FONDAREX®

FX
SQUEEZE

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

Type
Mobile

For die-casting machines
800 – 20000 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

- 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