

LSJ Z35

THE BIG BOSS OF INTERNAL LUBRICATION

LSJ Z35

High performance for internal lubrication

The HPM Breeze process is the logical further development of previously known processes for the application of liquids of all kinds in the finest form. Based on previous core applications (volume lubrication / MQL / MMCS), the HPM Breeze process adopts today's technical requirements and completely reinterprets the previously known possibilities for applying fluids. The HPM Breeze process is used to lubricate and cool machining processes with small amounts of coolants. Here, an air / liquid mixture is used, which prevents the formation of frictional heat through optimal lubrication. The remaining heat is dissipated via the tool and the chip.

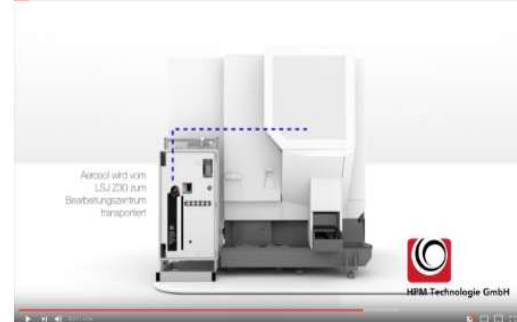
The LSJ Z35 is available in 2 variants. Standard are 10bar. For more demanding applications, the LSJ Z35 is available in the 16 bar version.



APPLICATION

- The HPM Breeze Air Spray Injector LSJ Z35 can be used in 95 percent of all production processes. eg turning, milling, drilling, reaming, threading. For tools that have a diameter greater than 2 mm. And this also where 2-channel solutions have been used so far.
- If there is no internal lubricant supply in the machine tool, the LSJ Z35 can also be used via external connections and coolant nozzles.

PRODUCT VIDEO



FUNCTION

- Various pressures controllable via NC machine program
- Oil saturation additionally adjustable via the injectors
- Capacity approx. 4 liters
- Response times <0.1 s
- Can be used between 4 - 16 bar (depending on tool)
- Air volume flow from 70 - 800 NI / min (depending on tool)
- Consumption between 5 - 100ml / h
- Several spindles can be supplied at the same time

SINGLE CHANNEL SYSTEM (HPM LSJ Z35)

- Easy installation
- Generation of a uniform aerosol film
- Adjustable quantity setting
- Switching KSS / MMKS possible

