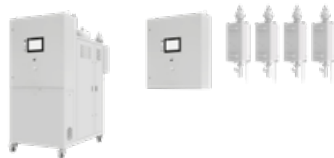


FX VAC

Model 4



FONDAREX®

GENERATION		2025.04
Mobile configuration		Yes
Cell configuration		Yes
Central configuration		Yes
Vacuum channels / CCABs		1 to 4
Controls chill blocks		Yes
Controls mechanical valves		Yes
Controls hydraulic valves (With position sensor or with transducer sensor)		Yes
Tank capacity		900 l (Mobile configuration) 1000 l (Cell configuration) 2000 l (Cell configuration) 3000 l (Cell configuration)
Vacuum pump performance		100 m³/h (Tank 900 l) 160 m³/h (Tank 1000 l / 2000 l) 200 m³/h (Tank 2000 l / 3000 l) 300 m³/h (Tank 3000 l)
HMI		Mobile: Integrated HMI (Standard) Cell: Remote HMI (Standard)
Fan for main cabinet (MCAB)		Max. 42 °C
MONITORING (HMI-DISPLAY)		
Language (Standard)		EN (US) / EN (UK) / DE / FR / IT / SP / PT / SE / CZ / SK / PL / RO / HU / SL / HR / GR / TR / CN / KR / JP
Process overview display		Yes
Vacuum in the tank		Yes
Vacuum at die side		Per CCAB
Pollution control (Filter)		Per CCAB
Profile control (Chill-block)		Per CCAB
Evacuated air volume		Yes
Compressed air pressure		Yes
MONITORING (CURVE OVER TIME)		
Vacuum in the tank		Yes
Vacuum at die side		Per CCAB
Curve modes		Continuous curve Defined start-end time curve Frozen curve at defined time
RECORDED VALUES		
Storage medium		USB-Stick / OPC-UA
Production data		Yes
Vacuum on die side per cycle		Per CCAB
Pollution control per cycle		Per CCAB
Profile control per cycle		Per CCAB
Evacuated air volume per cycle		Yes
Vacuum active setting		Yes
Hydraulic valve closing setting		Yes
FEATURES		
Timer setting mode		Yes
Stroke setting mode		Yes
Automatic / Manual mode		Yes
Tolerance setting (Per CCAB)		Vacuum Pollution control Profile control Evacuated air volume
Vacuum control (regulation) (Per CCAB)		Yes
Vacuum for shot sleeve		Yes
Blowing function		Yes
Leak test		Per CCAB
Fault recording		Yes
Recipe management		Yes
Stand-by mode for energy saving		Yes

KEY COMPONENTS	
CPU	Siemens
HMI	Siemens 10"
Internal field bus technology	I/O-Link
Pump Type	Busch rotary vane vacuum pump
Frame material	Stainless steel
Tank material	Stainless steel
Protection class (MCAB)	IP54
Protection class (CCAB)	IP65
ENVIRONMENTAL CONDITIONS	
Temperature	5 – 42 °C
Relative air humidity	0 – 90 % (Not condensing)
Pressurized air	5 – 7 bar at 3500 l/min
DIMENSIONS [WIDTH X HIGHT X DEPTH] / WEIGHT	
Dimension FX VAC MODEL 4 Mobile 1000	900 x 2338 x 1360 mm
Weight FX VAC MODEL 4 Mobile 1000	620 kg
Dimension CCAB	220 x 894 x 230 mm
Weight CCAB	22 kg
VOLTAGE / CERTIFICATION	
Voltage, max. power consumption (Standard)	3 x 400V ± 10 % / 50hz ± 1 %
Voltage, max. power consumption (Optional)	3 x 480V ± 10 % / 60hz ± 0,5 %
Certification	CE (Standard) / UL (Optional)
CONNECTORS / FITTINGS	
CCAB input vacuum	DN40
CCAB output vacuum	DN25
CCAB M pipe fitting	8L G1/4"
CCAB S pipe fitting	8S G1/4"
CCAB pressurized air	1/2"
OPTIONS	
Profinet interface to DCM	Optional
Profibus interface to DCM	Optional
Anybus	Optional
Advanced communication	Optional
HMI remote panel	Mobile: Optional
Type of HMI Wein View	10" (Optional) 20" (Optional)
Analog curve display on DCM (Trace channel)	Optional
Indicator light tower deported	Optional
Remote assistance (EWON)	Optional
Compressed air regulator	Mobile = Standard / Cell = Optional
Air conditioner	Optional
Extension for power supply	From 25 m
Maintenance set	Optional