the ambient conditions on-site.

The benefits of compressed air dryers

- ✓ Reliable technology
- ✓ A matching dryer for every possible installation
- ✓ Pressure dew point down to -40°C



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24/7



Compressed air dryers

✓ Zero purge adsorption dryers (BDE):

- Pressure dew point down to -40°C
- Pressure range: 7-16 barg
- Energy-efficient, no process air is used
- Electric controller

✓ Adsorption dryers (CD-range):

- Pressure dew point down to -40°C (optional down to -70°C)
- Pressure range: 6-25 barg
- Suitable for demanding applications
- Pneumatic or electric controller
- Versatile and suitable for high pressures

✓ Refrigerant dryers (FD-range):

- Pressure dew point: 3°C
- Pressure range: 4-14 barg
- Energy-efficient, compact and reliable



Installation of 14 compressors with matching accessories for a production upgrade project in a power plant.

Compressed air dryers

	Technology	Pressure dew point	Pressure range	Average inlet flow
Adsorption dryers		°C	barg	m ³ /min
CD Medium Pressure	Heatless desiccant	-40	6 - 16	6 - 48
CD High Pressure	Heatless desiccant	-40	10 - 40	30 - 68
BDE	Zero purge desiccant	-40*	7 - 16	47
Refrigerant dryers		°C	barg	m ³ /min
FD	Electrical dryer	3	4 - 14	7-50

Air consumption required for regeneration of the towers is highly dependent on operating conditions and will affect total air flow at dryer outlet. Ask your Atlas Copco contact for a calculation of the required dryer size for your application.



* optional down to -70°C

Nitrogen

In a lot of industries, nitrogen is as vital a utility as compressed air or power. Our **Pressure Swing Adsorption** and **Membrane nitrogen generators** deliver a reliable, autonomous supply of on-site nitrogen. All these generators need is a source of clean, dry compressed air. Looking for just one, streamlined and compact set-up? Our nitrogen generators integrate perfectly with our compressor installations.

- ✓ Purity levels between 92% and 99,99%
- ✓ Stand-alone or in an installation with a compressor
- ✓ Containerized and offshore versions available



Pipeline inerting,
nitrogen at 9 barg

Membrane nitrogen generators

Medium Pressure

	Nitrogen output (at 95% purity, 9 bar, 20°C ambient and 60% RH)	Air inlet pressure	Dimensions	Weight
	m ³ /h	barg	l x w x h (mm)	kg
NGM 280	280	4 - 13	1120 x 1650 x 2388	1179
NGM 1000*	840	4 - 13	6060 x 2440 x 2590	6910
NGM 1100	1100	4 - 12	3030 x 2440 x 2590	6910

Main product features

- CE certified lifting frame
- Elektronikon[®] controller
- Recommended air quality*: Class 0 oil-free air (acc. to ISO8573-1)



* 3 x NGM 280 in a 20ft. container

Membrane nitrogen generators

High Pressure

	Nitrogen output (at 95% purity, 24 bar, 20°C ambient and 60% RH)	Air inlet pressure	Dimensions	Weight
	cfm	barg	l x w x h (mm)	kg
NGM 2000	2000	16 - 24	6060 x 2440 x 2590	16500
NGM 3000	3000	10 - 35	6060 x 2440 x 2590	13640

Main product features

- 20ft. DNV 2.7-1 container certified lifting frame



Power

We power your projects with **plug-and-play** diesel generators of the latest generation. Every power unit comes complete with all the necessary accessories to build a safe installation and thanks to their advanced controlled and monitoring software, no application is too challenging.

- ✓ Local, remote and automatic starting capacity
- ✓ Island or parallel set-ups possible
- ✓ Offshore units available



43 generators and 18 500m of electric cables, delivering almost 10 000 kVA for a rock festival in Portugal.

Power

	Prime power @ 400V, 50Hz	Sound pressure level	Dimensions	Weight wet	Capacity of fuel tank
	kVA	dB(A)	l x w x h (mm)	kg	L
QAS 150	150	69	3380 x 1200 x 1700	2610	313
QAS 250	250	69	3700 x 1200 x 1800	3400	477
QAS 325	325	69	4000 x 1400 x 2000	4735	603
QAS 400	400	70	4000 x 1400 x 2000	5035	640
QAS 500	500	71	4800 x 1550 x 2300	6445	905
QAS 630	630	71	4800 x 1550 x 2300	6830	911
PM1500 TwinPower	1446	71	6060 x 2440 x 2590	17500	1610





The PM1500 TwinPower™ is a 20-foot containerized generator with 2 x 725 kVA generators inside, making it perfect for applications that have variable power needs. Two generators in one brings the flexibility to run at 100% power load or even low power loads in the most efficient way.

