

EXPORT PRICE LIST 2006 BREATHING AIR

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BREATHING AIR COMPRESSORS, PORTABLE, 100 Liter/min

Model	Capacity		Drive		RPM	Filter capacity @ 20°C m ³ (hrs)	No. of filling hoses	Export price Euro €
	l/min	cfm	kW	HP				
LW 100 E	100	3.5	2.2	3	2300	108 (18)	1	€2940.00
LW 100 E1	100	3.5	2.2	3	2300	108 (18)	1	€2940.00
LW 100 B	100	3.5	4.5	6	2300	108 (18)	1	€3080.00

Scope of delivery:

Lightweight portable compressors for mobile or light filling applications, 3 stage, 3 cylinder, air cooled V-belt driven compressor block, mounted on a stainless steel frame with carrying handles. Micronic inlet filter, inter-stage coolers, breathing air filtration, pressure maintaining- non-return valve.

Air purification to EN 12021, safety valve after each stage, manual condensation drain.

1 filling hose with filling valve and final pressure gauge. 200/232 bar version with DIN/INT Yoke connection, 300 bar version with DIN connection.

Documentation including instruction manual, spare parts list and drawing, maintenance schedule and CE certificate of conformity.

Complete with drive motor:

Model	Prime mover	Dimensions L x W x H (cm)	Weight kg/lbs
LW 100 E	Electric motor 400V 3 Phase 50/60 Hz. Cable & Plug (16A CEE) Start/Stop switch	67 x 40 x 40	43 / 95
LW 100 E1	Electric motor 230V AC 50/60 Hz. Cable & Plug (230V CE) Start/Stop switch	65 x 39 x 40	46 / 99
LW 100 B	Vanguard 118400 4-stroke gasoline drive with hand pull start, low oil cut off	70 x 35 x 40	43 / 95

Surcharges for optional extras:

Model	¹ Conv. Set for petrol / electric drive	Drain hose set (1m long)	Extra Filling hose	² Hours counter & Auto stop	3 x 220 V version (E only)	³ 200/300 bar
LW 100 E	€ 833.00	€ 26.60	€ 236.60	€ 506.00	€ 126.00	€ 546.00
LW 100 E1	€ 833.00	€ 26.60	€ 236.60	€ 506.00	n.a.	€ 546.00
LW 100 B	⁴ € 721.00	€ 26.60	€ 236.60	€ 348.60	n.a.	€ 546.00

¹ Converts the compressor from electric to gasoline drive, or vice versa includes pulley and vee belt

² Includes electrical box for wall mounting with start/stop switch and running lamp

³ Includes selector valve, safety valve, 2nd filling hose, filling valve and pressure gauge.

BREATHING AIR COMPRESSORS, PORTABLE, 160 – 190 Liter/min

Model	Capacity		Drive		RPM	Filter capacity @ 20°C m ³ (hrs)	No. Of filling hoses	Export price Euro €
	l/min	cfm	kW	HP				
LW 160 E	160	5.7	4.0	5.5	1450	180 (19)	1	€5432.00
LW 160 E1	160	5.7	3.7	5	1450	180 (19)	1	€6916.00
LW 190 B	190	6.7	6.6	9	1900	180 (16)	1	€6188.00

Scope of delivery:

Portable compressors for mobile or light filling applications, 3 stage, 3 cylinder, air cooled V-belt driven compressor block, mounted on a carrying frame with vibration absorbers. Micronic inlet filter, stainless steel cooling pipes, pressure maintaining valve. Air purification to EN 12021, safety valve after each stage, manual condensation drain, 1 filling hose with filling valve and final pressure gauge.

Documentation including instruction manual, spare parts list and drawings, maintenance schedule and CE certificate of conformity.

Complete with drive motor:

Model	Prime mover	Dimensions L x W x H (cm)	Weight kg/lbs
LW 160 E	Electric motor 400V 3 Phase 50 Hz. Incl. cable & plug (16A CEE) Start/Stop switch with direction of rotation selector	78 x 42 x 56	90 / 198
LW 160 E1	Electric motor 230V 1 Phase 50 Hz Start/stop switch	78 x 42 x 56	90 / 198
LW 190 B	Honda GX 270 4-stroke gasoline drive with hand pull start	92 x 43 x 57	99 / 218

Filling connections available in 200 & 232 bar DIN, Yoke, CGA, NF or 300 bar DIN, CGA or NF.

Surcharges for optional extras:

Model	¹ Conv. Set for petrol / electric drive	Extra Filling hose	Hours counter	² Auto stop	Auto drain	Special windings	³ 200/300 bar
LW 160 E	€ 1276.80	€ 236.60	€ 114.80	€ 506.80	€ 1288.00	€ 182.00	€ 866.60
LW 160 E1	€ 1276.80	€ 236.60	€ 114.80	€ 506.80	€ 1288.00	Incl.	€ 866.60
LW 190 B	€ 1276.80	€ 236.60	n.a.	€ 348.60	n.a.	n.a.	€ 866.60

¹ Converts the compressor from electric to gasoline drive, or vice versa. Includes motor plate and vee belt tensioning.

² Includes electrical box for wall mounting with start/stop switch and running lamp

³ Includes selector valve, safety valve, 2nd filling hose, filling valve and pressure gauge.

BREATHING AIR COMPRESSORS, PORTABLE, 225 – 245 Liter/min

Model	Capacity		Drive		RPM	Filter capacity @ 20°C m ³ (hrs)	No. Of filling hoses	Export price Euro €
	l/min	cfm	kW	HP				
LW 225 E	225	8.0	5.5	7.5	1900	200 (15)	1	€6496.00
LW 245 B	245	8.7	6.6	9	2000	200 (14)	1	€7210.00

Scope of delivery:

Portable compressors for mobile or light filling applications, 3 stage, 3 cylinder, air cooled V-belt driven compressor block, mounted on a carrying frame with vibration absorbers. Micronic inlet filter, stainless steel cooling pipes, pressure maintaining valve. Air purification to EN 12021, safety valve after each stage, manual condensation drain, 1 filling hose with filling valve and final pressure gauge.

Documentation including instruction manual, spare parts list and drawings, maintenance schedule and CE certificate of conformity.

Complete with drive motor:

Model	Prime mover	Dimensions L x W x H (cm)	Weight kg/lbs
LW 225 E	Electric motor 400V 3 Phase 50 Hz. Incl. cable & plug (16A CEE) Start/Stop switch with direction of rotation selector	78 x 45 x 56	92 / 202
LW 245 B	Honda GX 270 4-stroke gasoline drive with hand pull start	92 x 45 x 57	94 / 207

Filling connections available in 200 & 232 bar DIN, Yoke, CGA, NF or 300 bar DIN, CGA, NF.

Surcharges for optional extras:

Model	¹ Conv. Set for petrol / electric drive	Extra Filling hose	Hours counter	² Auto stop	Auto drain	Special windings	³ 200/300 bar
LW 225 E	€ 1276.80	€ 236.60	€ 114.80	€ 506.80	€ 1288.00	€ 182.00	€ 866.60
LW 245 B	€ 782.60	€ 236.60	n.a.	€ 348.60	n.a.	n.a.	€ 866.60

¹ Converts the compressor from electric to gasoline drive, or vice versa. Includes motor plate and vee belt tensioning.

² Includes electrical box for wall mounting with start/stop switch and running lamp

³ Includes selector valve, safety valve, 2nd filling hose, filling valve and pressure gauge.

**BREATHING AIR COMPRESSORS,
NAUTIC SERIES 170 – 300 Liter/min**

Model	Capacity		Prime Mover		RPM	Filter capacity @ 20°C m³ (hrs)	No of filling hoses	Export price Euro €
	l/min	cfm	KW	HP				
LW 170 D Nautic	170	6	4.8	6.5	1530	180 (18)	2	€9070.60
LW 170 D Nautic AL	170	6	4.8	6.5	1530	180 (18)	2	€9798.60
LW 170 E Nautic	170	6	4.0	5.5	1530	180 (18)	2	€7868.00
LW 170 E1 Nautic	170	6	3.7	5	1530	180 (18)	2	€10917.00
LW 200 E Nautic	200	7	5.5	7.5	1530	200 (17)	2	€8666.00
LW 300 B Nautic AL	300	10.6	8.2	11	1400	900 (50)	4	€11060.00

Scope of delivery:

Robust compressors for mobile/stationary filling applications, 3 stage, 3 cylinder, air cooled V-belt driven. Micronic inlet filter, corrosion resistant cooling pipes, pressure maintaining valve and non-return valve, mounted in a strong carrying frame, powder coated in RAL 6026. Frame includes 4 foldable carrying handles and 4 sling points for lifting. LW 170 D AL and LW 300 B AL frames are manufactured in salt water resistant aluminium.

