




▶ Mobile compressors with electric motor drive

	Typ	Capacity	Prime mover
	▶ LW 100 E1	100 litre/min	Single phase power
	▶ LW 160 E	160 litre/min	3 phase power
	▶ LW 225 E	225 litre/min	3 phase power

# LW100E1

نمای از روبرو کمپرسور تنفسی مدل : LW100E1



## *نمای پشت کمپرسور تنفسی مدل: LW100E1*



The compressor is ready to plug in and comes with a cable, plug and start/stop switch. Ideal for small applications or sporadic filling operations.

### **Specifications**

- Fully wired, ready to start with cable and CE Plug, start/stop switch
- 1 Filling hose with filling valve and pressure gauge
- 200/232 bar version with DIN/Yoke connection, 300 bar version with DIN connection
- Stainless steel frame with carrying handles
- Fan belt guard and block cowling for improved cooling air flow
- 2 oil/water separators, safety valve for each stage
- Inter-stage and final stage air coolers
- Pressure maintaining and non return valve for extended filter duration
- Breathing air purification in accordance with EN 12021

## Options

- Additional filling hose
- 200/300 bar switch over device
- Automatic stop and hours counter
- Special voltages/frequencies: 230V 60Hz
- Conversion set petrol/electric drive

## Technical Data

LW 100 E1	
Type:	Air cooled, reciprocating piston compressor
Capacity [litre/min]:	100
Capacity [Nm <sup>3</sup> /h]:	6
Capacity [cfm]:	3.5
Max. Pressure [bar]:	330 (set at the final stage safety valve)
RPM:	2300
No of stages / No of cylinders::	3 / 3
Bore 1st stage [mm]:	60
Bore 2nd stage [mm]:	30
Bore 3rd stage [mm]:	12
Stroke [mm]:	24
Prime mover type:	Single phase E-Motor 230V 50Hz
Drive power [kW]:	2.2
Drive power [HP]:	3.0
Cooling air requirement [Nm <sup>3</sup> /h]:	660
Lubrication type:	Splash
Oil capacity [litre]:	0.5
Air outlet temperature [°C]:	6°C above ambient
Filter capacity [m <sup>3</sup> at +20°C]:	108
Dimensions L x W x H [cm]:	65 x 39 x 40
Weight [kg]:	46
Noise level:	82 (dB measured at 1 m distance)

# LW160E



Portable compressors without compromising power and capacity. The L&W compressors are compact and extremely easy to operate, the units have established themselves over the years as reliable compressors. The compressors are ready to run and come with a cable, plug and phase selector switch for easy direction of rotation control. Ideal for small applications or sporadic filling operations.

## Specifications

- Fully wired, ready to start with cable, plug and phase selector
- 1 Filling hose with filling valve and pressure gauge
- Steel frame with carrying handles
- GRP fan belt guard
- 2 oil/water separators, safety valve for each stage
- Stainless steel cooling pipes and inter-coolers
- Pressure maintaining valve for extended filter duration
- Breathing air purification in accordance with EN 12021

## Options

- Additional filling hose
- Automatic Stop at final pressure
- Automatic condensation drain
- 200/300 bar switch over device
- Hours counter
- Special voltages/frequencies: 440 V 60 Hz / 230V 50Hz / 230V 60Hz
- Conversion set petrol/electric drive

## Technical Data

LW 160 E	
Type:	Air cooled, reciprocating piston compressor
Capacity [litre/min]:	160
Capacity [Nm <sup>3</sup> /h]:	9.6
Capacity [cfm]:	5.6
Max. Pressure [bar]:	330 (set at the final stage safety valve)
RPM:	1450
No of stages / No of cylinders::	3 / 3
Bore 1st stage [mm]:	72
Bore 2nd stage [mm]:	28
Bore 3rd stage [mm]:	13
Stroke [mm]:	39
Prime mover type:	3 Phase E-motor 400V / 50Hz
Drive power [kW]:	4.0
Drive power [HP]:	5.5
Cooling air requirement [Nm <sup>3</sup> /h]:	1200
Lubrication type:	Plunger/Splash
Oil capacity [litre]:	0.8
Air outlet temperature [°C]:	8 - 10 °C above ambient
Filter capacity [m <sup>3</sup> at +20°C]:	180
Dimensions L x W x H [cm]:	78 x 42 x 56
Weight [kg]:	94
Noise level:	84 (dB measured at 1 m distance)

# LW225E



A portable compressor without compromising power and capacity. The 225 E is small and light enough for mobility, yet powerful enough for stationary applications. The compressors are ready to run and come with a cable, plug and phase selector switch for easy direction of rotation control.

## Specifications

- Fully wired, ready to start with cable, plug and phase selector
- 1 Filling hose with filling valve and pressure gauge
- Steel frame with carrying handles
- GRP fan belt guard
- 2 oil/water separators, safety valve for each stage
- Stainless steel cooling pipes and inter-coolers
- Pressure maintaining valve for extended filter duration
- Breathing air purification in accordance with EN 12021

## Options

- Additional filling hose
- 200/300 bar switch over device
- Automatic Stop at final pressure
- Automatic condensation drain
- Hours counter
- Special voltages/frequencies: 440 V 60 Hz / 230V 50Hz / 230V 60Hz

- Conversion set petrol/electric drive

#### Technical Data

LW 225 E	
Type:	Air cooled, reciprocating piston compressor
Capacity [litre/min]:	225
Capacity [Nm <sup>3</sup> /h]:	13.5
Capacity [cfm]:	7.9
Max. Pressure [bar]:	330 (set at the final stage safety valve)
RPM:	1850
No of stages / No of cylinders::	3 / 3
Bore 1st stage [mm]:	76
Bore 2nd stage [mm]:	28
Bore 3rd stage [mm]:	13
Stroke [mm]:	39
Prime mover type:	3 Phase E-motor 400V / 50Hz
Drive power [kW]:	5.0
Drive power [HP]:	7.5
Cooling air requirement [Nm <sup>3</sup> /h]:	1650
Lubrication type:	Plunger/Splash
Oil capacity [litre]:	0.8
Air outlet temperature [°C]:	8 - 10 °C above ambient
Filter capacity [m <sup>3</sup> at +20°C]:	200
Dimensions L x W x H [cm]:	78 x 45 x 56
Weight [kg]:	92
Noise level:	87 (dB measured at 1 m distance)

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