

# INDUSVAC

Indusvac Evisa does meet all requirements to supply stable and continuous vacuum to process production. Many standard models cover numerous customer requests; customised versions are also available : vertical frame, modular configuration or multiplex systems.



**Automatic plant with lubricated rotary vane vacuum pumps filled with 100% synthetic MV99S oil for long life and high efficiency**



**250l or 500l tanks acting as buffer volumes  
All tanks are manufactured in our boiler factory**

# Automatic vacuum plants for industrial applications

**Basic controller for system with one pump with a 2 threshold mechanical vacuum switch**



**Electrical control box with MILLENIUM PLC**  
**1 analog vacuum sensor allowing high precision for the regulated vacuum hysteresis**

**Intuitive interface**  
**7" colour touch screen**  
**RJ 45 and USB ports for data logging**  
**Display of vacuum value in large characters**



**Flexo option : electric solenoid valve used when the vacuum consumption is periodic**

# INDUSVAC 1 EVISA

## Lubricated technology

Vacuum plants delivered ready for use and easy to install.  
Well-suited for working under harsh conditions whether inside or outside production area.

The system consists of :

- An Evisa lubricated rotary vacuum pump with gas ballast
- An electrical board with 3 regulations : direct starter with a mechanical vacuum switch or control box including an analogue sensor with a 4 line-display Millenium or with a touch-screen Millenium
- A 250 or 500 litres tank with a vacuum gauge



## Principle

This station can be used as an autonomous vacuum source for a single source or in centralization  
The pump, driven by the controller, sustains a set vacuum in the line  
The buffer volume is sized in accordance with the pump suction capacity. It allows an immediate reaction to consumption changes  
The flexo system option limits the effects of frequent starts and stops in case of short demand peaks.

## Options

- Inlet filter with paper, polyester or active carbon cartridge protecting the plant against particles
- Electric valve minimizing the number of starts and stops when vacuum consumption is intermittent
- Additional mechanical vacuum switch baking up the Millenium card
- Oil level and temperature sensors monitoring the Evisa pump condition
- Wheel set for mobile version

## Characteristics

	Nominal flow rate m <sup>3</sup> .h <sup>-1</sup>		Power kW		vacuum level	Tank capacity l	Noise level dB(A)	Weight kg
	50 Hz	60 Hz	50 Hz	60 Hz				
Indusvac 1 E25	30	35,3	0,75	0,90	5 mbar	250	59	75
Indusvac 1 E40	47,7	57,2	1,1	1,3	5 mbar	250	58	80
Indusvac 1 E65	68	81,6	1,5	1,8	5 mbar	500	67	125
Indusvac 1 E100	100	120	2,2	2,64	5 mbar	500	67	135
Indusvac 1 E200	200	240	4	4,8	5 mbar	500	71	205
Indusvac 1 E300	300	360	5,5	6,6	5 mbar	500	72	235

\* Accuracy of +/- 5mbar at 20°C.

## PLC functions

	LG7	MIL	MIL + EC
Access levels	○	○	■
Events log	○	○	■
Hourcounter	■	■	■
Alarm log	○	○	■
Dry contact for alarm synthesis	■	■	■
Maintenance management	○	○	■
Ethernet port	○	○	■
USB port	○	○	■

■ Standard equipment      ○ Not available

Specifications are subject to be changed without notice.

## Power supply

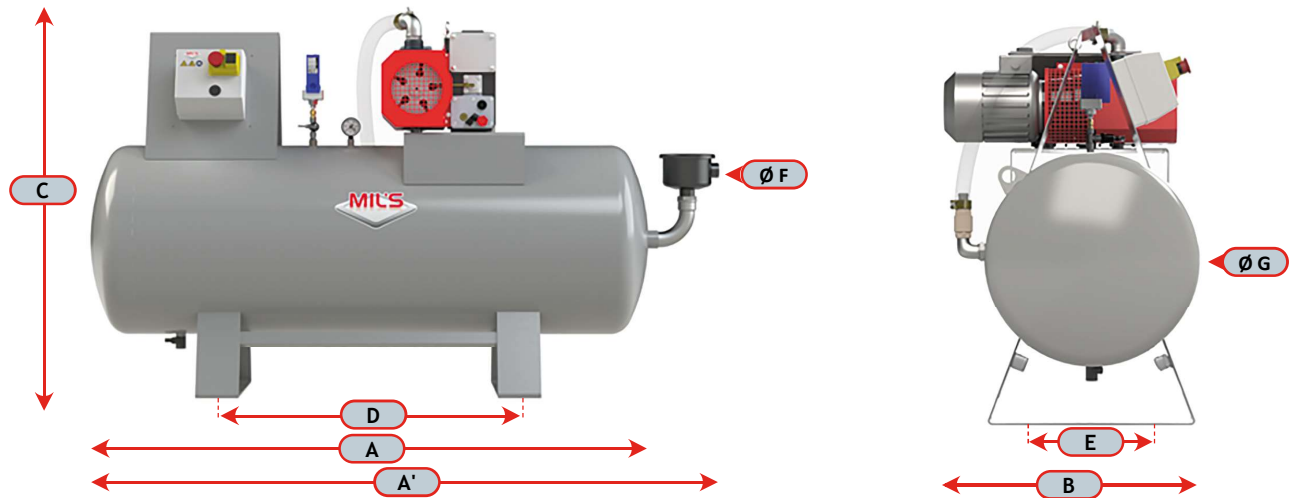
- 3-ph, 400V + N + E / 50Hz
- Other tensions and frequencies on request