Steam

Saturated or superheated steam solutions to keep your production running full throttle ! Our standardized modular equipment are designed to speed up delivery and installation while keeping safety as a priority. Equipped with dual fuel burners enabling compliancy with European Medium Combustion Plant Directive, our boilers can also be equipped with economizers to make it even more sustainable. Whatever the industry or the process our reliable mobile boilers will deliver the job.

The benefits of our steam solutions include

- ✓ Highest fuel-to-steam efficiency in the market
- ✓ Dual fuel (natural gas or light fuel oil)
- ✓ Designed for easy transportation and fast set-up
- ✓ Modular equipment for bespoke solutions





Complete steam solution including boilers, feedwater tank, steam manifold, steam silencer and lines during a turnaround in a refinery.

Steam

	Max. capacity		Design pressure	Footprint	Weight in operation
	kg/h	Lb/h	bar/psig	mm	kg/lbs
1,3t/h	1300	3000	16 / 230	6000 x 2500	11.000 / 24.000
3t/h	3000	7000	16 / 230	6000 x 2500	17.000 / 37.000
6t/h	6000	14000	28 / 400	9.300 x 3.250	35.000 / 77.000
12t/h	12000	27000	28 / 400	11.500 x 4.000	55.000 / 121.000
16t/h	16000	35000	24,5 / 355	12.500 x 4.500	68.000 / 150.000

Main product features

- Dual fuel (natural gas or light fuel oil) burner compliant with EU MCPD
- Designed for easy transportation and fast set-up
- Modular equipment for bespoke solutions





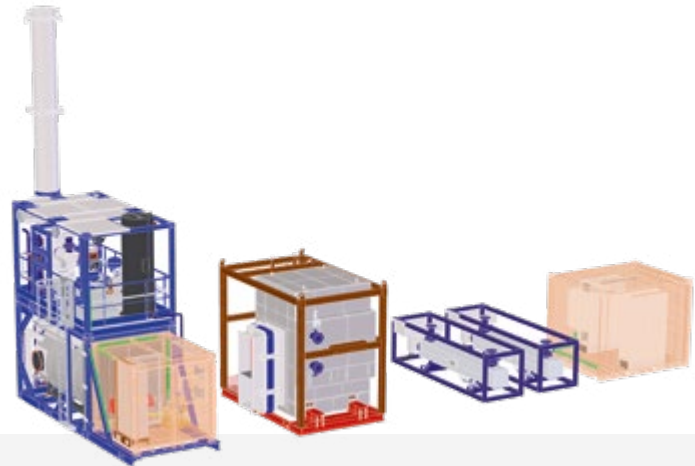
24t/h superheated steam solution including boilers, feedwater tank, steam manifold, steam silencer and lines in a chemical plant.

Steam superheaters

	Max. capacity	Energy	Max T°	Design pressure	Footprint	Weight in operation
	kW/h		°C	bar/psig	mm	kg/lbs
ESH	200	Electricity	350		3.000 x 2.500 + 2x (1.250 x 4.400)	4000 / 9000
ISH	600	Boiler flue gases	330	28 / 400	4.100 x 2.500	8000 / 18000
FSH	1300	Nat. Gas or Diesel + electricity	400		8.500 x 2.500	25000 / 55000

Main product features

- Designed for easy transportation and fast set-up
- Modular equipment for bespoke solutions





Complete steam solution including boiler, feedwater tank, heat exchanger, and distribution header at food processing facility.

Boiler related equipment

	Equipment	Compatibility	Footprint	Weight in operation
			mm	kg/lbs
Large FWT	Feed water tank	For 12t/h and 16t/h boilers	6.000 x 2.500	30.000 / 66.000
Small FWT	Feed water tank	For 3t/h and 6t/h boilers	1.500 x 1.500	4.000 / 8.900
Eco	Smoke economizer	For 12t/h and 16t/h boilers	1.600 x 3.350	5.000 / 11.000
Silencer	Steam silencer	30.000 kg/h 66.000 lb/h	1.000 x 1.000	500 / 1.100
Large BDT	Blow down tank	For 12t/h and 16t/h boilers	Ø 1.500	700 / 1.550

Other equipment

- Insulated steam lines
- Steam manifolds
- Steam pressure reducers
- Gas pressure reducers
- Light fuel oil tanks and feeding pumps
- Etc...



