













Hertz Kompressoren is one of the leading brands of Dalgakıran Group Company since 2005.

For more than 54 years of experience, Dalgakıran Group have designed and manufactured reciprocating and rotary screw compressors by using the most modern and intuitive manufacturing techniques.

Today Hertz Kompressoren products are well known in more than hundred countries with its superior reliability and quality.

Hertz Kompressoren is always striving to create and manufacture products of the highest quality, for worldwide customer satisfaction and offer creative, sophisticated, and pragmatic solutions to its clients for their many challenges. **One of the best** supply partners in the industry



- Hertz Kompressoren is known for its fast response and fast delivery.
- \bullet Hertz Kompressoren is known for its reliable, dependable, easy to use and simple service.
- Rentz Kompressoren is known for its collaborative and unique team.





E

- HVD SERIES

=

- HDD SERIES

- HBD SERIES

Ineis

T

F DA



ROTARY SCREW AIR COMPRESSORS

HVD SERIES Variable Speed Rotary Screw Air Compressors 5.5-300 kW

HERTZ HVD series variable-speed compressors drive the motor with the frequency converter to adjust the compressor operation speed according to compressed air requirements and save up to 35 % energy. Thanks to its high-quality equipment and excellent engineering in its design, it provides a very efficient and flexible use as per

ADVANTAGES

- ADVANTAGES Up to 35 % energy saving Operation at constant output pressure value Wide operating pressure range (100-175 psi)

- Soft starting
- Protection against the adverse effects of peak currents

MODEL	Flow rate @ 100 psi (cfm)	POWER (hp)
HVD 5	31	7.5
HVD 7	46	10
HVD 11	66	15
HVD 15	92	20
HVD 18	113	25
HVD 22	137	30
HVD 30	193	40
HVD 37	236	50
HVD 45	311	60
HVD 55	351	75
HVD 75	490	100
HVD 90 C	589	125
HVD 90	620	125
HVD 110	733	150
HVD 132	911	180
HVD 160	1158	220
HVD 185	1324	250
HVD 220	1427	300
HVD 260	1734	350
HVD 300	1854	400



ROTARY SCREW AIR COMPRESSORS

HDD SERIES Direct Drive Rotary Screw Air Compressors 22-335 kW

deliver high performance by reducing the power transfer losses with their directly-coupled motor and screw block. Operation expenses are reduced thanks to usage of the latest generation screw block and motor. Responds to all requirements between 22 and 335 KW.

ADVANTAGES

- Wide operating pressure range (100-175 psi) Easy and fast service with removable and hinged door and panels Quiet canopies with amble
- machine in timely manner Equipped with easy to use, robust and long-lasting
- microprocessor controller

MODEL	Flow rate @ 100 psi (cfm)	POWER (hp)
HDD 22	133	30
HDD 30	207	40
HDD 37	238	50
HDD 45	293	60
HDD 55	374	75
HDD 75	495	100
HDD 90	601	125
HDD 110	741	150
HDD 132	908	180
HDD 160	1109	220
HDD 185	1307	250
HDD 220	1416	300
HDD 260	1701	350
HDD 300	1836	400
HDD 335	2168	450



ROTARY SCREW AIR COMPRESSORS

HBD SERIES Belt Driven Rotary Screw Air Compressors 4-37 kW

are used safely in all applications of small and medium sized businesses thanks to their high

Its service friendly compact structure speeds up your work and minimizes downtime.

MAIN MOTOR DRIVE SYSTEM

Belt-pulley drive system Fast service thanks to easy belt tensioning system

AIR/OIL SEPARATOR

Easy to disassemble and assemble, service-and maintenance-friendly spinon type separator.

MODEL	Flow rate @ 100 psi (cfm)	POWER (hp)
HBD 4	21	5.5
HBD 5	29	7.5
HBD 7	44	10
HBD 11	68	15
HBD 15	81	20
HBD 15 L	97	20
HBD 18	119	25
HBD 22	140	30
HBD 30	195	40
HBD 37	243	50

CAGI ROTARY COMPRESSOR PERFORMANCE VERIFICATION PROGRAM

Hertz rotary screw compressors performances are verified with third party testing by Compressed Air and Gas institue (CAGI). CAGI data sheets of our rotary screw compressors are available at www.hertz-kompressoren.us.