Touch screen view

# Automatic vacuum plants for industrial applications

## Dimensions (mm)



	A	A'	B	C	D	E	Ø F	Ø G
<b>Indusvac 1 E25</b>	1510	1680	600	1010	770	300	3/4"	500
<b>Indusvac 1 E40</b>	1510	1680	600	1010	770	300	1"	500
<b>Indusvac 1 E65</b>	1800	1990	730	1170	1070	400	1"1/4"	600
<b>Indusvac 1 E100</b>	1800	1990	730	1170	1070	400	1"1/4"	600
<b>Indusvac 1 E200</b>	1800	2000	750	1300	1070	400	2"	600
<b>Indusvac 1 E300</b>	1800	2000	750	1300	1070	400	2"	600

## Plant references

	E25	E40	E65	E100	E200	E300
<b>Indusvac 1 Evisa</b>	924834	924835	924873	924874	924875	924876
<b>LG7</b>	710422	710423	710424		710426	
<b>MILLENNIUM Alert</b>	725200			724831		
<b>MILLENNIUM + touch screen</b>	725201			724832		

Configuration example: For an Indusvac 1 with an E100 pump and a Millenium Alert, choose 924874 + 724831

## Accessories and options references

	E25	E40	E65	E100	E200	E300
<b>Electrical flexo valve</b>	625901		625388		625389	
<b>Paper suction filter</b>	709505	715412	709507		709513	
<b>Polyester suction filter</b>	709506	715413	709508		709514	
<b>Carbon suction filter</b>	710520	715414	710521		710522	
<b>Network suction hose</b>	Ø 30x 1200	712927		Ø 45 x 1500		712929
<b>Oil level sensor</b>	616111		625369		624245	
<b>Temperature sensor</b>	625384				625385	
<b>Back-up vacuum switch</b> 1 per plant	625383					
<b>Wheels kit</b>	625382					

# INDUSVAC 2 EVISA

## Lubricated technology

Vacuum plants delivered ready for use and easy to install.  
Well-suited for working under harsh conditions whether inside or outside production area.



The system consists of :

- Two Evisa lubricated rotary vacuum pumps with gas ballast
- A MILLENIUM electrical panel including an analog sensor. Two interfaces are available : either a 4 line-display or a touch-screen panel
- A 250 or 500 litres tank with a vacuum gauge

## Principle

This station is mainly can be used as an autonomous vacuum source in centralization

The pumps, driven by the controller, sustain a set vacuum in the line. Depending on the application specifications, both pumps can run concurrently or consecutively. The controller automatically balances the number of hours per pump.

The buffer volume is sized in accordance with the pump suction capacity. It allows an immediate reaction to the consumption changes

The flexo system option limits the effects of frequent starts and stops in case of short demand peaks

## Options

- Inlet filter with paper, polyester or active carbon cartridge protecting the plant against particles
- Electrical valve minimizing the number of start and stops when vacuum consumption is intermittent
- Additional mechanical vacuum switch baking up the Millenium card
- Oil level and temperature sensors monitoring the Evisa pump condition
- Wheel set for mobile version

## Characteristics

	Nominal flow rate m <sup>3</sup> .h <sup>-1</sup>		Power kW		vacuum level	Tank capacity l	Noise level dB(A)	Weight kg
	50 Hz	60 Hz	50 Hz	60 Hz				
Indusvac 2 E25	2 x 30	2 x 35,3	2 x 0,75	2 x 0,90	5 mbar	500	59	105
Indusvac 2 E40	2 x 47,7	2 x 57,2	2 x 1,1	2 x 1,3	5 mbar	500	58	115
Indusvac 2 E65	2 x 68	2 x 81,6	2 x 1,5	2 x 1,8	5 mbar	500	67	190
Indusvac 2 E100	2 x 100	2 x 120	2 x 2,2	2 x 2,64	5 mbar	500	67	205
Indusvac 2 E200	2 x 200	2 x 240	2 x 4	2 x 4,8	5 mbar	750	71	350
Indusvac 2 E300	2 x 300	2 x 360	2 x 5,5	2 x 6,6	5 mbar	750	72	410

\* Accuracy of +/- 5mbar at 20°C.

