

jetPulse 30L

With the jetPulse, REGLOPLAS offers a versatile, individually applicable and cycle-accurate solution in pressure die-casting temperature control, which can efficiently cool mould areas where conventional temperature control is inadequate.

- Water distribution system for die-casting with 4 channels and 8 cores per channel
- Flow of up to 50 l/min with a max. pressure of 30 bar
- Siemens PLC-controlled control system with a touch screen
- Integrated temperature measurement
- Adjustable air/water cooling time, Leakage monitoring time
- Adjustable blowing out time, waiting times between actions
- Energy-saving pump, only active when cooling is on



Technical specifications

System water temperature	Heat transfer medium	Pump capacity/Type			Connections				
80 °C	Water	CRNE1-15	50 l/min	4.0 kW	G 1/4" (IG)	G 1/4" / BSP 60°	G 1/2"	G 1/2" / BSP 60°	G 3/8"

Technical data

Outlet temperature		
max.	°C	80
Heat transfer medium		Water
Filling quantity	l	30
Cooling channels		4
Heating capacity at 400V	kW	0
Cooling capacity	kW	20
Cooler		1K
at outlet temperature	°C	70
at cooling water temperature	°C	20
Pump capacity/Type		CRNE1-15
Flow rate max.	l/min	50
Power consumption	kW	4.0
Pressure max.	bar	30
Control system		SPS
Operating voltage	V/Hz	380-500 V, 50/60 Hz
Ext. control voltage	V	24 VDC
Connections		
Connection compressed air		G 1/4" (IG)
Outlet TCU compressed air		G 1/4" / BSP 60°
Cooling water		G 1/2"
Inlet/outlet TCU		G 1/2" / BSP 60°
Inlet system water		G 3/8"
Degree of protection		IP54
Dimensions W/H/D	mm	350/966/1314
Weight	kg	150
Color	RAL	9006/7016
Ambient temperature		
max.	°C	40

Standard equipment

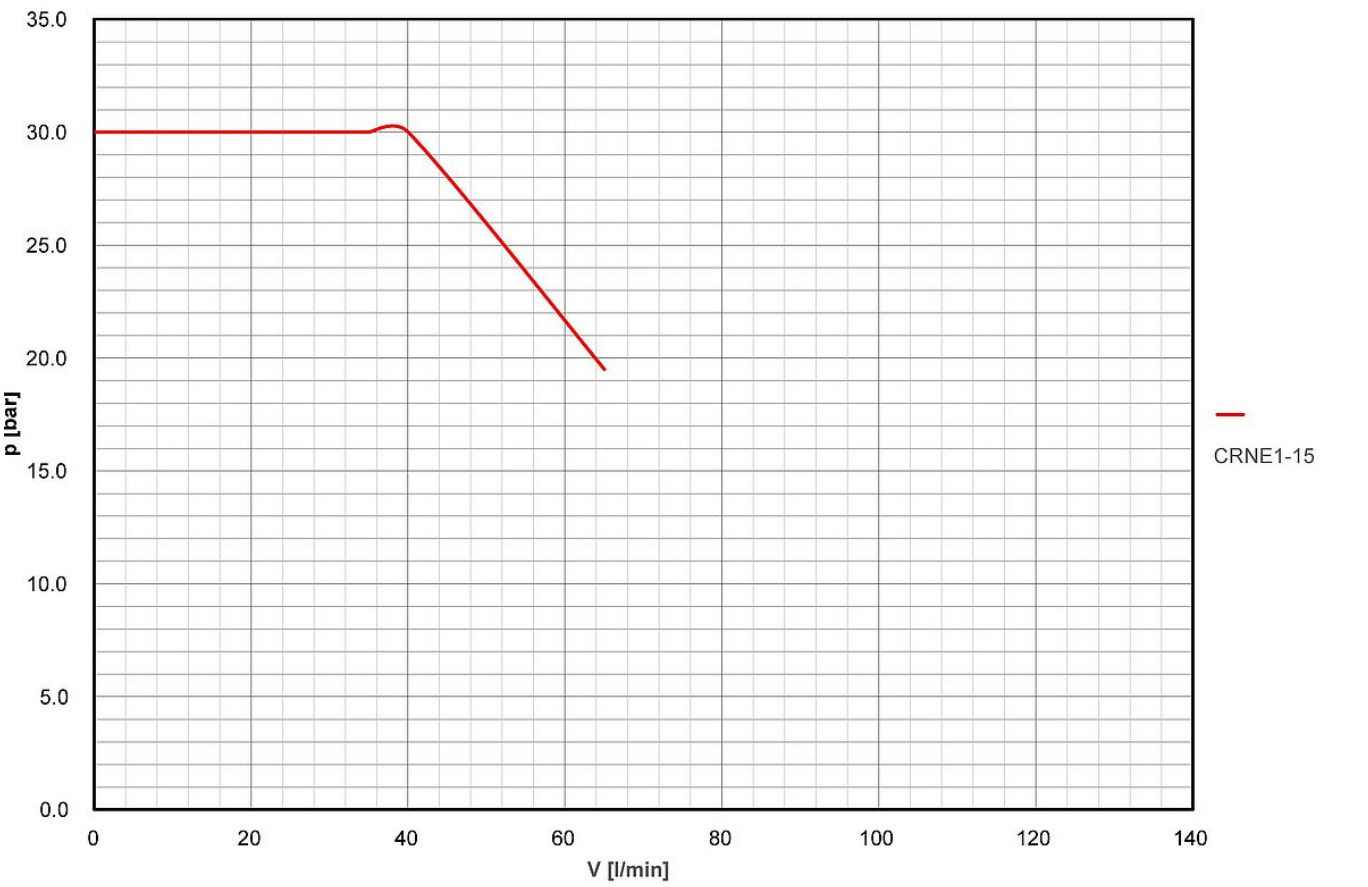
- HAN 7D digital inputs (ext. Start)
- Automatic filling with additional filler neck
- Leakage Control
- Pressure gauge on unit and display
- Siemens S5 PLC with 7" KP700 display
- Blow out
- Cooling with air or water
- Constant pressure control
- Pump with frequency converter