- SPARE PARTS

- SMART + WARRANTY
- SMARTPARTS AIR FILTERS
- SMARTPARTS OIL FILTERS
- '35' AIR / OIL SEPARATORS
- SPIN-ON TYPE AIR / OIL SEPARATORS
- SMART OIL

- SMART ASSURANCE

Smart +

The Smart + Warranty is the most comprehensive lubricated rotary screw compressor package extended warranty program in the industry. Enrolling your compressor package in the Smart + Warranty program immediately provides additional warranty coverage on many major package components:



Additional 4 years of warranty giving you a total of 5 years on:

- Electric Motor(s)
- Controller
- Air / Oil Separator
- Cooler
- VSD Inverter



HOTE BERIES

Additional 8 years of warranty giving you a total of 10 years on.

• Airend

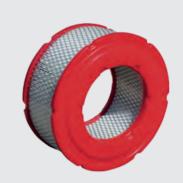
The Smart + Warranty from hertz Kompressoren USA, Inc. is free! Simply register, use Genuine Hertz USA replacement parts, lubricants, participation in oil sampling program and follow the recommended maintenance schedule, and your compressor package is covered.





www.hertz-kompressoren.com

Spare Parts



AIR FILTERS

SmartParts Air Filters

Smartparts air filters are the first line of defense for a compressor and have a significant impact on the service life of the compressor, lubricant, air/oil separators and oil filters. Hertz Kompressoren offers the highest efficiency air intake filters in the market, outperforming the competition and delivering more value to customers.



OIL FILTERS

SmartParts Oil Filters

Smartparts oil filters are vital components for the protection of the airend. Particles and contaminants may lead scratches, fatal damages on rotors. Smart Parts oil filters ensures the optimum collection efficiency of the particles and contaminants. Smart Part oil filters are specially designed according to the exact needs of hertz kompressoren products.



OIL SEPARATORS

'3S' Air / Oil Separators

Parts '3S' Separator is deseparator housings without sacrificing operating performance. The '3S' separator has double to tripled capacity when compared to a conventional separator with the same dimensions. The '3S' separator has 1/2 tional separator functioning in the same operating conditions. This increased capacity is achieved with specially designed progressive type, deep bed, coalescing media using an increased number of wraps.



OIL SEPARATORS

Spin – on type Air / Oil Separators

Smart Parts Spin-On Type Air/Oil Separators are manufactured as an exchangeable element. Because Spin-Ons do not require a compressor housing, they permit uncomplicated and quick replacement.



OIL

Smart Oil

SmartOil products are advanced air compressor lubricant using unique additive technology, giving outstanding performance in oil flooded air compressors of screw design. Based on specially selected PAO base fluids, provides long oil life and effective lubrication in aggressive applications.

The SmartOil air compressor oils is designed to help make it easy for equipment operators to select the Smart Oil that will best deliver value to their operations through enhanced wear protection, long oil life and high system efficiency.



SMART ASSURANCE

Hertz USA assures longlasting, reliable and dependable equipment. We encompass decades of experienced with the highest standards to deliver the best quality, services and customer satisfaction. That is why we have one of the best warranty in the industry with all oil flooded rotary screw air compressors (with discharge pressures up to 150 psig) shipped from hertz Kompressoren USA includes comprehensive Smart+ Extended Warranty coverage. This comprehensive warranty includes parts and labor covering, 10 Years on the air end and 5 Years on the motor, VSD, air/fluid receiver, oil cooler and aftercooler.

Smart Warranty

- 1 year on the package
- 2 year on the airend

Smart + Warranty Extended Warranty

- 5 Year Warranty on critical package components including:
 - Electric Motor(s)
 - Controller
 - Air / Oil Separator
 - Cooler
 - VSD Inverter
- 10 Year warranty on Airend

- RECIPROCATING AIR COMPRESSORS

- WAVE SERIES

- HPC BOOSTER SERIES
- HPC H SERIES STARTING AIR
- HPC L SERIES LOW PRESSURE



RECIPROCATING AIR COMPRESSORS

WAVE SERIES High Pressure **Reciprocating Air** Compressors

high pressure reciprocating compressors taking advancing the WAVE Series, which were developed in order to be used in all applications requiring high pressure (up to 580 psig), especially in the maritime sector, where Hertz has shown until today.