Air purification to EN 12021, safety valve after each stage, manual condensation drain. Integrated filling console with compressor controls, hours counter and final pressure gauge 2/4 filling valves with filling hoses, and filling connections available in 200 or 300 bar, DIN, CGA, NF or Yoke connections.

LW 170/200 E Nautic: Complete with drive motor (E = Electric motor 400V 3 Phase 50Hz., E1 = Electric motor 220V 1 Phase 60 Hz., D = Diesel). Electric motor units include cable, 16A plug and switch for start stop and phase selection (except E1).

LW 170 D-Nautic / AL: Complete with Yanmar L70 AE 4.8 kW single cylinder engine. Electric start with 12V generator and pull start with decompression lever. 12V battery with charge warning light in console. Stainless steel fuel tank capacity approx. 5 hours running. 3m inlet hose.

LW 300 B Nautic AL: Complete with Vanguard 4 stroke petrol engine drive. Electric starter, low oil cut off, manual speed lever. 12V battery. Integrated tank for approx 2 hours running time

Documentation including instruction manual, spare parts list and drawings, maintenance schedule and CE certificate of conformity.

Surcharges for optional extras:

Model	2 Extra Filling hoses	Auto stop	Auto drain	Auto start (only with auto stop)	¹ 200 & 300 bar	Puracon moisture controller	Special Windings
LW 170 D Nautic	€ 537.60	€ 348.60	€1288.00	n.a.	€ 1422.40	n.a.	n.a.
LW 170 D Nautic AL	€ 537.60	€ 348.60	€1288.00	n.a.	€ 1422.40	n.a.	n.a.
LW 170 E Nautic	€ 537.60	€ 348.60	€1288.00	€ 350.00	€1422.40	€1397.20	€ 182.00
LW 170 E1 Nautic	€ 537.60	€ 348.60	€1288.00	enquire	€ 1422.40	€1397.20	Incl.
LW 200 E Nautic	€ 537.60	€ 348.60	€1288.00	€ 350.00	€ 1422.40	€1397.20	€ 182.00
LW 300 B Nautic AL	4 incl.	€ 1806.00		n.a.	€ 1422.40	n.a.	n.a.

¹ Includes pressure reducer and safety valve and ²nd pressure gauge for simultaneous filling 200 & 300 bar

BREATHING AIR COMPRESSORS, COMPACT, 280 Liter/min

Model	Capacity		Prime Mover		RPM	Filter capacity @ 20°C m ³ (hrs)	No of filling hoses	Export price Euro €
	L/min	cfm	kW	HP				
LW 280 EC	280	9.9	7.5	10	1300	900 (54)	1	€8106.00
LW 280 E1C	280	9.9	7.5	10	1300	900 (54)	1	€10941.00

Scope of delivery:

Slow running, 3 stage, 3 cylinder compressor, air cooled V-belt driven. Ideal for installations where limited space is available or special requirements for options are desired. Micronic inlet filter, corrosion resistant cooling pipes, pressure maintaining valve and non-return valve, mounted on a strong steel chassis, powder coated in RAL 6026. Steel guard for pulley and V belt, powder coated in RAL 6026 with integrated filling valve stowage.

LW 280 EC compact complete with drive motor 400V 50Hz, fully wired with hours counter, star/delta start cycle and start/stop switch and emergency off.

LW 280 E1C compact complete with drive motor 220V, 60 Hz, single phase with start/stop switch (soft starter recommended, see below).

Air purification to EN 12021, oil & water separators after each stage, safety valve after each stage, manual condensation drain or auto drain (see options).

Filling hose with cross design filling valve and pressure gauge. Filling connections available in 200 or 300 bar, DIN, CGA, NF or Yoke connections.

Documentation including instruction manual, spare parts list and drawings, maintenance schedule and CE certificate of conformity.

Surcharges for optional extras:

Model	Extra filling hose & valve	Oil and inter-stage pressure gauges in console	Puracon moisture control	¹ 200/300 bar
LW 280 EC	€ 236.60	€ 408.80	€ 1397.20	€ 866.60
LW 280 E1C	€ 236.60	€ 408.80	€ 1397.20	€ 866.60

Model	² Thermal overload switch	Hours counter	Special windings	Auto stop	Auto start (only with auto stop)	Auto drain	Soft starter
LW 280 EC	€ 238.00	Incl.	€ 182.00	€ 348.60	€ 350.00	€ 1288.00	enquire
LW 280 E1C	€ 238.00	€ 92.40	incl.	€ 348.60	€ 350.00	€ 1288.00	€ 711.20

¹ Includes selector valve, safety valve, 2nd pressure filling hose, filling valve and pressure gauge.

² Mounted next to the motor in a separate box

**BREATHING AIR COMPRESSORS,
STATIONARY, 3 STAGE, 230 – 450 Liter/min**

Model	Capacity		Prime Mover		RPM	Filter capacity @ 20°C m³ (hrs)	No of filling hoses	Export price Euro €
	l/min	cfm	kW	HP				
LW 230 E	230	8.1	5.5	7.5	1080	900 (72)	4	€10346.00
LW 280 E	280	9.9	7.5	10	1300	900 (54)	4	€10696.00
LW 300 E	300	10.6	7.5	10	800	900 (50)	4	€13566.00
LW 450 E	450	15.9	11.0	15	1100	900 (33)	4	€14406.00
LW 450 D Basic	450	15.9	10.5	14	1100	900 (33)	4	€15386.00
LW 450 D	450	15.9	10.5	14	1100	900 (33)	4	€18186.00

Scope of delivery:

Large capacity, slow running stationary compressors for professional filling applications. Air cooled, V belt driven. 3 stage, 3 cylinder block, max operating pressure 350 bar, mounted in a strong steel frame, powder coated in RAL 6026. Micronic inlet filter, corrosion resistant cooling pipes, pressure maintaining valve and non-return valve, oil/water separators after each stage, safety valve for each stage.

Air purification to EN 12021. Integrated filling panel with compressor controls, 4 filling hoses with cross design filling valves and filling connections available in 200 or 300 bar, DIN, CGA, NF or Yoke connections.

E-Version: Automatic condensation drain, automatic stop at final pressure. Fully wired with electric pneumatic compressor controls (or ECC). Electric motor drive, ready for connection with 3 x 400 Volt 1 x Neutral 1 x Earth.

D-Version with Hatz 10.5 kW single cylinder engine in silent pack. Electric start with generator and electric/magnetic speed control. Drain valves open when the final pressure is reached, engine switches automatically over to idle. 12V battery with charge, oil pressure and oil temp warning lights in panel.

D-Basic Version, open diesel with hand start, manual stop and drain, no electrics.

Documentation including instruction manual, spare parts list and drawings, maintenance schedule and CE certificate of conformity.

Surcharge for optional extras:

Model	¹ HP outlet w/o filling hoses	HP outlet c/w 4 filling hoses	² 200 & 300 bar filling module	Puracon moisture controller
LW 230 E	– € 350.00	€ 112.00	€ 1422.40	€ 1397.20
LW 280 E	– € 350.00	€ 112.00	€ 1422.40	€ 1397.20
LW 300 E	– € 350.00	€ 112.00	€ 1422.40	€ 1397.20
LW 450 E	– € 350.00	€ 112.00	€ 1422.40	€ 1397.20
LW 450 D Basic	– € 350.00	€ 112.00	€ 1422.40	n.a.
LW 450 D	– € 350.00	€ 112.00	€ 1422.40	n.a.

