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Innovative Solutions

	CAST IRON	ALUMINUM	STEEL
POWER CONSUMPTION	8 kW	8 kW	8 kW
AIR CONSUMPTION	min. 1000 l/min. max 1500 l/min.	min. 1000 l/min. max 1500 l/min.	min. 1000 l/min. max 1500 l/min.
CASTING WEIGHT with sand	70 kg	70 kg	70 kg
MAXIMUM CASTING SIZE	300 x 300 x h 450 mm	300 x 300 x h 450 mm	300 x 300 x h 450 mm
MINIMUM CASTING SIZE	160 x 160 x h 300 mm	160 x 160 x h 300 mm	160 x 160 x h 300 mm

*The above listed weight and size are valid for cast iron, aluminum and steel castings.*

DECORING
MACHINE
DCB18

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Innovative Solutions
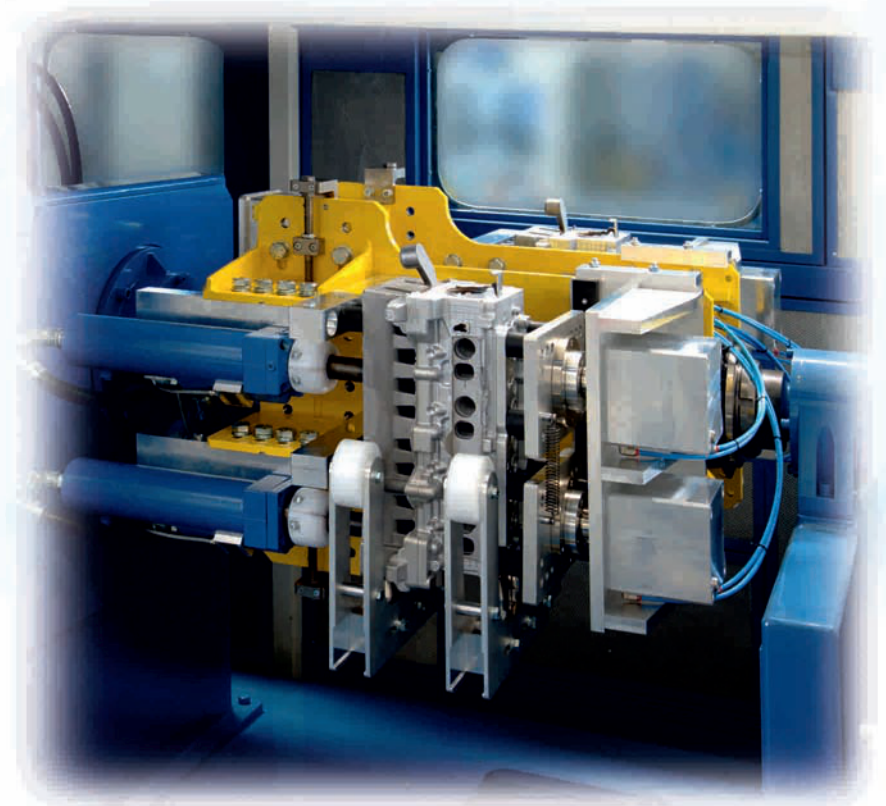
- **Continuous rotation up to 360°** in both directions.
- 2 housings with the possibility to extend up to 4.
- To the casting size adaptable housings: maximum allowable weight 70 kg.
- **Castings' horizontal** movement thanks to the **use of the vibration produced by the hammers**. No eccentric masses are used and so the **frame resonance is accordingly reduced**.
- **Time and production costs are reduced** because of the simultaneous working of the shaft rotation and of the hammers vibration.
- **Operator panel PLC on machine board** for controlling the working parameters.
- Soundproof cabin in accordance to the European law **EN 1090-1:2009+A1:2011 and UNI EN ISO 11690-1**.

This innovative decoring machine allows the contemporary treatment of several aluminum, cast iron and steel foundry castings. It is equipped with **castings where from 2 up to 4 castings can be placed**. All the castings will be decored at the same time with at least a couple of hammers.

The real innovation of this machine consists of its rotating shaft that can **rotate up to 360° in both directions** without breaking the hammers' work on the castings. The complete sand removal from the castings takes **place quickly and effectively**, **optimizing** in this way the **production costs**. Moreover the decoring machine is placed inside a soundproof cabin that permits a simple and practical maintenance by the specialized staff.
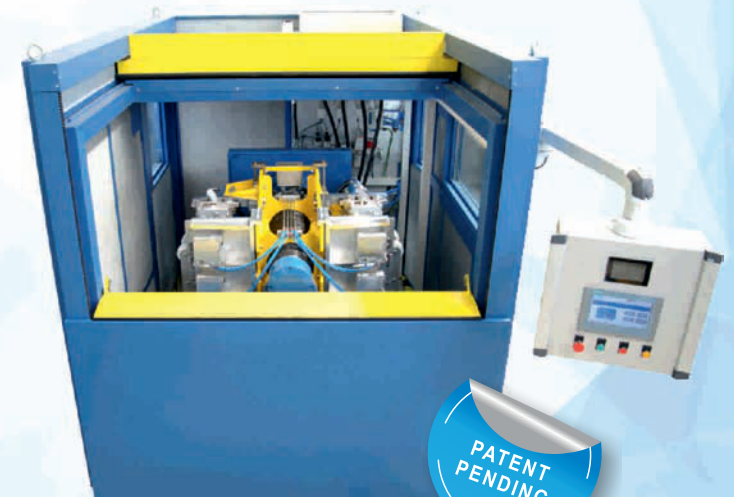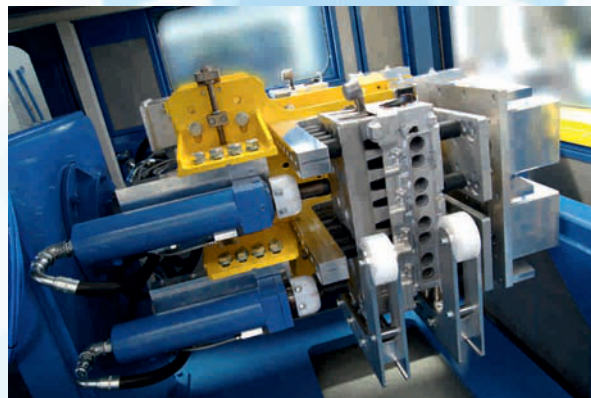
PATENT PENDING

DECORING MACHINE **DCB18**