MAIN MOTOR AND DRIVE SYSTEM

Directly coupled with the elastic coupling Wye delta motor starting

MODEL	Intake Capacity (cfm)	POWER (hp)
HW 52	30	15
HW 64	51	20
HW 108	78	30
HW 166	100	40



RECIPROCATING AIR COMPRESSORS

HPC BOOSTER SERIES Reciprocating Booster Air Compressors

entering the compressor at 100-190 psig up to 580 psig with the HPC Boosters Series booster compressors in its production range. The HPC Boosters Series products have been preferred by pet bottle manufacturers for many years and have been successfully used in many

MAIN MOTOR AND DRIVE SYSTEM

Specially designed fan type Easy belt tensioning system

MODEL	Intake Capacity @ 175 psig (cfm)	POWER (hp)
HPC BOOSTER 10	121	10
HPC BOOSTER 15	141	15
HPC BOOSTER 20	214	20
HPC BOOSTER 25	282	25
HPC BOOSTER 30	321	30
HPC BOOSTER 40	385	40



RECIPROCATING AIR COMPRESSORS

HPC H SERIES STARTING AIR **High Pressure Reciprocating** Air Compressors

HERTZ proudly introduces HPC series of high pressure reciprocating compressors, which are developed in order to be used in all applications requiring high pressure, especially in the maritime sector, where Hertz has shown a keen interest and served from the day of its establishment until today.

MAIN MOTOR AND DRIVE SYSTEM

Belt-pulley drive system Specially designed fan type cast iron pulley Easy belt tensioning system

MODEL	Intake Capacity (cfm)	POWER (hp)
HPC H5	18	5.5
HPC H15	37	15
HPC H20	59	20



RECIPROCATING AIR COMPRESSORS

HPC L SERIES LOW PRESSURE

HERTZ promises suitable, trouble-free equipment with high performance for every kind of application with its HPC L series low pressure reciprocating air compressors. Manufacturing and assembly of every single part of these compressors, in which latest engineering softwares are used during design and analysis phases, are achieved with international quality standards.

MAIN MOTOR AND DRIVE SYSTEM

High efficiency IE3 class IP55 motors are used as standard Direct-drive mechanism with a flexible coupling Compressor block is effectively cooled by a high capacity fan directly coupled to main motor shaft

MODEL	Intake Capacity (cfm)	POWER (hp)
HPC L 75	200	25
HPC L 106	298	30

-STANDARD EQUIPMENT-

High quality components, such as IP55 electric motors cast iron cylinder and crank cases dynamically balanced cast steel crank shaft and counter weight, cast steel connecting rods, CE certified air tanks complying with SPVD and designed as per EN 286-1 standard.

-RELIABILITY-

HERTZ reciprocating compressors have laid the foundation of the trust for the HERTZ brand as they had been working for many year in many different applications and industries, especially in small enterprises since 1969, when they were first produced. HERTZ reciprocating compressors, which are trouble-free and with a long service life, may be used safely in many applications with single and double stage options.









www.hertz-kompressoren.com

000

HW166

10

-DOWNSTREAME QUIPMENT COMPRESSED AIR DRYERS

- DRYER

- HRD US
- HRD HP US HRD H US
- HRC US HDA US
- HBP US

- FILTERS

- HMD US
- HGO US - HF US
- HHGO US
- MIST ELIMINATOR
 - HELM US
- SEPARATOR
 - HG WS US

- OTHERS

- Automatic Drain
- Zero Loss Automatic Drain
- H-Mat / H-Sep
- Air Quality



DOWNSTREAM EQUIPMENT COMPRESSED AIR DRYERS

HRD US SERIES Refrigerated Type Air Dryers

- 37 °F pressure dew poin
- Very Low Pressure Drop
- Designed for Tropical Conditions
- Compact design & easy service ability
- User friendly digital controller
- Scroll compressors
- Integrated line filters

Cycling fan

MODEL	Flow rate @ 100 psi (cfm)
HRD US 10	10
HRD US 15	15
HRD US 25	25
HRD US 30	30
HRD US 40	40
HRD US 60	60
HRD US 80	80
HRD US 100	100
HRD US 125	125
HRD US 150	150
HRD US 200	200
HRD US 250	250
HRD US 350	350
HRD US 500	500
HRD US 600	600
HRD US 750	750
HRD US 1000	1000
HRD US 1200	1200
HRD US 1500	1500
HRD US 1750	1750
HRD US 2250	2250
HRD US 2600	2600
HRD US 3000	3000
HRD US 3500	3500
HRD US 4000	4000
HRD US 4500	4500
HRD US 5500	5500