Offshore

With over 50 years of experience in offshore projects, Atlas Copco Rental knows the ropes. Whatever stage your project is in, we have a temporary solution to match. With DNV-certified crash frames, corrosion resistant paint and components, our offshore equipment is built for the rigors of rough sea. Of course both man and machine are **certified** according to all the relevant norms and standards in the industry. Our equipment has advanced features on board to ensure **safety and easy transportation**. Our dedicated service technicians are all trained and certified to work in even the most hazardous environments.

- ✓ Installations with low noise and small footprint
- ✓ CE compliant equipment, DNV approved containers, certified lifting frames and slings
- ✓ Dedicated compressors and boosters for the drilling market
- ✓ Advanced features for optimal safety, cost efficiency and reliability



Oil-free compressed air for bubble curtains in the North Sea. Bubble curtains protect marine life against noise and vibrations during the build-up of wind turbines. 13 compressors type PTS1600+ delivered 100% oil-free air for the project.

Oil-free air Diesel-driven

Medium Pressure

	Max working pressure	Max capacity	Sound pressure level	Dimensions	Weight wet	Capacity of fuel tank
	barg	FAD (m ³ /min)	dB(A)*	l x w x h (mm)	kg	L
PTS 916 T3	10,3	45,7	76	6060 x 2440 x 2590	11800	900

Main product features

- DNV 2.7-1 container certified lifting frame
- Spillage-free frame
- Spark arrestor
- Optional: hot air inlet
- External fuel connection
- Auto start
- Engine overspeed protection
- Norsok Z-015 on request



* Acc. to EPA with a tolerance of +/-3dBA under free field conditions at 7m distance

Oil-free air Diesel-driven

High Pressure

	Max working pressure	Max capacity	Sound pressure level	Dimensions	Weight wet	Capacity of fuel tank
	barg	FAD (m ³ /min)	dB(A)*	l x w x h (mm)	kg	L
PNS 1250 T3	24	34,5	88	6060 x 2440 x 2590	12000	900

Main product features

- DNV 2.7-1 container certified lifting frame
- Spark arrestor
- External fuel connection
- Auto start
- Engine overspeed protection
- Norsok Z-015 on request



* Acc. to EPA with a tolerance of +/-3dB(A) under free field conditions at 7m distance

Oil-free air Electric-driven

Medium Pressure

	Max working pressure	Max capacity	Power input	Sound pressure level	Dimensions	Weight
	barg	FAD (m ³ /min)	kW	dB(A)*	l x w x h (mm)	kg
PTE 1500	9,3	41,2	323	73	6060 x 2440 x 2590	12850

Main product features

- DNV 2.7-1 container certified lifting frame
- Integrated aftercooler
- Optional: hot air outlet
- Auto start



* Acc. to EPA with a tolerance of +/-3dBA under free field conditions at 7m distance

Oil-lubricated air Diesel-driven

Medium Pressure

	Max working pressure	Max capacity	Sound pressure level (Lp) acc. to ISO2151 @7m	Dimensions	Weight wet	Capacity of fuel tank
	barg	FAD (m ³ /min)	dB(A)	l x w x h (mm)	kg	L
XAVS238	14	14,8	71	762 x 1900 x 2250	3960	164
XAVS448		26,5	72	4524 x 2438 x 2591	9820	660
TwinAir XAH 1066	12	61,3	82	6060 x 2440 x 2590	14500	1600

Main product features

- DNV 2.7-1 container certified lifting frame
- Spillage-free frame
- Integrated aftercooler
- External fuel connections
- Spark arrestor
- Emergency and safety features
- Norsok Z-015 on request



Oil-lubricated air Diesel-driven

High Pressure

	Max working pressure	Max capacity	Sound pressure level (Lp) acc. to ISO2151 @7m	Dimensions	Weight wet	Capacity of fuel tank
	barg	FAD (m ³ /min)	dB(A)	l x w x h (mm)	kg	L
TwinAir XR946	25	55,2	82	6060 x 2440 x 2590	15000	1600
TwinAir 2800+	35	80	86	6060 x 2440 x 2590	11300	750
Y35	35	39	79	6060 x 2440 x 2590	12000	600
Booster B18TT	100 (1 Stage) 207 (2 Stage)	127 (1 Stage) 91 (2 Stage)	88	6060 x 2440 x 2590	14000	550
Booster B32	69 (1 Stage) 345 (4 Stage)	119 (1 Stage) 82 (4 Stage)	92	7315 x 2590 x 2590	19100	340