¹ Price deducted

² Includes pressure reducer and safety valve for simultaneous filling 200 & 300 bar, 2nd pressure gauge or dual ECC display

STANDARD ELECTRIC – PNEUMATIC CONTROLS:

Standard controls include start button, stop button with leak test function, emergency cut off switch, test switch for opening condensation drain valves. Star delta via timers and relays. Final pressure gauge and electric running hours counter. Compressor controls with manual start, automatic stop at final pressure, automatic condensation drain, pressure free start cycle and pressure free stop.

Surcharges for optional extras:

Model	Special windings	Thermal overload switch	Auto start	¹ Oil temp. monitoring	² Oil press. monitoring	Inter-stage pressure gauges	³ Remote control IP65
LW 230 E	€ 182.00	€ 119.00	€ 350.00	€ 553.00	€ 417.20	€ 289.80	€ 203.00
LW 280 E	€ 182.00	€ 119.00	€ 350.00	€ 553.00	€ 417.20	€ 289.80	€ 203.00
LW 300 E	€ 182.00	€ 119.00	€ 350.00	€ 553.00	€ 417.20	€ 289.80	€ 203.00
LW 450 E	€ 182.00	€ 119.00	€ 350.00	€ 553.00	€ 417.20	€ 289.80	€ 203.00

ECC (ELECTRONIC COMPRESSOR CONTROL):

In addition to the features included in the standard electric pneumatic controls, the ECC includes an illuminated LCD display, 3 status LEDs, number pad for data entry and start/stop, test function for final pressure safety valve, port for final pressure signal, port for fault signal, maintenance programme with hours count down and order number info, statistic memory, auto start function. (See catalogue for complete description).

ECC Control surcharge (only for power supplies in accordance with IEC 38)	€926.00
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Surcharges for optional extras:

Model	Special windings	Thermal overload switch	Oil temp. monitoring	Oil press. Monitoring	final stage temp. monitoring	Inter-stage pressure display	Remote ECC control and display
LW 230 E	€ 182.00	€ 119.00	€ 200.20	€ 238.00	€ 200.20	€ 312.20	€ 2341.50
LW 280 E	€ 182.00	€ 119.00	€ 200.20	€ 238.00	€ 200.20	€ 312.20	€ 2341.50
LW 300 E	€ 182.00	€ 119.00	€ 200.20	€ 238.00	€ 200.20	€ 312.20	€ 2341.50
LW 450 E	€ 182.00	€ 119.00	€ 200.20	€ 238.00	€ 200.20	€ 312.20	€ 2341.50

¹ Includes led display in °C with automatic shut down for high temperature

² Includes 2 LEDs for oil pressure parameters with automatic shut down at low pressure

³ Includes electrical box for wall mounting with start/stop switch and running lamp

BREATHING AIR COMPRESSORS, SILENT, 230 – 570 Liter/min

Model	Sound level at 1m distance	Capacity		PM Drive		RPM	Filter capacity @ 20°C m ³ (hrs)	No of filling hoses	Export price Euro €
		l/min	cfm	kW	HP				
LW 230 ES	61 dB(A)	230	8.1	5.5	7.5	1080	900 (72)	2	€11130.00
LW 280 ES	62 dB(A)	280	9.9	7.5	10	1300	900 (54)	2	€11410.00
LW 300 ES	63 dB(A)	300	10.6	7.5	10	800	1200 (67)	-	€15666.00
LW 450 ES	64 dB(A)	450	15.9	11.0	15	1100	1200 (44)	-	€16506.00
LW 570 ES	64 dB(A)	570	20.1	15.0	20	1100	1200 (35)	-	€18172.00

Scope of delivery:

Large capacity, slow running stationary compressors for professional filling applications. Air cooled, V belt driven. Vertically mounted in a sound insulated cabinet for excellent noise emission reduction. Housing in steel, powder coated in RAL 6026 with integrated control panel.

230 – 450 compressors with 3 stage, 3 cylinder block, max operating pressure 350 bar. 570 compressors with 4 stage, 4 cylinder block, max. operating pressure 420 bar.

2 Filling hoses (only 230 ES and 280 ES) with self venting lever operated filling valves and filling connections available in 200 or 300 bar, DIN, CGA, NF or Yoke connections.

Micronic inlet filter, corrosion resistant cooling pipes, pressure maintaining valve and non-return valve, oil/water separators after each stage, safety valve for each stage.

Automatic condensation drain, automatic stop at final pressure. Fully wired with electric pneumatic compressor controls (or ECC).

Air purification to EN 12021.

Electric motor drive, ready for connection with 3 x 400 Volt 1 x Neutral 1 x Earth.

Documentation including instruction manual, spare parts list and drawings, maintenance schedule and CE certificate of conformity.

Surcharges for optional extras:

Model	¹ HP outlet w/o filling hoses	HP outlet c/w filling hoses	Additional filling hose(s)	² 200 & 300 bar filling module	Special windings	Puracon moisture controller	Surcharge for 420 bar version
LW 230 ES	- € 196.00	€112.00	€ 313.60	€ 1422.40	€ 182.00	€1397.00	n.a.
LW 280 ES	- € 196.00	€112.00	€ 313.60	€ 1422.40	€ 182.00	€1397.20	n.a.
LW 300 ES	Incl.	-	€1075.20 (4)	€ 1422.40	€ 182.00	€1397.20	n.a.
LW 450 ES	Incl.	-	€1075.20 (4)	€ 1422.40	€ 182.00	€1397.20	n.a.
LW 570 ES	Incl.	-	€1075.20 (4)	€ 1422.40	€ 182.00	€1397.20	€ 3465.00

¹ Price deducted

² Includes pressure reducer and safety valve for simultaneous filling 200 & 300 bar, 2nd pressure gauge or dual ECC display

STANDARD ELECTRIC – PNEUMATIC CONTROLS:

Standard controls include start button, stop button with leak test function, emergency cut off switch, test switch for opening condensation drain valves. Star delta via timers and relays. Final pressure gauge and electric running hours counter. Compressor controls with manual start, automatic stop at final pressure, automatic condensation drain, pressure free start cycle and pressure free stop.

Surcharges for optional extras:

Model	Special windings	Thermal overload switch	Auto start	¹ Oil temp. monitoring	² Oil press. monitoring	Inter-stage pressure gauges	³ Remote control IP65
LW 230 ES	€ 182.00	€ 119.00	€ 350.00	€ 553.00	€ 417.20	€ 289.80	€ 203.00
LW 280 ES	€ 182.00	€ 119.00	€ 350.00	€ 553.00	€ 417.20	€ 289.80	€ 203.00
LW 300 ES	€ 182.00	€ 119.00	€ 350.00	€ 553.00	€ 417.20	€ 289.80	€ 203.00
LW 450 ES	€ 182.00	€ 119.00	€ 350.00	€ 553.00	€ 417.20	€ 289.80	€ 203.00
LW 570 ES	€ 182.00	€ 119.00	€ 350.00	€ 553.00	€ 417.20	€ 289.80	€ 203.00

ECC (ELECTRONIC COMPRESSOR CONTROL):

In addition to the features included in the standard electric pneumatic controls, the ECC includes an illuminated LCD display, 3 status LEDs, number pad for data entry and start/stop, test function for final pressure safety valve, port for final pressure signal, port for fault signal, maintenance programme with hours count down and order number info, statistic memory, auto start function. (See catalogue for complete description).