DOWNSTREAM EQUIPMENT COMPRESSED AIR DRYERS

> HRD HP US SERIES Refrigerated Type Air Dryers

Applications high pressure 37 °F pressure dew point Very Low Pressure Drop Designed for Tropical Conditions Compact design & easy service

User friendly digital controller Patented Alumimum heat

Scroll compresso

MODEL	Flow rate @ 100 psi (cfm)
HRD HP US 15	15
HRD HP US 20	20
HRD HP US 25	25
HRD HP US 40	40
HRD HP US 65	65
HRD HP US 90	90
HRD HP US 105	105
HRD HP US 120	120
HRD HP US 170	170
HRD HP US 190	190
HRD HP US 215	215
HRD HP US 270	270
HRD HP US 330	330
HRD HP US 425	425
HRD HP US 540	540
HRD HP US 615	615
HRD HP US 775	775
HRD HP US 880	880
HRD HP US 1080	1080
HRD HP US 1160	1160
HRD HP US 1380	1380



DOWNSTREAM EQUIPMENT COMPRESSED AIR DRYERS

> HRD H US SERIES High Temperature Air Dryers

High compressed air temprature applications Independent air cooled aftercooler with condenser Moisture separator Easy installation and maintenance User friendly digital controller

MODEL	Flow rate @ 100 psi (cfm)
HRD H US 15	15
HRD H US 25	25
HRD H US 35	35
HRD H US 50	50
HRD H US 75	75
HRD H US 100	100



DOWNSTREAM EQUIPMENT PRESSURIZED AIR DRYERS

HRC US SERIES Cycling (Thermal Mass) Air Dryers

SAVE THE ENERGY

Hertz Cycling Dryers cools an engi-neered special liquid in a stainless tank having 33.8°F temperature. This liquid is cycled in the dryer to cool down the compressed air.

This technology helps the customers to SAVE ENERGY when the dryer has variable inlet flow.

Energy Efficient

- Very Low Pressure Designed for Tropical Conditions Compact design & easy service

- ability User friendly digital controller Scroll compressors Stainless steel heat exchanger, tank, pump

MODEL	Flow rate @ 100 psi (cfm)
HRC US 150	150
HRC US 175	175
HRC US 200	200
HRC US 250	250
HRC US 325	325
HRC US 400	400
HRC US 500	500
HRC US 700	700
HRC US 850	850
HRC US 1000	1000
HRC US 1200	1200
HRC US 1600	1600
HRC US 2000	2000
HRC US 2400	2400
HRC US 3000	3000



DOWNSTREAM EQUIPMENT COMPRESSED AIR DRYERS

HDA US SERIES Heatless Adsorption Air Dryers

HDA US Heatless Desiccant Dryers are equipped with very special valves and desiccants in order to perform very well and have one of the lowest pressure drops available in the Market.

- -40 °F to 94 °F pressure dew point Filters included
- Mixture activated alumina.
- molecular sieve and silica gel
- User friendly multi lingual PLC

MODEL	Flow rate @ 100 psi (cfm)
HDA US 300	300
HDA US 400	400
HDA US 500	500
HDA US 600	600
HDA US 700	700
HDA US 800	800
HDA US 1000	1000
HDA US 1250	1250
HDA US 1500	1500
HDA US 2000	2000
HDA US 2500	2500
HDA US 3000	3000
HDA US 4000	4000
HDA US 4500	4500
HDA US 5000	5000
HDA US 6000	6000



DOWNSTREAM EQUIPMENT PRESSURIZED AIR DRYERS

HBP US SERIES **Blower Purge Adsorption** Air Dryers

The heater circuit is completely insulated ensuring maximum heating efficiency.

- -40 °F to 94 °F pressure dew point User friendly PLC Touch Screen
- Dew point monitoring and control
- Mixture activated alumina, molecular sieve and silica gel
- Zero compressed air loss

MODEL	Flow rate @ 100 psi (cfm)
HBP US 500	500
HBP US 600	600
HBP US 700	700
HBP US 800	800
HBP US 1000	1000
HBP US 1250	1250
HBP US 1500	1500
HBP US 2000	2000
HBP US 2500	2500
HBP US 3000	3000
HBP US 4000	4000
HBP US 4500	4500
HBP US 5000	5000
HBP US 6000	6000
HBP US 7000	7000
HBP US 8000	8000
HBP US 9000	9000
HBP US 10000	10000



DOWNSTREAM EQUIPMENT PRESSURIZED AIR FILTERS

HMD US SERIES **Modular Desiccant** Air Dryers

Hertz proudly offers one of the lowthe world by the help of highly engineered inlet valve and purge manifold design.

