

FX JET



Cool down hot spots by means of high-performance evaporative cooling to reduce shrinkage porosity and sticking.

Type

Mobile

For die-casting machines

400 – 9000 t clamping force

Number of channels

4C: max. 4 channels,
up to 32 monitored jet pins

8C: max. 8 channels,
up to 64 monitored jet pins

Max. volume flow

4C: 50 l/min

8C: 100 l/min

System pressure

Max. 25 bar, adjustable

Jet pin inner diameter

0.8 – 2.4 mm

User interface

22" touchscreen

- Reproducible cooling performance
- Pulsating operation possible
- Flow measurement for each jet pin
- Displays flow and temperature curves of all jet pins
- Determines the amount of heat dissipated per pin and cycle
- Stores process values in internal memory
- OPC UA interface to external database
- Leak detection
- Error diagnosis display
- Standby mode
- Reliable pressure supply via frequency-controlled pump
- Modular design, from 1 to 8 channels (can be retrofitted)
- With FX PMS, several FX JETS can be used in combination
- With only partial monitoring, each of the jet pin circuits can be divided into up to 3 circuits, so that up to 192 jet pins can be supplied with the 8C system