ECC Control surcharge (only for power supplies in accordance with IEC 38)	€ 1296.40
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Surcharges for optional extras:

Model	Special windings	Thermal overload switch	Oil temp. monitoring	Oil press. Monitoring	final stage temp. monitoring	Inter-stage pressure display	Remote ECC control and display
LW 230 ES	€ 182.00	€119.00	€ 200.20	€ 238.00	€ 200.20	€ 312.20	€ 2341.50
LW 280 ES	€ 182.00	€119.00	€ 200.20	€ 238.00	€ 200.20	€ 312.20	€ 2341.50
LW 300 ES	€ 182.00	€119.00	€ 200.20	€ 238.00	€ 200.20	€ 312.20	€ 2341.50
LW 450 ES	€ 182.00	€119.00	€ 200.20	€ 238.00	€ 200.20	€ 312.20	€ 2341.50
LW 570 ES	€ 182.00	€119.00	€ 200.20	€ 238.00	€ 200.20	€ 467.60	€ 2341.50

¹ Includes led display in °C with automatic shut down for high temperature

² Includes 2 LEDs for oil pressure parameters with automatic shut down at low pressure

³ Includes electrical box for wall mounting with start/stop switch and running lamp

**BREATHING AIR COMPRESSORS,
STATIONARY, 4 STAGE, 570 – 1300 Liter/min**

Model	Capacity		Prime Mover		RPM	Filter capacity @ 20°C m³ (hrs)	No of filling hoses	Export price Euro €
	l/min	cfm	kW	HP				
LW 570 E	570	20.2	15.0	20	1100	1200 (35)	4	€16366.00
LW 570 D	570	20.2	13.0	18	1100	1200 (35)	4	€ 21490.00
LW 720 E	720	25.5	18.5	25	1060	2400 (56)	-	€24346.00
LW 1300 E	1300	45.9	30	41	985	¹ 3600 (46)	-	€38052.00

Scope of delivery

Large capacity, slow running stationary compressors for professional filling applications. Air cooled, V belt driven (1300 E direct drive). 4 stage, 4 cylinder block, max. operating pressure 450 bar, mounted in a strong steel frame, powder coated in RAL 6026 with integrated control panel and filling hose console. Micronic inlet filter, corrosion resistant cooling pipes, pressure maintaining valve and non-return valve, oil/water separators after each stage, safety valve for each stage.

Automatic condensation drain, automatic stop at final pressure. Fully wired with electric pneumatic compressor controls (or ECC).

Air purification to EN 12021.

LW 570 E & D: Integrated filling panel with compressor controls, hours counter and final pressure gauge. 4 filling hoses with cross design filling valves and filling connections available in 200 or 300 bar, DIN, CGA or Yoke.

E-Version - Electric motor drive, ready for connection with 3 x 400 Volt 1 x Neutral 1 x Earth.

D-Version - Diesel drive with Yanmar 3TNE68 water cooled 3-cylinder diesel drive, 12.9 kW Motor, Yanmar motor control including: starter protection, water temperature control, oil pressure control, battery charging control, pre-start glow plug control, hours counter, electric start/electric stop.

Documentation including instruction manual, spare parts list and drawings, maintenance schedule and CE certificate of conformity.

SURCHARGE FOR OPTIONS

Model	² HP outlet w/o filling hoses	HP outlet c/w 4 filling hoses	³ 200 & 300 bar filling module	Puracon moisture controller	Surcharge for 420 bar version
LW 570 E	- €350.00	€112.00	€1422.40	€1397.20	€3465.00
LW 570 D	- € 350.00	€112.00	€1422.40	n.a.	€3465.00
LW 720 E	Incl.	n.a.	n.a.	€1397.20	€4165.00
LW 1300 E	Incl.	n.a.	n.a.	€1397.20	€4865.00

¹ 3 x 2.3 Liter filter panel for wall mounting

² Price deducted

³ Includes pressure reducer and safety valve for simultaneous filling 200 & 300 bar, 2nd pressure gauge or dual ECC display

STANDARD ELECTRIC – PNEUMATIC CONTROLS:

Standard controls include start button, stop button with leak test function, emergency cut off switch, test switch for opening condensation drain valves. Star delta via timers and relays. Final pressure gauge and electric running hours counter. Compressor controls with manual start, automatic stop at final pressure, automatic condensation drain, pressure free start cycle and pressure free stop.

Surcharges for optional extras:

Model	Special windings	Thermal overload switch	Auto start	¹ Oil temp. monitoring	² Oil press. monitoring	Inter-stage pressure gauges	³ Remote control IP65
LW 570 E	€ 182.00	€119.00	€ 350.00	€ 553.00	€ 417.00	€ 429.80	€ 203.00
LW 720 E	€ 266.00	incl.	€ 350.00	€ 553.00	incl.	incl.	€ 203.00
LW 1300 E	enquire	incl.	€ 350.00	€ 553.00	incl.	incl.	€ 203.00

ECC (ELECTRONIC COMPRESSOR CONTROL):

In addition to the features included in the standard electric pneumatic controls, the ECC includes an illuminated LCD display, 3 status LEDs, number pad for data entry and start/stop, test function for final pressure safety valve, port for final pressure signal, port for fault signal, maintenance programme with hours count down and order number info, statistic memory, auto start function. (See catalogue for complete description).

ECC Control surcharge (only for power supplies in accordance with IEC 38)	€926.00
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Surcharges for optional extras:

Model	Special windings	Thermal overload switch	Oil temp. monitoring	Oil press. Monitoring	final stage temp. monitoring	Inter-stage pressure display	Remote ECC control and display
LW 570 E	€ 182.00	€119.00	€ 200.20	€ 238.00	€ 200.20	€ 467.60	€ 2341.50
LW 720 E	€ 266.00	incl.	€ 200.20	incl.	€ 200.20	Gauges incl.	€ 2341.50
LW 1300 E	enquire	incl.	€ 200.20	incl.	€ 200.20	Gauges incl.	€ 2341.50

¹ Includes led display in °C with automatic shut down for high temperature

² Includes 2 LEDs for oil pressure parameters with automatic shut down at low pressure

³ Includes electrical box for wall mounting with start/stop switch and running lamp

FILLING PANELS (H = 33cm D = 23cm)

Single Pressure Filling Panels. 200/232 or 300 bars Export price in Euro €
(BA direct filling connectors or filling hoses with connections)

72.07.26	1 x 200 bar or 1 x 300 bar	L = 21cm	1 outlet	742.00
72.07.17	2 x 200 bar or 2 x 300 bar	L = 39cm	2 outlets	1001.00
72.07.25	3 x 200 bar or 3 x 300 bar	L = 58cm	3 outlets	1169.00
72.07.10	4 x 200 bar or 4 x 300 bar	L = 80cm	4 outlets	1386.00
	4 x 200 bar or 4 x 300 bar Stainless Steel	L = 80cm	4 outlets	1792.00
72.07.09	6 x 200 bar or 6 x 300 bar	L = 115cm	6 outlets	2086.00
72.07.35	8 x 200 bar or 8 x 300 bar	L = 153cm	8 outlets	2772.00
72.07.24	9 x 200 bar or 9 x 300 bar	L = 172cm	9 outlets	3122.00

Dual Pressure Filling Panels. 200 and 300 bars Export price in Euro €
(BA direct filling connectors or filling hoses with connections)

72.07.01	2 x 200 bar and 2 x 300 bar	L = 80cm	4 outlets	2587.20
72.07.06	3 x 200 bar and 1 x 300 bar	L = 80cm	4 outlets	2587.20
72.07.07	1 x 200 bar and 3 x 300 bar	L = 80cm	4 outlets	2587.20
72.07.02	3 x 200 bar and 3 x 300 bar	L = 118m	6 outlets	3157.00
72.07.03	2 x 200 bar and 4 x 300 bar	L = 118m	6 outlets	3157.00
72.07.03	4 x 200 bar and 2 x 300 bar	L = 118m	6 outlets	3157.00
72.07.05	4 x 200 bar and 4 x 300 bar	L = 156cm	8 outlets	3773.00
72.07.04	3 x 200 bar and 6 x 300 bar	L = 175cm	9 outlets	3962.00
72.07.04	6 x 200 bar and 3 x 300 bar	L = 175cm	9 outlets	3962.00
	2 x 200 bar and 7 x 300 bar	L = 175cm	9 outlets	3962.00
	7 x 200 bar and 2 x 300 bar	L = 175cm	9 outlets	3962.00

Order code Basic Filling Manifold Export price in Euro €

72.07.15	Filling Manifold c/w 4 filling hoses - ideal for use on Boat decks Aluminium manifold, anodised. c/w 4 filling valves and hoses (each 1m long). Pressure gauge for wall mounting. Manifold 210 x 45 x 35mm. The hose length can be individually configured using the surcharge.	1001.00
HDS100	HP Hose, surcharge for each additional 100 mm length	4.55
000207	Manifold 9 outlets (Manifold only as above without fittings) 9 x G1/4" female threads	103.60