- -40 °F to 94 °F pressure dew point Small footprint, lightweight, advanced compact design Corrosion protected aluminum
- Hassle-free, reliable electronic controls
- Can be floor, bench or wall mounted Quite enough to be placed in any
- Easy installation, easy maintenance User friendly mini PLC Filters included

MODEL	Flow rate @ 100 psi (cfm)
HMD US 3	3
HMD US 5	5
HMD US 10	10
HMD US 15	15
HMD US 20	20
HMD US 25	25
HMD US 30	30
HMD US 40	40
HMD US 50	50
HMD US 60	60
HMD US 75	75
HMD US 100	100
HMD US 120	120
HMD US 180	180
HMD US 240	240



DOWNSTREAM EQUIPMENT COMPRESSED AIR FILTERS

HGO US SERIES **Coalescing Line Filters** With Indicator

elements such as oil, dust and humidity. The air in the external environment will also affect the quality of the final product. This ar stage of production.

- Easy service ability
- 1/4" to 3" NTP
- 1 Micron to 0.01 micron particle separator
- 5 ppm to 0.003 ppm liquid carryover

MODEL	Flow rate @ 100 psi (cfm)
HGO US 15	15
HGO US 30	30
HGO US 60	60
HGO US 90	90
HGO US 120	125
HGO US 150	150
HGO US 175	175
HGO US 300	300
HGO US 350	350
HGO US 500	500
HGO US 700	700
HGO US 900	900
HGO US 1100	1100
HGO US 1300	1300
HGO US 1600	1600



DOWNSTREAM EQUIPMENT PRESSURIZED AIR FILTERS

HF US SERIES Flanged Filters

The compressed air coming from the compressor may contain unwanted elements such as oil, dust and humidity. The air in the external environment will also affect the quality of the final product. This air must be filtered prior to the final stage of production.

- Design for easy element change
- from top flange External float drain
- Connection; 3" to 14" ANSI B16.5

- 5 ppm to 0.003 ppm liquid
- Indicator for filter change

MODEL	Flow rate @ 100 psi (cfm)
HF US 1500	1500
HF US 1900	1900
HF US 2500	2500
HF US 3800	3800
HF US 5000	5000
HF US 6500	6500
HF US 8300	8300
HF US 1000	1000
HF US 12400	12400
HF US 15000	15000
HF US 17700	17700



DOWNSTREAM EQUIPMENT PRESSURIZED AIR FILTERS

> HHGO US SERIES High Pressure Airline Filters

- High pressure 725 psig std (5075 opt)
- Connection; 1/4" NPT to 2 1/2" NPT 1 Micron to 0.01 micron particle
- separator
- 5 ppm to 0.003 ppm liquid carryover

MODEL	Flow rate @ 100 psi (cfm)
HHGO US 60	60
HHGO US 175	175
HHGO US 350	350
HHGO US 500	500
HHGO US 700	700
HHGO US 950	950
HHGO US 1500	1500
HHGO US 1750	1750



DOWNSTREAM EQUIPMENT COMPRESSED AIR FILTERS

HELM US SERIES Mist Eliminator Compressed Air Filters

- Fine oil separator
- Very low pressure drop
- Large oil catching efficiency
- Easy field cleaning
- Auto float drain
- Removal of particles to 0.01 micron
- Liquid carryover 0.01 ppm
- Indicator for filter change

MODEL	Flow rate @ 100 psi (cfm)
HELM US 150	150
HELM US 300	300
HELM US 600	600
HELM US 800	800
HELM US 1200	1200
HELM US 1600	1600
HELM US 2100	2100
HELM US 2750	2750
HELM US 4200	4200
HELM US 6000	6000
HELM US 8000	8000
HELM US 1000	1000
HELM US 12000	12000



DOWNSTREAM EQUIPMENT PRESSURIZED AIR FILTERS

HG WS US SERIES Water Separators

Bulk water separator Low pressure drop Connection: 1/4" NPT to 3" NPT Automatic drain

MODEL	Flow rate @ 100 psi (cfm)
HG WS US 15	15
HG WS US 60	60
HG WS US 120	120
HG WS US 175	175
HG WS US 350	350
HG WS US 700	700
HG WS US 1300	1300



DRAIN

AUTOMATIC DRAIN

The External Drain is designed to remove liquid condensation from collection points in a compressed air system.

