



Locally feed die-cast parts with a hydraulic unit independent of the die-casting machine to avoid shrinkage porosity.

The FX SQUEEZE can control and operate up to 12 independent squeeze cylinders to locally feed alloy shrinkage during solidification. The ideal complement to FX VAC and FX JET for reducing shrinkage porosity inside the casting.

Type

Mobile

For die-casting machines

800 – 9000 t clamping force

Number of channels

Up to 24 controllable, monitored squeeze cylinders

Max. hydraulic pressure

320 bar

Hydraulic medium

Water-glycol fluid

User interface

Touchscreen

FX SQUEEZE

- Independent of the hydraulic system of the die-casting machine
- Individual control of each squeeze cylinder (start time, force, force increase and pressure holding time until retraction are controllable)
- Adjustable, ramp-shaped force increase for each cylinder
- Real-time display of process parameters
- Displays pressure curves of all channels
- Measures the achieved squeeze stroke
- Visualize process values
- Stores process values in internal memory
- OPC UA interface to external database
- Modular system for max. 6, 12, 18 or 24 squeeze cylinders, upgradable

If you would like to get more information contact us sales@fondarex.com