Order Code Optional extras and accessories for filling panels Export price in Euro €

002098	Surcharge for Anti-Whip safety fittings (200 or 300 bar) on filling hoses with lever filling valves, price per outlet	23.10
000580	Surcharge for Silencers on lever filling valves for further noise reduction, price per valve	11.06
002257	Pressure reducer and safety valve (type tested) for 300 bar inlet	1054.20

	and only 200 bar filling pressure	
002120	Inlet for storage tank(s) with pressure gauge and isolation valve for simple 1 stage cascade filling	385.00
002289	Bulkhead Fitting Outlet for 2nd filling panel or Nitrox/Trimix mixing panel	30.80
000575	Special Tool for Lever Filling Valves	36.40
001237	O-Ring for DIN Filling Connection	1.12

STORAGE MODULES 300 bar

Storage modules with 50 Liter Cylinders

Export price in Euro €

1 x 50 ltr (15m³) . Steel cylinder in frame. 300 bar. 1 x 8mm connection. Powder coated.	854.00
2 x 50 ltr (30 m³) . Steel cylinders in frame, connected. 300 bar. 1 or 2 x 8mm connection. Powder coated.	1652.00
3 x 50 ltr (45 m³) . Steel cylinders in frame, connected. 300 bar. 1 or 3 x 8mm connection. Powder coated.	2275.00
4 x 50 ltr (60 m³) . Steel cylinders in frame, connected. 300 bar. 1, 2 or 4 x 8mm connection. Powder coated.	2786.00
6 x 50 ltr (90 m³) . Steel cylinders in frame, connected. 300 bar. 1, 2 or 3 x 8mm connections. Powder coated	4452.00

STORAGE MANAGEMENT PANELS

Cascade panels for storage tanks

Export Price in Euro €

Management Panel for 1 stage filling	959.00
Management Panel for 2 stage filling Cascade filling	1187.20
Management Panel for 3 stage filling Cascade filling	1415.40
Management Panel for 4 stage filling Cascade filling	1643.60

Order Code **Auto filling selector for 300 bar storage tanks**

Export price in Euro €

002212	Auto Fill Selector 200 bar filling pressure 300 bar storage pneumatic for wall mounting 30 x 27 x 10 cm	973.00
002038	Auto Fill Selector 300 bar filling pressure 300 bar storage electric – pneumatic for wall mounting 50 x 43 x 17 cm, 230V	1883.00

MAGNETIC KEY AIR FILLING STATIONS

Order Code **Air Stations**

Importer price in Euro €

AS1	Air Station 1. Stainless Steel locker for mounting outside. Includes magnetic key filling station, LCD display for remaining key credit, 300 bar inlet for storage connection, port with RS232 port access for charging keys, 1 filling hose with cylinder connection (non-whip)	4711.00
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AS2	Air Station 2. Magnetic key filling station for wall mounting, LCD display for remaining key credit, 300 bar inlet for storage connection, port with RS232 port access for charging keys, 1 filling hose with cylinder connection (non-whip)	4270.00
1815	Memory Module AS1 or AS2. extra lockable switch box with memory interface and 1 removable storage module with RS 232 port. Can be downloaded onto a PC for data analysis/filling history including user information.	609.00
1817	Magnetic Keys for AS1 or AS2 Magnetic keys, matched to AS 1 or AS 2 serial number, set of 10 keys, Individual programming for price/credit amount	131.60
1814	Storage module for the memory module 1815, ideal for AS locations where the data analysis is carried out remote from the AS location.	191.10
1818	Surcharge for each additional filling hose (up to a max of 4 hoses per air station)	130.48

NITROX/TRIMIX BLENDING & FILLING

Nitrox / Trimix Partial pressure gas blending panels

Export price in Euro €

Oxygen filling hose for filling diving cylinders with 100% oxygen. Includes pressure gauge (Ø63mm), flow restrictor, filling valve with bleed valve and two tanks connections	544.60
Nitrox Trimix „Classic“ c/w 1 Filling hose, please state required filling connection.	3486.00
Nitrox Trimix „Pro“ c/w oxygen analyser c/w 1 Filling hose, please state required connection.	5628.00
Helium & Oxygen analyser Surcharge for Nitrox Trimix „Pro“ (replaces the standard oxygen analyser) mounted in the panel with LCD display	2097.20
Helium & Oxygen analyser Surcharge for Nitrox Trimix „Classic“ mounted in the panel with LCD display	1397.20
Pre-Filter Unit (1.7 ltr.) incl. panel mounts. Recommended if a filter control unit (e.g.„Puracon“) is not installed. Filter cartridge not included. see page 17. N.B. Secondary filters are mandatory for some training agencies	852.60
Surcharge for each additional filling hose installed in „Classic“ or „Pro“ panels. 100% Oxygen compatible, including filling connection	287.00

Nitrox / Trimix filling connections/accessories

Export price in Euro €

Nitrox Tank connection female M24 x 2.0 (pr EN 144 Dräger/Scubapro) to G1/4” oxygen hose	63.00
Nitrox Tank connection male M26x 2.0 (EN 144) to G1/4” oxygen hose	63.00
Nitrox Tank connection female G3/4” (DIN oxygen) to G1/4” oxygen hose	63.00
Oxygen tank connection female G3/4” (DIN oxygen) to M14 x 1,5mm (6mm nut and sealing ring for pipe connection)	68.60

Order Code

Gas Analysers

Export price in Euro €

000970	Alpha 1 Oxygen Analyser IP 65, 3 years sensor life, 0.1% accuracy, 0.1% resolution, metal casing, ideal for use at the diving site or on boats	614.60
	Helium/oxygen analyser	€ 1957.20

MIXMASTER NITROX MEMBRANE SYSTEMS

Mixmaster panels incl. LP compressor, LP refrigeration dryer, course/fine LP filter, membrane & oxygen analyser

400 V 50 Hz (for other voltages/Hz enquire)	Delivery at 32%	Delivery at 36%	Delivery at 40%	Export price in Euro €
Mixmaster 7-S Plus	350 litre/min	350 litre/min	250 litre/min	24346.00
Mixmaster 7-L Plus	550 litre/min	400 litre/min	-	25746.00
Mixmaster 11-S Plus	400 litre/min	400 litre/min	350 litre/min	27566.00
Mixmaster 11-L Plus	750 litre/min	600 litre/min	-	28966.00
Mixmaster 15-L Plus	800 litre/min	750 litre/min	500 litre/min	30366.00
Mixmaster 16-L Plus	800 litre/min	750 litre/min	600 litre/min	31766.00
Mixmaster 20-L Plus	800 litre/min	800 litre/min	750 litre/min	34846.00
Mixmaster 20-LL Plus	1500 litre/min	1100 litre/min	750 litre/min	45066.00
Mixmaster 28-LL Plus	1500 litre/min	1500 litre/min	1000 litre/min	48986.00

Mixmaster panels for use with LP compressors

Capacity in litre / min @ 10 bar inlet	max. cap. @ 32%	air feed 32%	max. cap. @ 36%	air feed 36%	max. cap. @ 40%	air feed 40%	Export price in Euro €
Mixmaster LP-S	360	550	380	900	400	1600	11186.00
Mixmaster LP-L	720	1250	750	1780	780	3120	12586.00
Mixmaster LP-LL	1400	2500	1500	3560	1500	6200	22386.00

Mixmaster panels for use with HP air storage

Export price in Euro €

Mixmaster HP-S	360	550	380	900	400	1600	10150.00
Mixmaster HP L	720	1250	750	1780	780	3120	11550.00

BREATHING AIR QUALITY CONTROLLER „PURAON“

Order Code	Description	Export price in Euro €
002044	Humidity Control Unit for monitoring the filter cartridge condition complete with digital & LED display. sensor housing and cables.	1293.60
002045	Sensor mounted in a compressor/filling panel	58.80
002077	Sensor, Display and Cables mounted in Compressor. wired complete	103.60
002215	Sensor. Display and Cable mounted in Compressor. wired with cut off at 25 mg/m³. For compressors with E-Motor (except LW 160 E and LW 225 E)	166.60
002255	Surcharge for Sensor to Display Cable 5 metre length	70.00
002046	Surcharge for Sensor to Display Cable 10 metre length	100.80