- Inlet strainer for grease filtration: Standard
- Durable epoxy powder-coat finish Resistant internal coating for long service life
- Reliable
- Easy maintenance
- Max. working pressure: 230 psi
- Max. working Temperature: 176°F
- Connection drain: 1/2"WHT
- Orifice size: 2 mm



DRAIN

ZERO LOSS AUTOMATIC DRAIN

- Low operating costs
- Outstanding reliability
- Durable and resistant to dirt
- Large valve diameters prevent the
- formation of emulsions
- Suitable for temperatures up to +158 $^\circ \! F$
- Easy to install and virtually maintenance-free
- Automatic start of self-cleaning process based on dirt particle load Automated operation and



OIL/WATER SEPARATOR

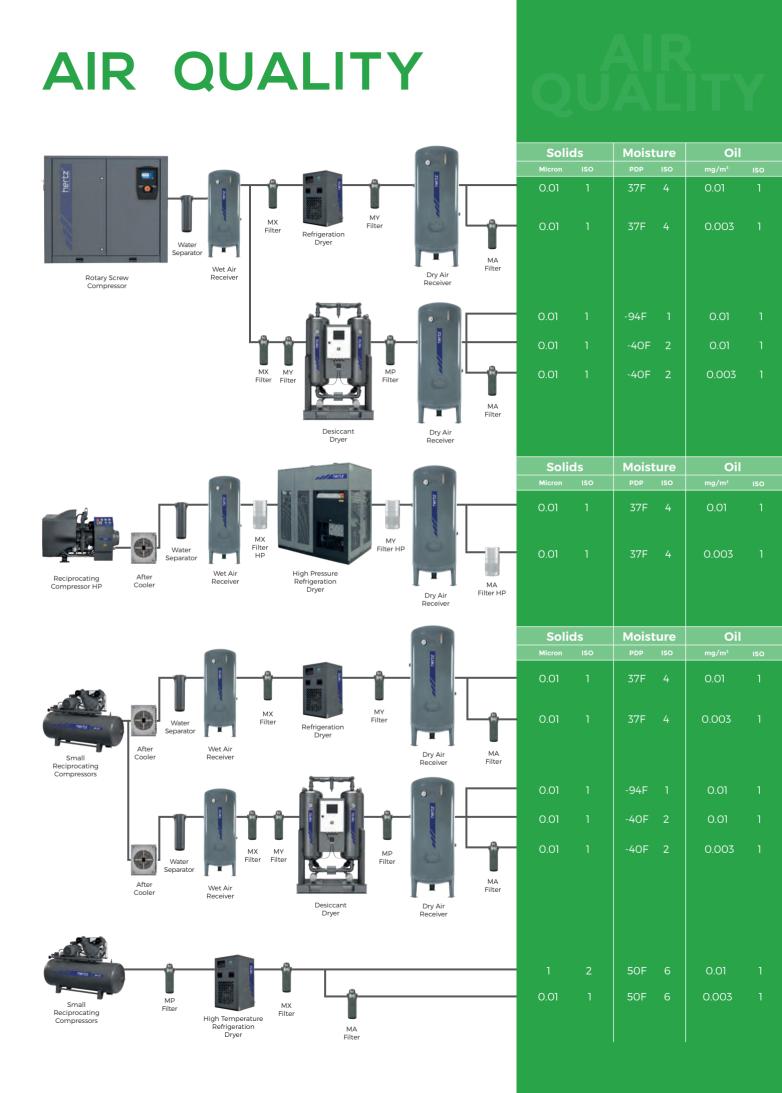
H-Mat PLUS

Condensate feed is possible both under pressure and pressureless NEW - preko-streamingfilter

- End stage filter
- Oil-collect tank with overflow
- safe-guard
- Optical level control as standard
- Heater (optional)

H-Sep SERIES

Condensate feed is possible both under pressure and pressureless NEW - preko-streamingfilter End stage filter Oil-collect tank with overflow safe-guard Optical level control as standard Heater (optional)







www.hertz-kompressoren.com





HERTZ KOMPRESSOREN GLOBAL

HERTZ KOMPRESSOREN USA Inc. 3320 Service St. Charlotte, NC 28206 USA Phone:+1-704-579-5900 Fax : +1-704-579-5997

HERTZ KOMPRESSOREN GmbH