

IXH DRY PUMP SYSTEMS

THE INTELLIGENT CHOICE



IXH sets new standards for really harsh process capabilities, reliability, and low cost of ownership. IXH pumps offer greatly increased dust and powder handling capabilities.

A wide pump temperature range allows optimisation to minimise by-product accumulation from condensation and plating reactions. IXH is available as primary pump at $100 \text{ m}^3\text{h}^{-1}$ (the IXH100) or combined with inverter-driven boosters delivering peak speeds of $665 \text{ m}^3\text{h}^{-1}$ (IXH610) or $1025 \text{ m}^3\text{h}^{-1}$ (IXH1210).



Features and Benefits

- Integral controller and safety systems for 'Plug and Pump', flexible operation.
- **Low installation costs**
- Cutting edge reversed claw technology for corrosion-free operation and robust dust and powder handling capabilities.
- **Robust and reliable**

Applications

Drying

- Transformer vapour phase drying.

Coating

- Roll/web coating.
- Hard coating/CVD.
- Surface activation.
- Plasma spray.

Metallurgy

- LPC with acetylene.
- Plasma beam welding.
- MIM/vacuum sintering.
- PIC (investment casting).

Performance Curves

iXH

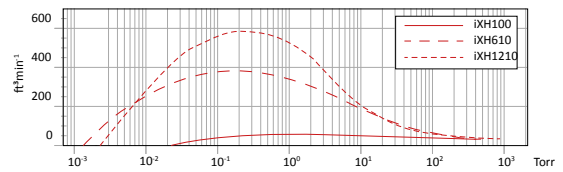
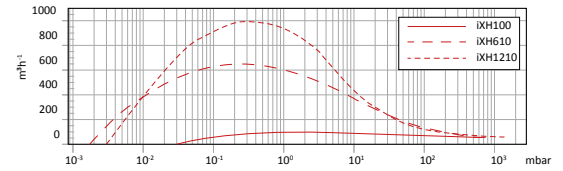
iXH



Ordering information

Product description	Order no:
iXH100 200-230 50/60 Hz	AC0102121000
iXH100 380-460 50/60 Hz	ACA102121000
iXH610 200-230 50-60 Hz	AC1102121100
iXH610 380-460 V 50/60 Hz	ACB102121100
iXH1210 200-230 50/60 Hz	AC3102121200
iXH1210 380-460 50/60 Hz	ACD102121200

iXH Performance Curve



Dimensions

iXH dimensions



Type	L	W	H
iXH100	784	390	526
iXH610	784	390	780
iXH1210	784	390	780

Technical Data

	Units	iXH100	iXH610	iXH1210
Peak pumping speed	m ³ h ⁻¹ /cfm	100/59	665/391	1025/603
Ultimate pressure	mbar/Torr	2.0 x 10 ⁻² /1.5 x 10 ⁻²	5.0 x 10 ⁻³ /3.7 x 10 ⁻³	5.0 x 10 ⁻³ /3.7 x 10 ⁻³
Power @ ultimate ⁽¹⁾	kW	2.1	2.6	3.2
Power @ green mode	kW	0.045	0.045	0.045
Motor Power	kW	4.5	6.4	9
Inlet connection		ISO63	ISO100	ISO100
Outlet connection		NW40	NW40	NW40
Cooling water connection		3/8" quick connect	3/8" quick connect	3/8" quick connect
Nitrogen connection		1/4" compression fitting	1/4" compression fitting	1/4" compression fitting
Water flow ⁽²⁾	lmin ⁻¹	2	3	4
Typical purge flow	slm	28 or 44	22 or 44	22 or 44
Weight	kg	260	355	430
Noise level	dB(A)	63	64	64

(1) Average power at 700 T exhaust pressure

(2) Water consumption varies with pump operating temperature; figures at 110 °C