



iTech NOVATECH

Multi tandem scroll chiller | 2.3 – 629 kW

The reliable foundation of industrial process cooling – the widest capacity range in a single series



The NOVATECH is iTech's most versatile, general-purpose industrial chiller. The models, ranging from 2.3 kW to 629 kW, operate with scroll compressors and arrive fully factory-assembled, pressure-tested and charged with refrigerant. The integrated hydraulic module (pump + buffer tank) enables plug & play installation. The condenser is made with a gold epoxy coating or microchannel aluminium technology for corrosion protection.



Technical specifications

Parameter	Value
Cooling capacity	2,3 – 629 kW
Compressor	Scroll type, multi-stage
Refrigerant	R-410A or R-454B
Condenser	Gold epoxy / microchannel aluminium
Evaporator	Shell-and-tube / stainless steel plate
Fan	Aluminium blades, IP54, asynchronous
Hydronic module	Pump + buffer tank factory-fitted
Control	Step-controlled compressor + fan
Material	Anodised aluminium + powder-coated metal

Key benefits

- Widest model range: 2.3–629 kW in a single series
- Plug & play: hydronic module factory-fitted
- Gold epoxy / microchannel condenser: corrosion protection
- Step control: energy-efficient even at part load
- Factory pressure-tested and charged – immediate commissioning

Typical applications

- Plastic injection moulding
- Blow moulding
- CNC machining
- Food industry
- Chemical industry

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Request a personalised quotation and a cooling demand assessment!