002192	Surcharge for Sensor to Display Cable 15 metre length	154.00
002290	Surcharge for Sensor to Display Cable 30 metre length	182.00

FILTER CARTRIDGES, COMPRESSOR OIL

Order No	Compressor Oil	Export price in Euro €
000001	Full Synthetic L&W Compressor Oil. 1 Liter Bottle. per litre	29.68

Order No	Filter cartridges for breathing air purification (drying & oil/odour removal)	Export price in Euro €
000644	LW 100 E, LW 100 E1, LW 100 B	22.40
001375	LW 160 E, LW 190 B, LW 170 D - Nautic, LW 170 E - Nautic	29.40
001374	LW 225 E V3, LW 245 B V3, LW 200 E - Nautic	31.50
000002	LW 210 E/ES, 230 E/ES, LW 260 E/ES, LW 280 E/ES LW 300 E, LW 450 E/D, LW 450 EF, (1.7 Liter)	68.88
000003	LW 300 ES, LW 450 ES, LW 570 E/ES/D, LW 720 E, LW 1300 E (2.3 Liter)	87.36

Order No	Filter cartridges for breathing air purification (drying, oil/odour removal and CO/CO ₂ removal)	Export price in Euro €
002309	LW 100 E, LW 100 E1, LW 100 B	29.12
001463	LW 160 E, LW 190 B, LW 170 D - Nautic, LW 170 E - Nautic	40.32
001464	LW 225 E V3, LW 245 B V3, LW 200 E - Nautic	43.68
001459	LW 210 E/ES, 230 E/ES, LW 260 E/ES, LW 280 E/ES LW 300 E, LW 450 E/D, LW 450 EF, (1.7 Liter)	92.40
001461	LW 300 ES, LW 450 ES, LW 570 E/ES/D, LW 720 E, LW 1300 E (2.3 Liter)	114.24

Order No	Filter cartridges for oil/odour removal only	Export price in Euro €
002310	LW 100 E, LW 100 E1, LW 100 B	20.30
001466	Active Charcoal cartridge for 1.7 Liter Filter Housing	65.52
001467	Active Charcoal cartridge 2.3 Liter Filter Housing	78.96

Order No	Filter cartridges for air drying only	Export price in Euro €
002311	LW 100 E, LW 100 E1, LW 100 B	27.30
001460	Molecular Sieve drying cartridge for 1.7 Liter Filter Housing	77.28
001462	Molecular Sieve drying cartridge for 2.3 Liter Filter Housing	100.80

Order No	Air Inlet Filters	Export price in Euro €
001708	LW 100 E, LW 100 E1, LW 100 B	8.40
000119	LW 160 E, LW 190 B, LW 170 D - Nautic, LW 170 E - Nautic, LW 200 E - Nautic, LW 225 E, LW 245 B	16.80
000170	LW 210 E/ES, LW 230 E/ES, LW 260 E/ES, LW 280 E/ES, LW 300	20.30

	E/ES, LW 450 D/E/ES/EF LW 570 D/E/ES, LW 720 E	
001596	LW 1300 E	37.80

AIR INLET SILENCER

Description	Export price in Euro €
Air Inlet Silencer. Steel silencer cabinet (in RAL 7001) for wall mounting to reduce the suction pulsation noise. Designed for indoor or outdoor use. Inlet pipe connections Ø 30, 40 & 50mm. L x D x H: 40 x 26 x 60 cm, Weight 24 kg	553.00

INSTALLATION MATERIAL, ACCESSORIES & SPECIAL TOOLS

Order Code	Description	Export price in Euro €
002037	Wall fitting kit for filling panels (6 screws 10 x 70mm, 6 raw plugs S12)	11.20
002043	Wall fitting kit for storage module(4 screws 10 x 70mm, 6 raw plugs S12)	11.20
002252	Wall fitting kit for air cooler(6 screws 10 x 70mm, 6 raw plugs S12)	11.20
002040	Wall fitting kit for auto filling selector / pressure reducing station / filter panel (4 screws 10 x 70mm, 6 raw plugs S12)	11.20
000851	Reducer from Compressor HP Outlet (10mm) to 8mm Pipe	6.51
002171	8mm Stainless Steel Piping, price per Meter (see also page 24)	11.90
000628	Wall mounts, plastic, for 8mm piping	2.73
000735	G8L Straight connector, for 8mm pipe	7.28
002082	Electric Mains Cable, price per Meter	7.98
002048	Electric Cable for remote (filling panel) on/off switch	8.26
002083	CEE 5 Pin Plug 32A	20.02
002084	CEE 5 Pin Plug 16A	14.84
	Socket, wall mount, 32 Amps	20.02
	Socket, wall mount, 16 Amps	17.64
	Compressor Inlet Hose - price per Meter	13.44
	Axial ventilator for wall mounting, Ø 300mm, 3700 m³/hr flow, 230V	931.00
	Ventilator flap, opens on pressure for exhaust air ventilator	109.20
	Ventilator flap, electrically actuated with motor for inlet air ventilator	534.80
002265	Choke valve for flow control, 2 x G1/4", adjustable with hand wheel	81.20
	Pipe bending tool 6 – 10mm	190.40
000575	Special tool for servicing lever filling valves	36.40
	Special tool for fitting piston rings (3rd stage) 260 & 450 series blocks	161.00

	Filter mounting kit for panel attachment	36.40
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AIR COOLER BASIC without condensation drain. DEW POINT +3°C

For extending filter duration, max 420 bars working pressure, 230 Volt, 50 Hz.
(only for use with a single compressor with automatic drain)

Description; capacity, power, dimensions & weight	Export price in Euro €
Max 450 Litres/min, 500 x 250 x 800mm, 36 kg Wall mounted, 0.17 kW	2506.00
Max 900 Litres/min, 500 x 250 x 800mm, 40 kg Wall mounted, 0.22 kW	2786.00

AIR COOLER with auto condensation drain. DEW POINT +3°C

For extending filter duration, max 250 bars working pressure, 230 Volt, 50 Hz.

Description; capacity, power, dimensions & weight	Export price in Euro €
Max 450 Litres/min, 500 x 250 x 800mm, 36 kg Wall mounted, 0.17 kW	2912.00
Max 900 Litres/min, 500 x 250 x 800mm, 40 kg Wall mounted, 0.22 kW	3248.00
Max 1,350 Litres/min, 500 x 250 x 800mm, 47 kg Wall mounted, 0.33 kW	3948.00
Max 1,950 Litres/min, 500 x 250 x 800mm, 56 kg Wall mounted, 0.39 kW	4732.00
Max 2,850 Litres/min, 500 x 250 x 800mm, 106 kg Free Standing, 0.42 kW	5810.00
Max 3,650 Litres/min, 500 x 250 x 800mm, 118 kg Free Standing, 0.58 kW	6566.00
Max 5,400 Litres/min, 500 x 250 x 800mm, 136 kg Free Standing, 0.70 kW	7812.00

For extending filter duration, max 350 bars working pressure. 230 Volt, 50 Hz.