## PLC functions

	MIL	MIL + EC
Access levels	○	■
Events log	○	■
Hourcounter	■	■
Alarm log	○	■
Dry contact for alarm synthesis	■	■
Maintenance management	○	■
Ethernet port	○	■
USB port	○	■

■ Standard equipment      ○ Not available

## Power supply

- 3-ph, 400V + N + E / 50Hz
- Other tensions and frequencies on request

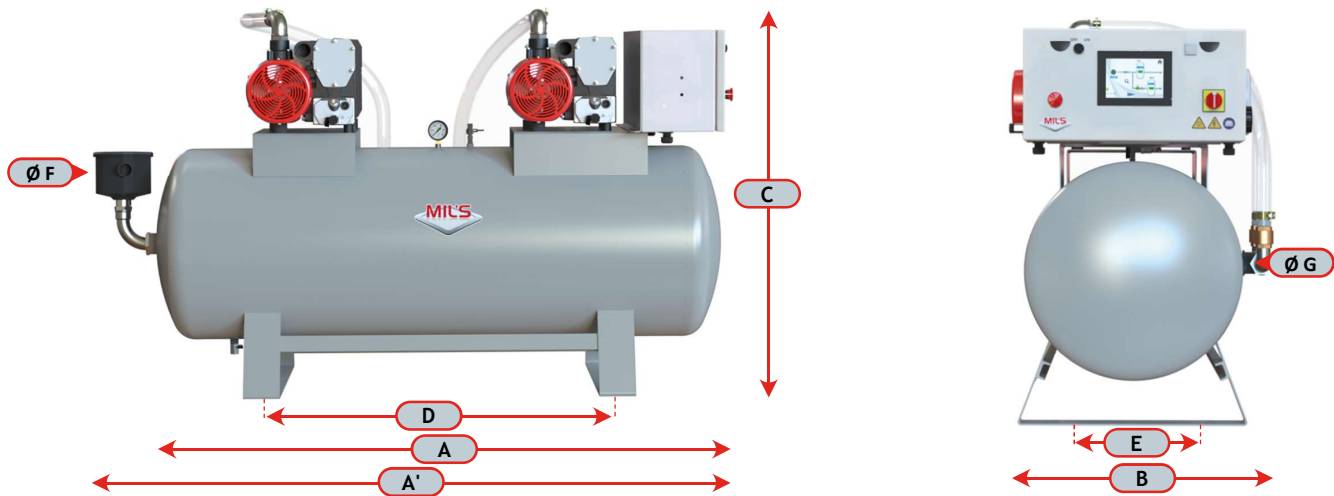


Touch screen view

Specifications are subject to be changed without notice.

# Automatic vacuum plants for industrial applications

## Dimensions (mm)



	A	A'	B	C	D	E	E	Ø F	Ø G
<b>Indusvac 2 E25</b>	1820	2040	740	1100	1070	400	400	1"1/4	600
<b>Indusvac 2 E40</b>	1820	2040	740	1100	1070	400	400	1"1/4	600
<b>Indusvac 2 E65</b>	1815	1990	790	1150	1070	400	400	2"	600
<b>Indusvac 2 E100</b>	1815	1990	790	1150	1070	400	400	2"	600
<b>Indusvac 2 E200</b>	2320	2620	1060	1370	1390	400	400	2"1/2	650
<b>Indusvac 2 E300</b>	2320	2620	1060	1370	1390	400	400	2"1/2	650

## Plant references

	E25	E40	E65	E100	E200	E300
<b>Indusvac 2 Evisa</b>	924877	924878	924879	924880	924881	924882
<b>MILLENIUM Alert</b>	724834			724837		
<b>MILLENIUM + touch screen</b>	724835			724838		

Configuration example: For an Indusvac 2 with an E100 pump and a Millenium Alert, choose 924880 + 724837

## Accessories and options references

	E25	E40	E65	E100	E200	E300
<b>Electrical flexo valve</b>	625387		625406		625407	
<b>Paper suction filter</b>	712977		709513		770623	
<b>Polyester suction filter</b>	912978		709514		770624	
<b>Carbon suction filter</b>	712979		712980		770625	
<b>Network suction hose</b>	Ø 45 x 1500		712929		Ø 80x 1200	617833
<b>Oil level sensor</b> 1 per pump	2 x 616111		2 x 625369		2 x 624245	
<b>Temperature sensor</b> 1 per pump	2 x 625384				2 x 625385	
<b>Back-up vacuum switch</b> 1 per plant	625414					
<b>Wheels kit</b>	625382					