Options

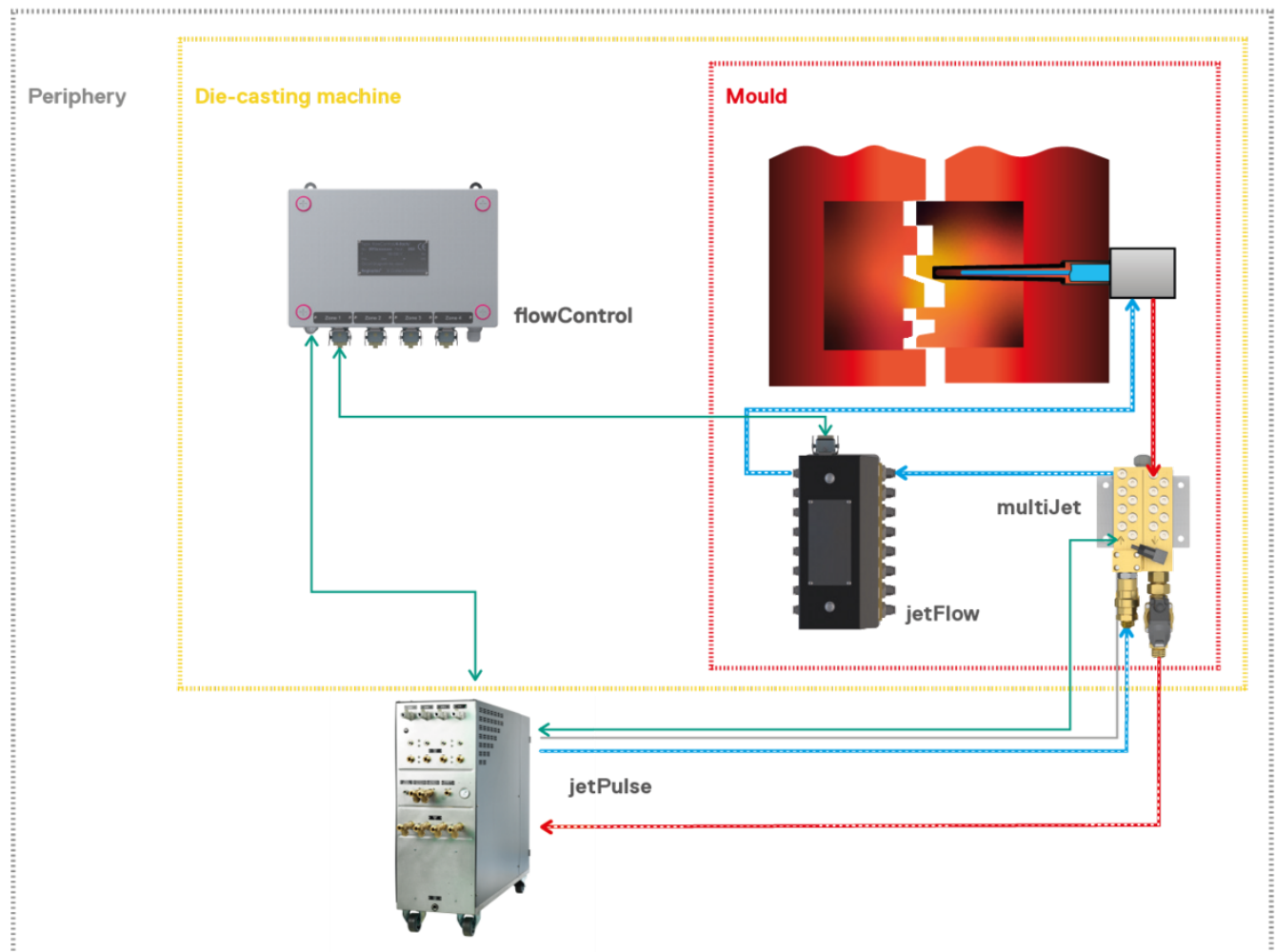
Product images - front/back



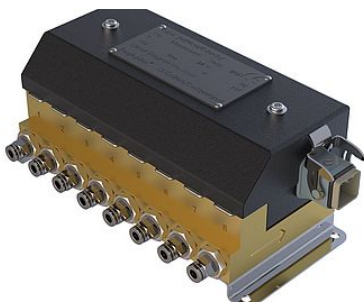
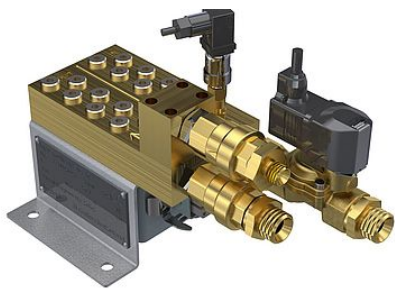
Pump curve



System components



System components - Technical data



Multiple distributor

Typ	multiJet
Heat transfer medium	water/air
Outlet temperature max.	80 °C
Cooling channels	8
Ext. control voltage	24 VDC
Connections	
Outlet compressed air	G 1/4"
Inlet/outlet TCU	G 1/2" / BSP 60°
Inlet/outlet core	G 1/8" IG
Interface to jetPulse	Han 4A
Degree of protection	IP54
Dimensions W/H/D	303/188/149mm
Weight	ca. 4 kg
Ambient temperature max.	60 °C

Flow measurement

Typ	jetFlow
Heat transfer medium	water/air
Outlet temperature max.	95 °C
Cooling channels	8
Ext. control voltage	24 VDC
Flow measurement per channel	0.7 - 30 l/min
Connection inlet/ outlet	plug connection d6 / G 1/4"

Interface flowControl	Han 12Q
Degree of protection	IP54
Dimensions W/H/D	130/230/96mm
Weight	ca. 5 kg
Color	RAL7016
Ambient temperature max.	60 °C

Flow control

Typ	flowControl
Cooling channels	4/6
Control	SPS
Operating voltage	100-230V, 50/60 Hz
Ext. control voltage	24 VDC
Interface to jetFlow	Han 12Q
Interface to jetPulse	Profinet M12
Degree of protection	IP54
Dimensions W/H/D	300/200/130 mm
Weight	ca. 5 kg
Color	RAL7035
Ambient temperature max.	40 °C

Representation Switzerland

Injection Molding, Die Casting, other Applications

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