Description; capacity, power, dimensions & weight	Export price in Euro €
Max 450 Litres/min, 500 x 250 x 800mm, 36 kg Wall mounted, 0.17 kW	3248.00
Max 900 Litres/min, 500 x 250 x 800mm, 40 kg Wall mounted, 0.22 kW	3584.00
Max 1,350 Litres/min, 500 x 250 x 800mm, 47 kg Wall mounted, 0.33 kW	4284.00
Max 1,950 Litres/min, 500 x 250 x 800mm, 56 kg Wall mounted, 0.39 kW	5068.00
Max 2,850 Litres/min, 500 x 250 x 800mm, 106 kg Free Standing, 0.42 kW	6146.00
Max 3,650 Litres/min, 500 x 250 x 800mm, 118 kg Free Standing, 0.58 kW	6902.00
Max 5,400 Litres/min, 500 x 250 x 800mm, 136 kg Free Standing, 0.70 kW	8148.00

Special voltages

Surcharge for 110V and/or for 60 Hz power supply (%)	+11.20%
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Air Cooler fitting kits for L&W compressors (when ordering new compressors)

Air Cooler fitting kit for Silent compressors, including 2 x 1500 mm HP hoses	350.00
Air Cooler fitting kit for Stationary compressors, excluding HP hoses	147.00

PRIME MOVERS - incl. pulleys

Application	Power	Type	Freq.	Export Price Euro..€
LW 100 E	2.2 kW	400 Volt	50 Hz	553.00
LW 100 E1	2.2 kW	230 Volt	50 Hz	553.00
LW 100 B	4.5 kW	Vanguard 118400		495.00
LW 160 E, LW 170 E Nautic	4.0 kW	400 Volt	50 Hz	543.20
LW 190 B, LW 245 B V3	6.0 kW	Honda GX 270		837.00
LW 170 D Nautic	4.4 kW	Yanmar L70		1,636.00
LW 225 E V3, LW 200 E Nautic	5.5 kW	400 Volt	50 Hz	677.60
LW 230 E, LW 230 ES	5.5 kW	400 Volt	50 Hz	772.80
LW 300 E, LW 300 ES, LW 280 E, LW 280 ES	7.5 kW	400 Volt	50 Hz	772.80
LW 450 E, LW 450 ES	11.0 kW	400 Volt	50 Hz	926.80
LW 450 D	10.5 kW	Hatz 1D81C		5,950.00
LW 450 D Basic	10.5 kW	Hatz 1D81Z		3,950.00
LW 570 E, LW 570 ES	15.0 kW	400 Volt	50 Hz	enquire
LW 570 D	12.9 kW	Yanmar 3TNE68		6,950.00
LW 720 E	18.5 kW	400 Volt	50 Hz	enquire
LW 1300 E	30 kW	400 Volt	50 Hz.	enquire

AIR PURIFICATION STATIONS

Description (supplied without filters. see page 17)

Export price in Euro €

High pressure filter for stationary air purification Consists of 1.7 lit. capacity filter housing for approx.900 m ³ pure breathing air. P _{max} : 350 bar, with bleed valve, pressure holding and non-return valve. Mounted on a wall console. with TÜV certification.	1397.20
As above. c/w double filters for approx. 1,800 m ³ pure breathing air	2198.00
As above. c/w triple filters for approx. 2,700 m ³ pure breathing air	2996.00
High pressure filter for stationary air purification Consists of 2.3 lit. capacity filter housing for approx.1.200 m ³ pure breathing air. P _{max} : 350 bar. with bleed valve. pressure holding and non-return valve. Mounted on a wall console. with TÜV certification.	1590.40
As above. c/w double filters for approx. 2,400 m ³ pure breathing air	2391.20
As above. c/w triple filters for approx. 3,600 m ³ pure breathing air	3189.20

STORAGE CYLINDERS AND ACCESSORIES

Order Code	Description	Export price in Euro €
	Wall Console for 1 x 50 litre storage cylinder	285.60
	Wall Console for 2 x 50 litre storage cylinders	557.20
	Wall Console for 3 x 50 litre storage cylinders	630.00
	Wall Console for 4 x 50 litre storage cylinders	712.60
	Frame for 6 x 50 litre storage cylinders	735.00
	Storage tank connecting set to connect 2 storage tanks. Consists of: 2 T-pieces. 2 O rings. 2 hex tank connections. piping with nuts and sealing rings. Centre to centre distance 255 mm	72.80
	Storage tank connecting set to connect each additional tank. Consists of: 1 T-piece. 1 O ring. 1 hex tank connection. piping with nut and seal	40.60
	Connecting Pipe with nuts & sealing rings. tank - tank	16.10
	Steel air cylinder, new 50 litre, 300/450 bar, w/o valve and cap	494.20
	Steel air cylinder, new 50 litre, 360 bar, double neck, 2 x G3/4" threads	1351.00
	Steel oxygen cylinder, new 50 ltr, 200/300 bar, w/o valve and cap	471.80
	Steel oxygen cylinder, new 50 ltr, 300/450 bar, w/o valve and cap	494.20
000685	Adapter, brass, G5/8" male thread for 200 bar valves. O Ring sealed with G1/4" female thread connection for ermeto connections	22.40
000686	Adapter, brass, G5/8" male thread for 300 bar valves. O Ring sealed with G1/4" female thread connection for ermeto connections	23.80
	Oxygen Cylinder connection G3/4" to 6mm nut and sealing ring for connecting oxygen storage cylinders into 6mm stainless steel piping	68.60

STORAGE CYLINDER VALVES AND CAPS

Order Code	Description	Export price in Euro €
000690	Valve (Brass), air, large tapered thread - 200 bar G5/8"	32.90
000689	Valve (Brass), air, large tapered thread - 300 bar G5/8"	44.10
000687	Valve, chromed brass, large tapered thread with rubber hand wheel and filter - 300 bar G5/8"	51.10
	Oxygen valve, G3/4" connection, cylindrical pivot	48.16
	Cap 200 bar	11.06
	Cap 300 bar	13.86

BA & SCUBA FILLING VALVES AND SPARES

Order Code	Cross design filling valves	Export price in Euro €
002023	Cross design filling valve with air vent screw, DIN tank connection. 200 bar. with G1/4" pressure gauge connection, w/o pressure gauge. Hose fitting M16x1.5mm thread. Also available with G1/4" female thread	119.00
002292	As above complete with 0 - 400 bar pressure gauge	152.60
002024	Cross design filling valve with air vent screw, DIN tank connection. 300 bar. with G1/4" pressure gauge connection, w/o pressure gauge. Hose fitting M16x1.5mm thread. Also available with G1/4" female thread	119.00
002293	As above complete with 0 - 400 bar pressure gauge	152.60
002022	Cross design filling valve with air vent screw, INT/Yoke tank connection. 200/232 bar. with G1/4" pressure gauge connection, w/o pressure gauge. Hose fitting M16x1.5mm thread. Also available with G1/4" female thread	119.00
002291	As above complete with 0 - 400 bar pressure gauge	152.60
002294	Repair kit for cross design filling valves	43.40

Order Code	Self venting, lever filling valves	Export price in Euro €
001382	Lever filling valve. self venting. Brass block valve for mounting inside filling panels with 90° front corner. Inlet with sinter filter. Venting is inside filling panel, silencer can be fitted (see below) G1/4" inlet & outlet, G1/8" vent. Black rubber gaiter. Pmax 350 bar	173.60
001383	Lever filling valve. self venting. Brass block valve for mounting inside filling panels with 90° front corner. Inlet with sinter filter. Venting is inside filling panel, silencer can be fitted (see below) G1/4" inlet & outlet, G1/8" vent. Red rubber gaiter. Pmax 350 bar	173.60
000580	Silencer for brass block lever filling valves	11.06
000708	Lever filling valve. self venting. Chromed brass valve for mounting in panel/frames or LW 280 ES. Inlet with sinter filter. Venting with silencer G1/4" inlet, M16 x 1.5 male outlet for L&W filling hose connection. Black rubber gaiter. Pmax 350 bar	173.60
000707	Lever filling valve. self venting. Chromed brass valve for mounting in panel/frames or LW 280 ES. Inlet with sinter filter. Venting with silencer G1/4" inlet, M16 x 1.5 male outlet for L&W filling hose connection. Red rubber gaiter. Pmax 350 bar	173.60
000575	Special tool for repairing lever filling valves	36.40
000577	Small repair kit for lever filling valves (includes all seals)	28.70
000576	Complete valve insert for lever filling valves (for easy replacement)	88.20
001827	Lever filling valves. Self venting stainless steel valves for vertical mounting on a console or compressor housing inlet G1/4" outlet M16 x 1,5mm. Pmax 350 bar	222.60
001826	U Clamp with washers and nuts for stainless steel valve	13.86

Order Code	Hand wheel valves	Export price in Euro €
001476	Self venting hand wheel valves for mounting in filling panels. Inlet and outlet G1/4" female thread	147.00

