

Highest performance with low-pressure pouring

Dear Ladies and Gentlemen,

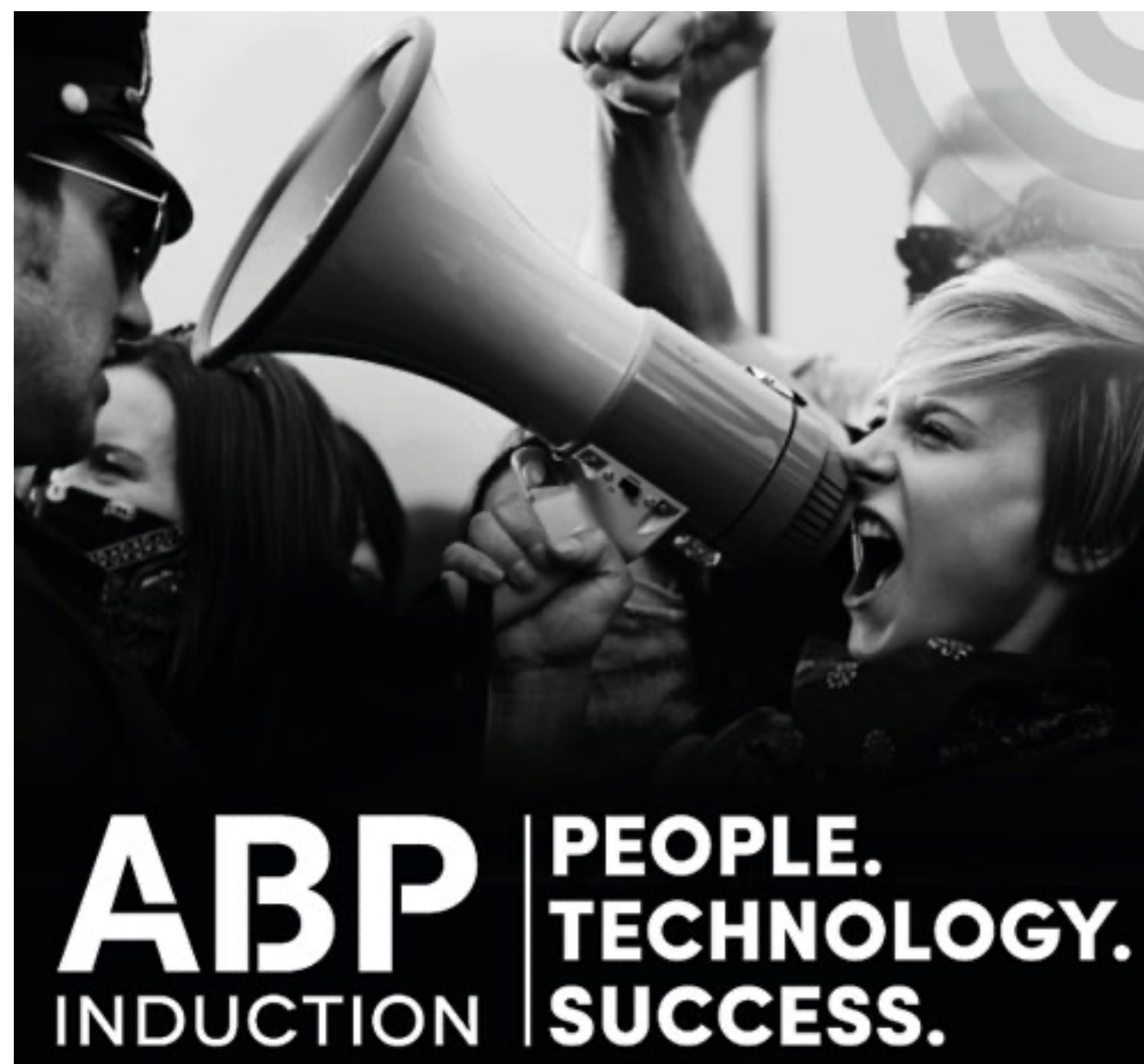
ABP Induction has developed an adapted system for the special processes of low-pressure pouring. The OCN furnace system is so far the only system for low-pressure pouring of steel castings that has proven itself in industrial practice in continuous operation. This process has long been established for aluminum, with a recycled material content of less than 50 per cent of the weight of the component, compared with 100 per cent for gravity pouring. The capacities this yields in the area of melting result in valuable savings and additional sales potential for the foundries.



How low-pressure pouring works: take a look at the highlights in our 100-second video!

The advantages in the organization:

- Pouring in short cycle times with low manpower requirements increases the productivity of the foundry
- Relief of staff: Work processes with a high level of concentration and repetitive procedures can be automated
- The size of the gating and feeder system can be reduced, thus reducing the amount of recycled material



PODCAST



Low pressure pouring in practice: Listen to the podcast with ABP expert Markus Hagedorn and Markus Albert, owner of MAC GmbH

The advantages in the process:

- When filling the molds, pouring underfills are avoided, which reduces the reject rate
- Turbulence-free entry of the melt into the gating system
- Complete mold filling in the shortest possible time, especially for complex and thin-walled pours
- Consistent pouring temperature

If you would like to know more, please contact our expert Markus Hagedorn directly - by e-mail to

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