Main product features

- DNV 2.7-1 container certified lifting frame
- Spillage-free frame
- External fuel connections
- Spark arrestor
- Spillage free
- Norsok Z-015 on request



Nitrogen generators

	Nitrogen output at 95% purity	Air inlet pressure	Dimensions	Weight
	cfm	barg	l x w x h (mm)	kg
NGM 280	280	4 - 13	1120 x 1650 x 2388	1179
NGM 2000	2000	16 - 24	6060 x 2440 x 2590	16500
NGM 3000	3000	16 - 35	6060 x 2440 x 2590	13640

Main product features

- DNV 2.7-1 container certified lifting frame
- Efficiency control system
- Integrated air pre-treatment
- Intergrated N₂ flow meter, oxygen analyser and low purity alarm signal
- Nitrogen purity is adjustable from 95 to 99%



Power Diesel generators

	Prime power	Sound pressure level	Dimensions	Weight wet	Capacity of fuel tank
	kVA	LWA*	l x w x h (mm)	kg	L
QAS 100	100	64	3760 x 1900 x 2250	3205	250
QAS 250	250	69	3760 x 1900 x 2250	5030	469
QAS 400	400	70	4520 x 2440 x 2590	8680	640
QAS 500	500	71	6060 x 2440 x 2900	8500	905
QAS 630	630	70	6060 x 2440 x 2900	9530	911
QAC 1250	1250	71	6060 x 2440 x 2590	16500	1610
PM30 Light Weight	30	71	1700 x 740 x 1128	740	73
PM70 Light Weight	70	71	2080 x 1031 x 1250	975	25
PM1500+ TwinPower	1446	71	6060 x 2440 x 2590	16500	1610

Main product features

- DNV 2.7-1 container certified lifting frame
- Spark arrestor
- Overspeed shutdown valve
- Local / Remote / Automatic start capacity
- External fuel tank connection
- TwinPower PM1500+ is available as a 690V-variant
- Norsok Z-015 on request
- PM-models are designed to work in a modular way



* Acc. to EPA with a tolerance of +/-3dBA under free field conditions at 7m distance, 50 hZ

Subsea equipment

Any projects requiring a blast air system or high pressure water jetting, on deck or under water? We have the right tool for the task: **diesel-driven water jettors and blastair units**. Our water jetting equipment is suitable for seawater applications and holds stainless steel fluid heads and ceramic plungers. The water jetter's enclosure has forklift pockets and sea deck fasteners for easy transportation. They come with ATEX EN 1834-1 certified spark arrestor and of course they integrate seamlessly with our compressed air systems.

- Integrated seawater filters
- Robust frames and lifting slots
- Plug-and-play design

For **underwater blast air** applications, we have a unique subsea cleaning system in our fleet: "BlastAir". The system is the most reliable solution we found on the market, with advanced safety features. Simple nozzle control allows for various surface finishes, from marine growth removal to bare metal. The matte, non-reflective finish exceeds SA 2.5 standards. The BlastAir system is compliant with DNV 2.7-1 and has DNV approved lifting slings.

- Safe and efficient
- Operations possible down to -200 meters at 25 bar operating pressure
- Two users can operate the BlastAir at the same time, at different depths



Hose spooler

Pneumatically driven



Blastair

Subsea cleaning system



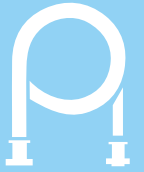
Water jetting machine

Diesel or Electric driven

Accessories

Accessories are more than just details, they make sure your installation keeps running smoothly and is delivering what your application needs. Every piece of accessory is tested, certified and approved for a safe installation and they all exactly match the other equipment in our fleet. **Don't worry about finding the right accessories for your project, we do that for you.** Every set-up we propose is a complete solution. We even have the right tools for complex projects such as hot or cold air applications, special power requirements, very hot or cold condition, etc.

- ✓ Matching accessories
- ✓ Tested and certified for a safe installation
- ✓ Solutions for complex set-ups



Leak testing of a nuclear dome, requiring stable, dry, 100% oil-free compressed air. A typical installation consists of power generators, 14 oil-free compressors and matching dryers and accessories.