001477	Hand wheel valves for mounting in cascade panels non-venting. Inlet and outlet G¼" female thread	147.00
000236	Silencer for self venting hand wheel valves	11.06
000574	Hand wheel valves, upper valve assembly for self venting hand wheel valves, seat and ball bearing	72.80
000573	Hand wheel valves, upper valve assembly for non-venting hand wheel valves, seat and ball bearing	72.80
000572	Valve seat for hand wheel valves, for self venting valves	17.50
000571	Valve seat for hand wheel valves, for non venting valves	15.68

BA & SCUBA CONNECTIONS AND FILLING ADAPTERS

Order Code	200/232 bar filling connections	Export price in Euro €
002297	200 bar DIN Filling Connector with hand wheel. G1/4" male thread	41.30
002299	200 bar DIN Tank Connection with hand wheel. M16x1.5mm male thread for attachment to filling hose with 60° sealing cone or lever filling valves (post 2005)	41.30
002301	200 bar DIN Filling Connector with hand wheel. M16 x 1,5mm male thread for cross design filling valves	
002303	200 bar DIN Tank Connection „Anti Whip“ with hand wheel. M16x1.5mm male thread for attachment to filling hose with 60° sealing cone	63.00
000701	200 bar DIN Tank Connection „Anti Whip“ without hand wheel. M16x1.5mm male thread for attachment to filling hose with 60° sealing cone	45.92
002306	200 bar INT Connection. Yoke design M16x1.5mm male thread for attachment to filling hose with 60° sealing cone	41.30
002307	200 bar INT Connection. Yoke design M16x1.5mm male thread for cross design filling valves	41.30
000213	DIN Hand Wheel G5/8" for tank connection 200/232 bar Black	17.50
001237	O-Ring for DIN Filling Connection	1.12

Order Code	300 bar filling connections	Export price in Euro €
002298	300 bar DIN Filling Connector with hand wheel. G1/4" male thread	44.80
002300	300 bar DIN Tank Connection with hand wheel. M16x1.5mm male thread for attachment to filling hose with 60° sealing cone	44.80
002302	300 bar DIN Filling Connector with hand wheel. M16 x 1,5mm male thread for cross design filling valves	44.80
000700	300 bar DIN swivel connection inlet G1/4"	
002305	300 bar DIN Filling Connector with hand wheel with 8 x 2,5mm pipe for connection with nut and cutting olive	44.80
002304	300 bar DIN Tank Connection „Anti Whip“ with hand wheel. M16x1.5mm male thread for attachment to filling hose with 60° sealing cone	63.00

000702	300 bar DIN Tank Connection „Anti Whip“ without hand wheel. M16x1.5mm male thread for attachment to filling hose with 60° sealing cone	45.92
000215	DIN Hand Wheel G5/8“ for tank connection 300 bar Red	18.90
001237	O-Ring for DIN Filling Connection	1.12

FILLING CONNECTION ADAPTERS

Order Code	Description	Export price in Euro €
000214	DIN – INT/YOKE Adapter chrome plated. sturdy construction, max 232 bar	33.60
002295	DIN – INT/YOKE Adapter for Safety Non-Whip DIN Fittings (up to 2004) with insert max. 232 bar	50.40
002296	DIN – INT/YOKE Adapter for Safety Non-Whip DIN Fittings (from 2005) with insert max. 232 bar	44.80
000684	Adapter 200 bar G5/8“ female. – G ¼” Ermeto female thread, stainless steel	44.80
000683	Adapter 300 bar G5/8“ female. – G ¼” Ermeto female thread, stainless steel	49.00

HIGH PRESSURE STAINLESS STEEL PIPING

Order Code	Description	Export price in Euro €
002229	Ø 6 mm. price per metre	10.50
002171	Ø 8 mm. price per metre	11.90
002308	Ø 10 mm. price per metre	13.30

HIGH PRESSURE HOSES

Order Code	Description	Export price in Euro €
001435	HP Hose for air, 1000mm (Standard) 2 x M16 x 1.5mm, Stainless Steel Fittings	76.86
	HP Hose for air, surcharge for each additional 100 mm length	4.55
001389	O₂ Hose with G¼“ connecting nut and sealing cone. Length: 800mm	278.60
	Surcharge for each additional 100 mm length	22.40

PRESSURE REDUCERS

Order Code	Description	Export price in Euro €
001428	Pressure reducer for air adjustable via screw/locking nut, inlet max. 420	455.00

	bar outlet min. 100 bar. Flow max. 1,000 litre/min @ 300 > 200 bar 1 x inlet ¼", 1 x outlet ¼"	
001427	Repair kit for pressure reducer 001428	124.60
000566	Pressure reducer for air adjustable with hand wheel, inlet max. 420 bar outlet min. 100 bar. Flow max. 1,000 litre/min @ 300 > 200 bar 2 x inlet ¼", 2 x outlet ¼"	553.00
000565	Repair kit for pressure reducer 000566	144.20
000631	Pressure reducer 10 > 0 bar with pressure gauge G1"	507.50
000676	Pressure reducer air, 0 - 200 bar inlet, 0 - 20 bar outlet	273.00
000677	Pressure reducer air, 0 - 300 bar inlet, 0 - 20 bar outlet	292.60
000679	Pressure reducer for O ₂ , < 200 bar inlet / < 20 bar outlet	466.20
002173	Pressure reducing station "high flow" 300 > 200 bars (CE safety valve)	1225.00

FINAL PRESSURE SAFETY VALVES

Order Code	Description	Export price in Euro €
001814	Safety valve 225 bar, max. flow 1100 l/min, CE approved	436.80
001815	Safety valve 250 bar, max. flow 1100 l/min, CE approved	436.80
001816	Safety valve 330 bar, max. flow 1100 l/min, CE approved	436.80
001817	Safety valve 350 bar, max. flow 1100 l/min, CE approved	436.80
000553	Safety valve 225 bar, max. flow 1100 l/min, CE approved with TÜV cert.	474.60
000354	Safety valve 250 bar, max. flow 1100 l/min, CE approved with TÜV cert.	474.60
000355	Safety valve 300 bar, max. flow 1100 l/min, CE approved with TÜV cert.	474.60
000356	Safety valve 330 bar, max. flow 1100 l/min, CE approved with TÜV cert.	474.60
000357	Safety valve 350 bar, max. flow 1100 l/min, CE approved with TÜV cert.	474.60
000233	Mounting for above safety valve with 2 x G¼" female thread (180° opposite) for Ermeto – connections	32.20
000234	Mounting for above safety valve with 2 x G¼" female thread (1 x below 1 side) for Ermeto – connections	32.20
000558	Safety valve 225 bar, max. flow 1000 l/min, without CE, G3/8" thread	287.00
000559	Safety valve 250 bar, max. flow 1000 l/min, without CE, G3/8" thread	287.00
000560	Safety valve 330 bar, max. flow 1000 l/min, without CE, G3/8" thread	287.00
000561	Safety valve 350 bar, max. flow 1000 l/min, without CE, G3/8" thread	287.00
000231	Mounting G3/8" female thread for above safety valves (without TÜV) with 1 x G3/8" and 2 x G¼" female thread for Ermeto – connections	27.86
We manufacture and carry a large stock of safety valve for other pressures, please enquire		

We have a wide range of accessories for compressors and breathing air installations. above and beyond those listed in this price list. Please ask if you have special requirements.

We also have a stock of second hand, reconditioned compressors from various manufacturers. We also take your used compressor in part exchange. please ask for a quote.

We reserve the right to change the technical specifications in an effort to improve our products.

SEMINARS AND TRAINING COURSES

We offer you the possibility to attend a 1 day compressor seminar in Lorsch. The seminar includes, introduction to compressors, care & maintenance, fault diagnosis, legal considerations, testing air quality, gas blending and Nitrox mixing.

Food & Drinks are included. The seminar is for small groups from 8 – 12 participants. The seminars take place on Saturdays and start at 09:00 hrs. Seminar fee is € 120,00 per person plus 16% VAT

We would be happy to welcome you here in Lorsch