Accessories

Fuel tanks

Fueltank - IBC

- Capacity: 2600/3000 l
- ADR: IBC
- Double skin
- Spillage-free frame

Fueltank - Tank container

- Capacity: 5500/7800/20.000 l
- ADR: Tank container
- Double skin
- Spillage-free frame



AdBlue® tanks

- Capacity: 1000 l



Air hoses

Hoses - Medium flow (air/nitrogen/water)

- Hoses (DIN): DN 50 - DN 80
- Pressure range: 10/16/25/40/60 bar
- Length: 5/10/20 m
- Material: rubber/steel/airflat

Hoses - Big flow (air)

- Flanged hoses: DN 150 - DN 200
- Pressure range: 10/16 bar
- Length: 5/12/15m
- Material: rubber/steel



Accessories

Collectors

Manifolds for air hoses

- DIN Flanged size: DN 50 up to DN 200
- Sizes following pressures: 10/25/40/65 bar
- All hoses and manifolds are PED Certified
- Equipped with ball valves
- Certified



Air receivers

- Capacity: 50 to 6000 liter
- Working pressure: 10/16/25/35 bar
- PED Certified
- Dedicated oil-free or oil-lubricated



Transformers

Auto Transformers 100 - 600 kVA

- Low voltage
- 230 / 400 / 525 / 690 V
- Outdoor installation (IP 21)
- Copper bar connection

Transformers 1250 - 3150 kVA

- Mid voltage
- Primary: 400 V / 690 V
Secondary: 5,4 up to 24 kV
- Mid voltage protection
(optional: low voltage protection)
- Containerized



Accessories

Heat exchangers

Cooling / heating compressed air

- Dimensions: 1000 x 1080 x 1260 mm
- Weight: 175 kg
- Water inlet & outlet: 1 x PN 16 DN 80 DIN 3"
- Air inlet & outlet: 1 x PN 16 DN 80 DIN 3"
- Cooling water flow: 3,20 l/s
- Discharged air temp.: Water temp. + 5°C
- Airside cooling surface: 13,4 m²
- Max - Min temp.: 90 - 0°C
- Waterside & airside max. pressure: 25 bar
- Capacity: air flow at 7 bar:
1750 l/s - 105 m³/min
- With forklift slots



Distribution panels

Electrical accessories

- Range 32 A - 10 000 A
- Different set-ups
- Outdoor installation
- CE sockets, or sockets following local law



Electrical cables

Multicore cables

- Fitted with sockets/plugs
- (CE) 16A / 32A / 63A / 125 A
- Standard length 25 m

Uniflair cables

- Cu cable (H07RNF) & Alu cables (PowerAmp)
- 400/750 V
- 70 / 120 / 150 / 240 mm²

Connections for uniflair cables

- Connection boxes:
5 x cables up to 120 mm² - 240 mm²
- Outdoor installation

Accessories

HiLight B5+ LED Light tower

- 50 Hz, 230 VAC, 2,7 kW
- Light coverage: 5000 m² (avg; 20 luxes)
- Lamp durability: 30 000 hours
- Fuel consumption: 0,5 l/h
- Hydraulic vertical mast, max 8 m
- Max wind speed: 80 km/h
- Dimensions: 1160 x 1160 x 2500 mm
- Weight: 980 kg



Emergency project at a refinery, demand of 125 000 m³/h, oil-free compressed air



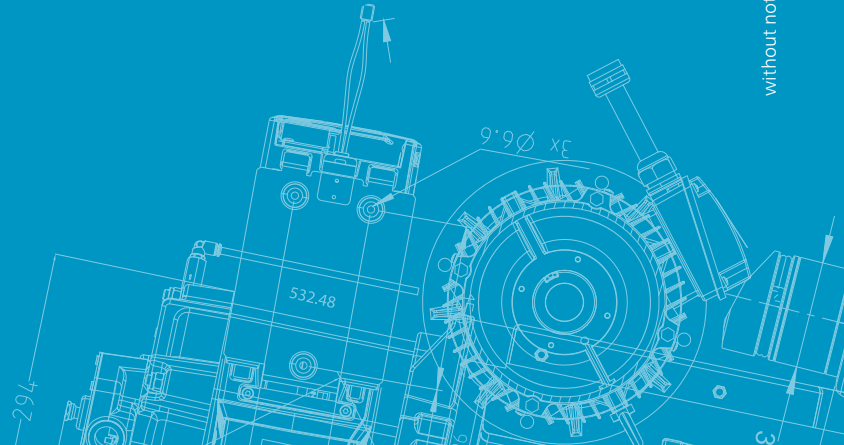
To prevent the Dutch Rhine River from salinization, bubble curtains needed to be installed. Two 100% oil-free air compressors generated the air bubbles: a total air flow of 90-m³/min flow for more than 3 months.



Temporary back-up solution for HOFOR in Denmark: a fuel efficient 1250-kVA diesel generator (400V) connected with a 2500-kVA transformer that converts and supplies cranes with 10 kV voltage.



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